

**Minutes of the 130th meeting of the Maharashtra Coastal Zone Management
Authority (MCZMA) held on 1st March, 2019**

Minutes of the 130th meeting of the Maharashtra Coastal Zone Management Authority held under the Chairmanship of Principal Secretary, Environment on 1st March, 2019 in in the Sachivalay Gymkhana, Mumbai. List of the members present in the meeting is enclosed as Annexure I.

Confirmation of Minutes:

The Authority decided to confirm that minutes of 129th meeting of the MCZMA.

Item No. 1: Proposed Sewer pipeline with D.P. road from S.B. Patil Road, to Talmiki Road, Santacruz (W) in H/ West Ward, Mumbai by MCGM.

The MCGM officials presented the proposal before the Authority. The proposal is for construction of Sewer line having 300 mm dia along 13.40 m wide DP road from S.B. Patil road to Talmiki road at Santacruz (W), Mumbai.

The proposed 300 mm sewer line diameter is of the length 205 m and will provide sewerage facility to buildings abutting to 13.40 m, wide DP road. The purpose of sewer pipeline is to provide drainage connections for existing residential area to improve health and hygiene. Proposed sewer pipeline is situated in CRZ II area. The Authority noted that proposal aims to improve sanitary condition in the vicinity area.

After deliberation, the Authority decided to recommend the proposal from CRZ point of view to SEIAA subject to compliance of following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. MCGM to strictly ensure that proposed sewer line should be restricted to CRZ II areas only, as per the approved CZMP of the Greater Mumbai.
3. The material excavated/ debris generated will be used for backfilling purposes on site. Remaining debris will be disposed to authorized waste disposal site outside CRZ area.
4. Mangroves if any, should not be destroyed for the proposed activities.
5. Debris/ solid waste should not be dumped in the CRZ area


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6. Untreated sewage and effluent should not be discharged into the coastal water body.
7. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.2: Proposed construction of compound wall for Solid waste disposal site at CTS No. 1 (pt) village Deonar near Rafique Nagar Cemetery in M/E Ward, Mumbai by MCGM.

The MCGM officials presented the proposal before the Authority. The proposal is for construction of compound wall for solid waste disposal site at CTS No. 1 (pt) village Deonar near Rafique Nagar Cemetery in M/E Ward, Mumbai by MCGM. Total periphery of the solid waste disposal site is approx. 6.5 km out of which 2.5 to 3 km area surrounded by slum/ best depot and remaining is surrounded by creek.

The MCGM officials presented that construction of compound wall is very much essential to prevent entry of people in solid waste disposal site & to save the mangroves. 2 nos. of watch towers are also proposed.

After deliberation, the Authority decided to recommend the proposal from CRZ point of SEIAA subject to compliance of following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. Proposed compound wall should be on landward side of the High Tide Line i.e. in CRZ II area only, taking account the approved CZMP of the Greater Mumbai, under CRZ Notification, 2011.
3. No construction in mangroves or 50 m buffer zone is allowed. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MCGM to strictly ensure the same.
4. MCGM to ensure that proposed compound wall shall not hinder/obstruct the natural flow of the creek water.
5. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No3: Proposed construction of convention Centre for Maharashtra University of Health Sciences, Nashik (MUHS) on plot bearing plot no. 18, sector no. 10A, Airoli, Navi Mumbai by PWD, Thane.


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The PWD officials presented the proposal before the Authority. The Authority noted that the proposal is for convention Centre building comprising of Ground + 1st floor, for Maharashtra University of Health Sciences, Nashik (MUHS) on plot bearing plot no. 18, sector no. 10A, Airoli, Navi Mumbai.

The PP has submitted the CRZ map in 1:4000 scale superimposing the plot under reference prepared by the IRS, Chennai. The said CRZ map shows that the small portion of the plot is situated in 100 m CRZ belt from the creek i.e. CRZ II area.

The PP has presented that building construction is proposed in non CRZ portion of the plot and only compound wall of the building will be in CRZ II portion.

The Authority after deliberation decided to grant the NoC from the CRZ point of view to the proposal. The local body (NMMC) to ensure that building is proposed beyond 100 m CRZ belt from the creek, as per approved CZMP under CRZ Notification, 2011. Compound wall of the building can be allowed in CRZ II area only, as proposed by the PP.

Item No.4: Proposed construction of rope way between Haji Bandar, Mumbai to Elephanta Island by Mumbai Port Trust (MbPT)

The MbPT officials presented the proposal before the Authority. The project envisages ropeway connection between Sewree and Elephanta Island having two stations at either end, covering a distance of approximately 8 Kms. Ropeway cable will be proposed at the height of 15-150 m and will provide tourists excellent view of mud flat, mangroves and flamingos in the season. It was further presented that the linking of Sewree with Elephanta Island by Rope way will be a land mark tourist attraction in the city.

At Sewree, terminal building at Haji Bunder, Sewree will be constructed on 10,000 sqm land made available by MbPT. At Elephanta Island, proposed terminal will be located in CRZ IV in the MbPT water area adjacent to the Elephanta Island. The terminal will have only the operational area for embarking/dis-embarking for the tourist. The terminal will be connected to the main Elephanta Island through an environment friendly deck.


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The MbPT officials further presented that as per approved CZMP of Greater Mumbai dated 16.08.2018 (Sewree Side), the landing and Tower No. 1 falls in CRZ-I and II area. As per CZMP of Elephante Side, the Tower No 2 to 11 falls in CRZ- IV area.

The MbPT officials presented the details of the ropeway is as follows:

- Number of towers- 11 No
- Tower Height- 15m-150m
- Distance between towers Max. 700m
- Interval between cabins- 86 seconds
- Line speed- 8m/s
- Distance between cabins- 690m
- Number of Cabins- 20
- Cabin Capacity- 20
- Trip time- 14.5 minutes (approx.)

The Authority noted that the proposal was earlier deliberated in 127th meeting of MCZMA held on 02.11.2018, wherein the Authority decided to make a site visit in order to ascertain the presence mangroves or other ecologically sensitive areas / mudflats in the project.

The Mangrove Cell visited the site and sent a report dated 5.12.2018. The site visit report states that proposed tower no. 11 (18 58 13.16 N 72 55 50.18 E) is near to the existing tourism jetty and it is not falling in mangrove area. As per the google earth, the tower no. 11 is proposed away from 50 meter buffer area of the mangroves of the Elephanta Island. The MRSAC map of the Gharapure village is not available at this office and the inference is made based on google image. Proposed tower number 1 to 10 are not any mangrove area. The conclusion made as per maps of MRSAC and the google images.

The MbPT has slightly shifted the Elephanta side station towards north. It was further presented that, Rapid EIA /EMP has been prepared and appropriate environment management measures will be undertaken during construction and operations phase of the project.

During the meetings, the Authority observed the followings:


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- a) Project aims to utilize the waterfront and surrounding environmental settings at Sewari and Elephanta Island in Arabian sea to boost tourism.
- b) The 8-km ropeway will begin from Sewri in Mumbai's east coast. There are migratory birds at sewari, the necessary guidelines/ measures should be obtained from the Bombay Natural History Society, so that project should not have adverse impact on migratory birds visiting at sewari area.
- c) The ropeway will end at Raigad district's Elephanta Island, globally renowned for Elephanta Caves, a UNESCO World Heritage site. Hence necessary clearance from heritage point of view should be obtained from the competent authority.

After deliberation, the Authority decided to recommend the proposal from CRZ point of MoEF, New Delhi subject to compliance of following conditions.

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction in mangroves is allowed. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MbPT to strictly ensure the same.
3. Prior High Court permission should be obtained, if the terminal building is proposed within 50 m mangrove buffer zone.
4. The Sewage Treatment plant should be installed for the treatment of the sewage at terminal building.
5. Solid waste & waste oil generated from the project activities should not be disposed in the Sea.
6. The MbPT to ensure that environment Management plan is implemented during construction and operation phase
7. Necessary guidelines/ measures should be obtained from the Bombay Natural History Society for implementation of the project, so that project should not have adverse impact on migratory birds visiting at sewari area.
8. NoC from the Heritage point of view from the competent Authority should be obtained, since the project aims link the sewari to Elephanta Island, which is a heritage site.
9. PP to obtain the NoC from competent Authority with reference to Thane Creek flamingo Sanctuary, if required.
10. PP to obtain the Environment Clearance under EIA Notification, 2006, if required.


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11. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item no.5: Proposed construction of allied facilities for a jetty at Gorai, Mumbai Suburban Phase II by MMB

The MMB officials presented the proposal before the Authority. The PP presented that Environment Clearance dated 6th November, 2018 has been granted for a jetty at Gorai, Mumbai by the SEIAA, on CRZ recommendation by the MCZMA in its 119th meeting held on 18th to 30th June, 2017. The said EC is subject to compliance of the certain conditions. One of the condition was to obtain the prior High Court permission, since the jetty is proposed within 50 m mangrove buffer zone area. Accordingly, the MMB has got the High Court approval dated 25.2.2019 for the jetty in the larger public interest.

Now, the MMB has proposed allied facilities for the said jetty, which are as follows:

Activity	CRZ classification	Total area
Ticket counter /public rain shelter	CRZ I A (50M mangrove buffer zone)	150 sq. m.
Parking area	CRZ I A (50M mangrove buffer zone)	1500 sq. m.

The Authority noted that the facilities such as ticket counter/ rain shelter and parking area proposed by the MMB is an ancillary activities of the jetty. The SEIAA granted the EC for construction of the jetty and High Court also approved the jetty proposed in 50 m buffer zone, in the larger public interest

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time
2. MMB to ensure that no mangroves should be cut / destroyed for the proposed activities. However, prior High Court permission should be obtained, since ancillary facilities for a jetty is proposed in 50 m mangrove buffer zone area.


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3. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006.
4. MMB to comply with the order dated 25.2.2019 in WP (L) No. 44/2019 (MMB V/s Union of India) regarding Gorai jetty.
5. Debris should not be dumped in CRZ area.
6. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.6: Proposed construction of allied facilities for jetty at Borivali, Mumbai Suburban Phase II by MMB

The MMB officials presented the proposal before the Authority. The PP presented that Environment Clearance dated 6th November, 2018 has been granted for a jetty at Borivali, Mumbai by the SEIAA, on CRZ recommendation by the MCZMA in its 119th meeting held on 18th to 30th June, 2017. The said EC is subject to compliance of the certain conditions. One of the condition was to obtain the prior High Court permission, since the jetty is proposed within 50 m mangrove buffer zone area. Accordingly, the MMB has got the High Court approval dated 25.2.2019 for the jetty in the larger public interest.

Now, the MMB has proposed allied facilities for the said jetty. Allied facilities includes;


Activity	CRZ classification	Total area
Ticket counter /public rain shelter	CRZ I A (50M mangrove buffer zone)	300 sq. m.
Parking area	CRZ I A (50M mangrove buffer zone)	2500 sq. m.

The Authority noted that the facilities such as ticket counter/ rain shelter and parking area proposed by the MMB is an ancillary activities of the jetty. The SEIAA granted the EC for construction of the jetty and High Court also approved the jetty proposed in 50 m buffer zone, in the larger public interest.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:


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1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. MMB to ensure that no mangroves should be cut / destroyed for the proposed activities. However, prior High Court permission should be obtained, since ancillary facilities for a jetty is proposed in 50 m mangrove buffer zone area.
3. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006.
4. MMB to comply with the order dated 25.2.2019 in WP (L) No. 44/2019 (MMB V/s Union of India) regarding Borivali jetty.
5. Debris should not be dumped in CRZ area.
6. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item no.7: Proposed construction of allied facilities of jetty at Marve, Mumbai Suburban Phase II by MMB

The MMB officials presented the proposal before the Authority. The PP presented that Environment Clearance dated 10th April, 2017 has been granted for a jetty at Marve, Mumbai by the SEIAA, on CRZ recommendation by the MCZMA in its 113th meeting held on 11th August, 2016. The matter was again deliberated in 127th meeting held on 2nd November, 2018 wherein the MMB requested to delete the condition of High Court permission since, the project activities are not proposed in mangrove or its 50 m buffer zone area. Accordingly, the MCZMA in its 127th meeting noted that there are no mangrove on Marve site and the authority decided to delete the condition no.5 about obtaining the high court NOC for Marve Jetty.

Now, the MMB has proposed allied facilities for the said jetty, which includes follows:

Activity	CRZ classification	Total area
Ticket counter /public rain shelter	CRZ I B	200SQ.M.
Parking area	CRZ I B	3500 Sq. m.

The Authority noted that the facilities such as ticket counter/ rain shelter and


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parking area proposed by the MMB is an ancillary activities of the jetty. The SEIAA granted the EC for construction of the jetty. The Authority noted that the project involves public interest.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. MMB to ensure that No construction should be permitted in mangrove or its 50 m buffer zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006.
3. Debris should not be dumped in CRZ area.
4. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.8: Proposed construction of allied facilities of jetty at Manori, Mumbai Suburban Phase II by MMB.

The MMB officials presented the proposal before the Authority. The PP presented that Environment Clearance dated 10th April, 2017 has been granted for a jetty at Manori, Mumbai by the SEIAA, on CRZ recommendation by the MCZMA in its 113th meeting held on 11th August, 2016. The condition of the clearance was to obtain the Prior High Court permission since, the project involves destruction of mangroves. Thereafter, the MMB represented that mangroves will not be affected due to proposed jetty. Hence, the condition of High Court permission should be deleted.

The matter was deliberated in 127th meeting held on 2nd November, 2018 and decided to replace the condition no. 4 as: "MMB to ensure that mangrove, if any should not be cut for the project. However, High Court permission should be obtained since, the project is situated within 50 m buffer zone" Accordingly, the MMB has got the High Court approval dated 25.2.2019 for the jetty in the larger public interest.

Now, the proposal is for allied facilities at Manori, Mumbai Suburban (Phase II).


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Activity	CRZ classification	Total area
Ticket counter /public rain shelter	CRZ I A (50M mangrove buffer zone)	150 SQ. M.
Parking area	CRZ I A (50M mangrove buffer zone)	2500 Sq. m.

The Authority noted that the facilities such as ticket counter/ rain shelter and parking area proposed by the MMB is an ancillary activities of the jetty. The SEIAA granted the EC for construction of the jetty and High Court also approved the jetty, in the larger public interest.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. MMB to ensure that no mangroves should be cut / destroyed for the proposed activities. However, prior High Court permission should be obtained, since ancillary facilities for a jetty is proposed in 50 m mangrove buffer zone area.
3. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006.
7. MMB to comply with the order dated 25.2.2019 in WP (L) No. 44/2019 (MMB V/s Union of India) regarding Borivali jetty.
4. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item no.9: Proposed widening & extension of existing tourism jetty & its allied facilities and increasing berthing capacity at Elephanta Island, Gharapuri Caves, Dist Raigad by MMB

The MMB officials presented the proposal before the Authority. The proposal is for widening & extension of existing tourism jetty at Elephanta Island, Gharapuri Caves, Dist. Raigad. Elephanta Caves is a world heritage site and an important tourism point for Mumbai and Maharashtra. A large number of tourists (15 lakhs per year approx), locals as well as foreigners visit the site for


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the whole year. The available facilities for the same are inadequate; hence needs to be developed. Project would help provide better tourism facilities resulting in increased tourism and would be beneficial for the local businessmen as well. Proposed activities includes:

Sr. No.	Proposed activity	Area	CRZ classification
1	Widening of Approach Jetty	500.00 m X 10.00 m	CRZ I(B) and CRZ IV
2	Additional berthing Jetty	85.00 m X 17.10 m	CRZ I (B) and CRZ IV

The project also includes jetty allied facilities and amenities for the tourists. It was further presented that basic tourist amenities, beautification is also proposed. The Rapid EIA/ EMP has been submitted by the MMB.

The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011 Construction and operation for harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures are permissible activities. And, as per amended CRZ Notification dated 28th November, 2014 published by MoEF, clearance from the SEIAA is required for the said project

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction should be permitted in mangrove or its 50 m buffer zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MMB to strictly ensure the same.
3. MMB to ensure that hotel / restaurant will not be allowed on the jetty.
4. Construction debris should not be dumped in the sea.
5. Environment Management Plans should be implemented during construction and operation phase of the project.
6. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.10: Proposed construction of jetty at Mora, Dist Raigad by MMB


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The MMB officials presented the proposal before the Authority. The proposal is for construction of jetty at Mora, Dist. Raigad. Village Mora is a majorly a fishing village and Occupation of the residents is mostly fishing related activities. The existing jetty at Mora was constructed way back in 1934 (84 Years old), which is not capable of providing transportation from ferry wharf to Mora. At present 15 lakhs commuters per annum visiting at Mora. Existing facility is used by fisherman also. (There is no separate jetty for fisherman). Proposed activities are as follows:

Sr No.	Proposed activities	Dimensions	CRZ classification (Approved CZMP, 2011)
1	Approach jetty	372m x 10m	CRZ I (B), CRZ IV and CRZ III
2	Turning Platform and berthing dolphins & Linkspan	Turning Platform	CRZ I(B) and CRZ IV

The Authority noted that considering the ruinous condition of the existing jetty, new jetty is a requirement for the local inhabitants of the village Mora. The Rapid EIA/ EMP has been submitted by the MMB.

The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011 Construction and operation for harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures are permissible activities. And, as per amended CRZ Notification dated 28th November, 2014 published by MoEF, clearance from the SEIAA is required for the said projects

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction should be permitted in mangrove or its 50 m buffer zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MMB to strictly ensure the same.
3. MMB to ensure that hotel / restaurant will not be allowed on the jetty.
4. Construction debris should not be dumped in the sea.


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5. Natural course of coastal water body and tidal regime should not be hampered due to proposed activities.
6. Environment Management Plans should be implemented during construction and operation phase of the project.
7. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.11: Proposed construction of approach road at Karanja, Tal. Uran, Dist. Raigad by MMB

The MMB presented the proposal before the Authority. The proposal is for construction of approach road at Karanja, Tal. Uran, Dist. Raigad. The proposed road is a bypass road of length 1.6 km which help in reducing the traffic congestion in the village. As per the CZMP of 2011, the road is passing through CRZ III and Non CRZ area.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction should be permitted in mangrove or its 50 m buffer zone
3. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.12: Proposed construction of jetty at Veldur, Dist. Ratnagiri by MMB

The MMB officials presented the proposal before the Authority. The proposal is for construction of jetty at Veldur, Dist. Ratnagiri. Project activities involves:

1. Approach Jetty- 105.2m X 10.5m.
2. Berthing Jetty- 56m X 10.5m;
3. Allied Facilities- Ticket Counter , Parking, etc.,

It was further presented that the proposed jetty aims to reduce the travel distance & time between Dabhol to veldur. Road distance between the said route


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is around 138 km and it takes 3.5 hours. Proposed ferry route will cut down the distance by 135 km. It will take only 2.2 km (ferry + road distance) to reach Dabhol.

The Authority noted that as per the approved CZMP, the project activities are in CRZ I (B) and CRZ IV area. The MMB has submitted the Rapid EIA/ EMP for the project.

The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011 Construction and operation for harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures are permissible activities. And, as per amended CRZ Notification dated 28th November, 2014 published by MoEF, clearance from the SEIAA is required for the said projects

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction should be permitted in mangrove or its 50 m buffer zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MMB to strictly ensure the same.
3. MMB to ensure that hotel / restaurant will not be allowed on the jetty.
4. Debris/ solid waste should not be dumped in the CRZ area
5. Natural course of coastal water and tidal regime should not be hampered due to proposed activities.
6. Environment Management Plans should be implemented during construction and operation phase of the project.
7. All other required permissions from different statutory authorities should be obtained prior to commencement of work

Item No.13: Proposed development of waterfront at Kolshet, Tal. & Dist. Thane by MMB

The Officials of the MMB presented the proposal before the Authority. The proposal is for construction of jetty with erosion measures at Kolshet, Tal. & Dist. Thane. The proposed activities includes Sloping ramp, Garden,


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seating arrangements and Parking Area.

The Authority noted that as per the approved CZMP of the Thane, under CRZ Notification, 2011, the site is situated in CRZ I (B) and CRZ II area.

The MMB has submitted the Rapid EIA/ EMP for the project, as per which, the proposed project aims at development of the village and benefit of the people. It affects the ambient environment but up to a certain extent. The effects are temporary in nature and can be nullified through the mitigation measures.

The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011 Construction and operation for harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures are permissible activities. And, as per amended CRZ Notification dated 28th November, 2014 published by MoEF, clearance from the SEIAA is required for the said projects.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction should be permitted in mangrove or its 50 m buffer zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MMB to strictly ensure the same.
3. MMB to ensure that hotel / restaurant will not be allowed on the jetty.
4. Debris/ solid waste should not be dumped in the CRZ area
5. Natural course of creek water and tidal regime should not be hampered due to proposed activities.
6. MMB to ensure that the CWPRS should be consulted for the design of the erosion measures structures along the creek-front.
7. Environment Management Plans should be implemented during construction and operation phase of the project.
8. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.14: Proposed construction of allied facilities for jetty at Ghodbundar, Dist. Thane by MMB


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The officials of the MMB presented the proposal before the Authority. The PP presented that Environment Clearance dated 9th August, 2017 has been granted for the Ghodbunder jetty by the SEIAA, on CRZ recommendation granted by the MCZMA in its 117th meeting held on 5th April, 2017. The said EC is subject to compliance of the certain conditions. One of the condition was to obtain the prior High Court permission, since the jetty involved cutting / destruction of mangroves. Accordingly, the MMB has got the High Court approval dated 25.2.2019 for the jetty in the larger public interest.

Now, the MMB has proposed allied facilities which is as follows:

Activity	CRZ classification	Total area
Ticket counter /public rain shelter	CRZ II	300 Sq. m.
Parking area	CRZ II	1400 Sq. m.

The Authority noted that the facilities such as ticket counter/ rain shelter and parking area proposed by the MMB is an ancillary activities of the jetty. The SEIAA granted the EC for construction of the jetty and High Court also approved the jetty proposed, in the larger public interest.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction should be permitted in mangrove or its 50 m buffer zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MMB to strictly ensure the same.
3. Debris/ solid waste should not be dumped in the CRZ area
4. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.15: Proposed construction of allied facilities for jetty at Narangi, Dist. Thane by MMB

The MMB officials presented the proposal before the Authority. The PP presented that Environment Clearance dated 9th August, 2017 has been granted


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for the Narangi jetty by the SEIAA, on CRZ recommendation granted by the MCZMA in its 117th meeting held on 5th April, 2017. The said EC is subject to compliance of the certain conditions. One of the condition was to obtain the prior High Court permission, since the project involves destruction / cutting of the mangroves. Accordingly, the MMB has got the High Court approval dated 25.4.2018 for the jetty.

Now, the MMB has proposed allied facilities of the jetty which is as follows:

Activity	CRZ classification	Total area
Ticket counter /public rain shelter	CRZ II	300 Sq. m.
Parking area	CRZ II	1400 Sq. m.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction should be permitted in mangrove or its 50 m buffer Zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MMB to strictly ensure the same.
3. Debris/ solid waste should not be dumped in the CRZ area.
4. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.16: Proposed extension & construction of Jetties near Arnala Fort and Arnala village, Tal. Vasai, Dist. Palghar by MMB

The MMB officials presented the proposal before the Authority. The proposal is for extension & construction of Jetty near Arnala Fort, Tal. Vasai, Dist. Palghar. There is existing ferry between Arnala to Arnala Fort Island but at present there is no jetty for embarkation and disembarkation. Proposed activities involves:

Arnala village jetty:

- Approach jetty - 100.00 x 4.80 meter
- Berthing portion - 55.00 x 7.4 meter


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Arnala Fort jetty:

- Approach jetty 110 x 5.50 meter
- Berthing portion 53 x 5.50 meter

As per approved CZMP, under CRZ Notification, 2011, project site is in CRZ I (B) and CRZ IV area. The MMB has submitted the Rapid EIA/ EMP for the project. The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011 Construction and operation for harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures are permissible activities. And, as per amended CRZ Notification dated 28th November, 2014 published by MoEF, clearance from the SEIAA is required for the said projects.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction should be permitted in mangrove, if any or its 50 m buffer zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MMB to strictly ensure the same.
3. Debris/ solid waste should not be dumped in the CRZ area.
4. All other required permissions from different statutory authorities should be obtained prior to commencement of work

Item No.17: Proposed development of additional liquid cargo jetty at JNPT, Navi Mumbai by JNPT

The JNPT officials presented the proposal before the Authority. The JNPT has planned to develop additional liquid cargo handling facilities in existing port area. Due to high berth occupancy rates and lack of dedicated additional facilities has resulted in higher vessel waiting times and in turn may have been a cause for diversion/stagnated growth of liquid cargo at JNPT. The estimated capacity of the proposed facility will be 4.5 MMTPA.

The additional twin liquid cargo terminal is proposed abutting with the existing BPCL liquid terminal of JNPT located in Navi Mumbai, Village- Sheva,

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Tehsil- Uran, and District- Raigad. Geographic coordinates for proposed Terminal area within JNPT are Lat - 18° 56' 33.15"N and Long - 72° 56' 9.49"E. Total length of the proposed twin additional liquid cargo jetty is 300 meter x 60 meter both side berthing and connecting to existing BPCL jetty by utility corridor of 120 meter x 30 meter including pocket dredging and allied facilities. A twin type liquid jetty arrangement would have following parts:

- A common unloading platform to cater for unloading equipment and piping
- 8 reasting dolphins on each jetty (4 nos of each side)
- Mooring dolphins (2 nos each side of unloading platform)
- Approach trestle
- Walkways connecting dolphins with service platform

The Authority noted that the project site is located in CRZ IV (A) area. Further, JNPT has submitted the Rapid EIA/ EMP for the project.

The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011 Construction and operation for harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures are permissible activities. And, as per amended CRZ Notification dated 28th November, 2014 published by MoEF, clearance from the SEIAA is required for the said projects

The Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No construction should be permitted in mangrove, if any or its 50 m buffer Zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The JNPT to strictly ensure the same.
3. Natural course of creek water and tidal regime should not be hampered due to proposed activities.
4. JNPT to ensure that the CWPRS should be consulted for the design of the liquid cargo jetty.
5. Environment Management Plans should be implemented during construction and operation phase of the project.
6. JNPT to ensure that fisherman activities, if any the area should not be


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- hampered during construction and operation of the project.
7. Debris/ solid waste should not be dumped in the CRZ area.
 8. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.18: CRZ clearance for balance work for 4th container terminal & marine chemical terminal at JNPT.

The JNPT officials presented that JN Port has received Environmental Clearance for Development of Fourth Container Terminal and Marine Chemical Terminal at JNPT on 29th July, 2018 from MoEF, New Delhi. The Port has applied to MoEF in 2013 for extension of validity of Environmental Clearance for a further period of 5 years. MoEF vide letter dated 14th February, 2014 has extended the validity for a further period of 5 years on the same subject to certain conditions terms & Conditions i.e. upto 28th July, 2018.

The Port's request for amendments in Environmental Clearance Condition No.6 was discussed in the Expert Appraisal Committee (Infra-2) in its 207th meeting held on 25th January, 2018. Expert Appraisal Committee accepted the Port's proposal for amendment with a condition that the Port should apply afresh for balance works of construction of Fourth Container Terminal and Marine Chemical Terminal at JNPT.

Accordingly JNPT has submitted the application for Terms of Reference for fresh Environmental Clearance on 17th May, 2018. Accordingly, as per decision taken in 31st meeting of the EAC (Infra-2) meeting held on 31st May, 2018, the MoEF, New Delhi vide letter dated 13th June, 2018 accorded the Terms of Reference for preparation of the EIA and EMP for the project. One of the condition of the TOR is obtain the recommendation of the MCZMA.

The Authority noted from the TOR that, construction phase I of Fourth Container Terminal projected commenced from 23rd December, 2014. Construction works under phase I was completed and the entire facility is put to operation by 22nd December, 2017, within the stipulated time period of 3 years for commencement of phase I operations. As per the concession agreement, phase II works shall be commenced immediately after achieving traffic of 2.4 MTPA and complete the balance work by December, 2022. Details of the balance work is as follows:


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A. Civil Infrastructure :


Sr. No	Project Scope as preapproved Environment Clearance	Phase - I	New TOR for Balance Work in Phase - II
(i)	Berth: Berth length of 2000m x 61m	1000 m x 61 m Completed	1000 m x 61 m
(ii)	Dredging : In Maneuvering area (-) 13.1 m CD and Berth pockets (-) 16.5 m CD	Approx. 110 HA. Area dredged including berth pockets Completed 10 Million Cu M	Approx. 100 Ha. Dredging up to 16.5m below CD 9 Million Cu. M.
(iii)	Approach Bridges : Approach Bridges Adequate Nos.	05 Nos. Completed	05 Nos. Completed
(iv)	Reclamation : Reclamation are about (200 Ha.) for development of storage yard, internal roads, railway, railway container depot, parking area, office & other operational building, container terminal gate complex etc.	110 Ha. Completed	90 Ha
(v)	Road and Rail Connectivity :		
	Up to 12 lane connecting road (4:8 km) up to NhavaSheva Police Station	12 lane access road filling completed and 6 lane in	Additional 6 lane road to be completed
	Rail Container Depot for evacuation by Rail	One rail yard with 4 loop lines Completed	Rail yard with additional 2 loop lines

B. Equipment :

Sr. No	Project Scope as preapproved Environment Clearance	Phase - I	New TOR for Balance Work in Phase - II


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(i)	Rail Mounted Quay Cranes (RMQC) at least 24 Nos.	9 Installed (balance arriving)	12 Nos.
(ii)	Rubber Tyred Gantry Cranes (RTGC) at least 72 Nos.	18 Installed (balance arriving)	36 Nos.
(iii)	Rail Mounted Gantry Cranes (RMGC) at least 08 Nos.	4 Installed	04 Nos.
(iv)	Tractor Trailers at least 240 Nos.	85 T.T. Provided (balance arriving)	120 Nos.

C. Associated Facilities :

Sr. No	Project Scope as preapproved Environment Clearance	Phase - I	New TOR for Balance Work in Phase - II
(i)	Electrification	Completed	To be Completed
(ii)	Water Supply, Drainage and Sewerage facilities	Completed	To be Completed
(iii)	Associated Computer and Software network	Installed	To be Installed
(iv)	Fire Fighting facilities	Installed	To be Installed
(v)	Adequate Safety arrangement at the Terminal	Completed	To be Completed

The Authority noted that the site is located in CRZ IV area, as per the CZMP of the JNPT, under CRZ Notification, 2011. JNPT has submitted the EIA/ EMP for the project. JNPT officials further represented that that public hearing condition is not mentioned in the TOR granted by the MoEF, new Delhi.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to MoEF, New Delhi subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. All the conditions of the earlier EC granted by the MoEF, New Delhi shall be adhered to.


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3. JNPT to ensure that the CWPRS should be consulted for the design of the 4th terminal.
4. Environment Management Plans, Disaster Management Plan and oil spill response plan should be implemented during construction and operation phase of the project.
5. No construction should be permitted in mangrove or its 50 m buffer zone. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The JNPT to strictly ensure the same.
6. JNPT to ensure that fisherman activities, if any the area should not be hampered during construction and operation of the project.
7. Debris/ solid waste should not be dumped in the CRZ area
8. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item No.19: Proposal for development of Versova Beach at Versova, Andheri (W) under the program of beach development for Tourism by MHADA

The MHADA officials presented the proposal before the Authority. The proposal is for development of Versova Beach at Versova, Andheri (W) under the program of beach development for Tourism.

The Authority noted the proposal and instructed the MHADA officials to submit the layout of the project activities superimposed on the approved CZMP of the Greater Mumbai and revert. Accordingly, the proposal was deferred.

Item no.20: Proposal for providing chain link fencing and compound wall to Lokhandwala lake and providing chain link fencing / bio fencing for conservation of Mangroves, Varsova, Andheri (W), Mumbai

The MHADA officials presented the proposal before the Authority. The proposal is for providing chain link fencing and compound wall to Lokhandwala Lake and providing chain link fencing/ Bio fencing for conservation of mangroves. Objective of the proposed fencing is as follows:

- To provide Chain link fencing along the existing road on North East and South side of the Lokhandwala lake
- To provide compound wall between Lokhandwala lake and BMC


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sewerage plant.

- On the road along Lokhandwala Lake leading to BMC STP and BMC dumping ground, Trucks/ Dumpers unauthorized dumping the debris on either sides of road and thereby damaging the mangrove. It is therefore proposed to remove debris dumped in the mangrove area along the road and providing low height wall and chain link fencing above wall to prevent the future damage to mangrove.
- It is also proposed to provide the chain link fencing to the exposed faces of the mangroves in order to prevent them from unauthorized encroachments and authorized debris dumping.

MHADA officials further presented that fencing bund wall is proposed at 7 locations in the vicinity of the Lakhandwala area, in order to protect the mangroves area.

The Authority noted the order dated 17th Sep, 2018 in PIL 87/2006 passed by the Hon'ble High Court which states that, area of 50 meters from the mangroves shall be kept free of construction except construction of a compound wall/fencing for its protection.

In the light of above, the Authority after deliberation decided to recommend the proposal from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. MHADA to strictly ensure that mangrove should not be cut/ destroyed for construction of fencing bund wall. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006.
3. Creeklet/ nallas should not be reclaimed due to proposed activities.
4. MHADA to ensure appropriate culverts/ channels are put, in order to facilitate the tidal water ingress in the mangrove area.
5. Construction debris should not be dumped in the CRZ area.
6. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item no. 21: Proposed erection of fire escape staircase on plot bearing CS. No. 1606, plot no. 170, 'A' ward, at Suraksha building Tata


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Road, Churchgate, Mumbai by General Insurance Corporation of India.

The project proponent presented the proposal before the Authority. The proposal is for erection of fire escape staircase on plot bearing CS. No. 1606, plot no. 170, 'A' ward, at Suraksha building Tata Road, Churchgate, Mumbai by General Insurance Corporation of India. As per the approved CZMP of the Grater Mumbai dated 16.8.2018 under CRZ Notification, 2011, the site is located beyond 100 m from the Back Bay.

After deliberation, the Authority decided to grant the CRZ NoC for the fire escape staircase on plot bearing CS. No. 1606, plot no. 170, 'A' ward, at Suraksha building Tata Road, Churchgate, Mumbai.

Item No. 22: Proposed reconstruction of Civil Surgeon Office & warehouse on plot bearing C. S. No. 992A/1, at Civil Hospital, Alibag, Tal. Alibag, Dist. Raigad.

The project proponent presented the proposal before the Authority. The proposal is for reconstruction of Civil Surgeon Office & warehouse on plot bearing C. S. No. 992A/1, at Civil Hospital, Alibag, Tal. Alibag, Dist. Raigad.

As per approved CZMP dated 16.8.2018 under CRZ Notification, 2011, the plot under reference falls in CRZ-III area & is situated on landward side of existing road prior 1991. As per the DP of Alibag, the plot under reference is falls in government and semi government (hospital) zone. Total plot area is 1009.50 sqm.

In the light of above, the Authority after deliberation decided to recommend the proposal from CRZ point of view to concerned planning Authority subject to compliance of following conditions:

1. Proposed redevelopment should be in accordance with provisions of CRZ Notification, 2011 (amended from time to time).
2. Local body to ensure that reconstruction of the existing Civil Surgeon Office & warehouse is within the permissible FSI as on 19.2.1991.
3. Debris/ solid waste should not be dumped in the CRZ area
4. All other required permissions from different statutory authorities should be obtained prior to commencement of work.


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Item No.23: Proposed Break Test Track on plot bearing S. No. 83 A, plot no. 3/1/1 at Varsova, Tal. Andheri, Dist. Mumbai by RTO, Andheri

The project proponent was absent for the meeting. Hence, the matter was deferred.

Item No.24: Proposed Installation of EPCC 40 KLD Sewage Treatment Plant in the Compound of Petroleum House situated at 17 J.T.Road, plot bearing no. 15B, B.B.R. Block 2, C.S. No. 1594 of Fort Division, Mumbai by MCGM

The project proponent was absent for the meeting. Hence, the matter was deferred.

Item no. 25: Proposed widening /Deepening /Training of Green Street Nalla at Saraswati Road, Santacruz (W) in H/W Ward, Mumbai by MCGM

The MCGM officials presented the proposal before the Authority. The proposal for widening / Deepening/ Training of Green Street Nalla at Saraswati Road, Santacruz (W) in H/W Ward, Mumbai.

The MCGM officials presented that the locality faces chronic flooding problems in heavy rain fall due to slow disposal of storm water through mangroves. Due to the chronic flooding issue, a PIL no. 743/2001 was filed by the Gazdharbandh Scheme Resident Trust against MCGM for providing short term as well as long term measures by MCGM for abatement of flooding /water logging at said area. Hence, in order to sort out the issue, widening & training of SNTD Nalla and its tributaries is proposed.

Construction of RCC Retaining wall 650 m length by RCC Raft and Wall or End bearing piling method is proposed on down stream side of Link road up to S.B. Patil Road having waterway width varying from 3m at link road to 14m near S.B.patil road. This work is proposed as per the recommendation in Brimstowad Report. The MCGM has carried out hydraulic study.


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MCGM official presented that no mangroves are in existence on the land / nullah proposed for construction of retaining wall, near link road for stretch of approx. 400m length. Near S.B. Patil road only 250 m length is affected due to thick vegetation with mangroves.

The proposal was earlier deliberated in 105th meeting held on 15-16th Oct, 2015 wherein, the Authority observed the following:

1. Proposed Nalla training is in the mangroves area itself. It was noted that proposed construction will hamper the tidal flow and channels supplying saline water to mangroves, which is essential for its survival. Further mangroves wetland also useful in filtering & removing pollutants from waste water. Further it was also observed that training of Nalla will increase the chances of flooding in the low lying areas of landward side during high tide and heavy rains, as horizontal spread which happens naturally will be stopped due to proposed nalla training.
2. As per the provisions of CRZ Notification, 2011 no construction is allowed in the mangroves area.

In the light of above, considering the mangrove patches along the nallas, the Authority decided that MCGM need to explore other options of flood mitigation in the surrounding area.

Item No.26: Proposed 130 mtr road on plot bearing S.No. 445 A & 445 B, C.S.No. 1368 & 1369 at mauje Zadgaon, Tal & Dist. Ratnagiri by Ratnagiri Municipal Council.

Officials from the Ratnagiri Municipal Council presented the proposal before the Authority. The proposal is for development of 130 mt road on plot bearing S. No. 445 A & 445 B, C. S. No. 1368 & 1369 at mauje Zadgaon, Tal. & Dist. Ratnagiri.

During the meeting, the Authority observed the followings:

- a) Local body to clarify whether the road is repairs/ strengthening of the exiting road or new road.
- b) Local body to submit the approved CZMP of the Ratnagiri showing the road alignment.
- c) Clarify whether the road is proposed in mangrove or its 50 m buffer zone.


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After deliberation, the Authority decided to defer the matter, for submission of the compliance by the local body as stated above.

Item No.27: Proposed reconstruction of Administrative building of RMC on plot bearing S. No. 325A, H. No. A/1/1/D at mauje Zadgaon, Tal & Dist. Ratnagiri by Ratnagiri Municipal Council.

The Authority noted that presence of the Chief Officer, Ratnagiri Municipal Council was required to present the matter. Hence, the matter was deferred.

Item no. 28: Proposed construction of shelter sheds on plot bearing S. No. 25, H. No. 36 at mauje Marathwadi Saitavade, Tal. & Dist. Ratnagiri by PWD, Ratnagiri

The Authority noted that presence of the Chief Officer, Ratnagiri Municipal Council was required to present the matter. Hence, the matter was deferred.

Item No.29: Proposed 6/8 laying of existing 4 lane NH-3 from Ch.539.500 (Vadape) to Ch. 563.000 (Thane) NH-3, Dist. Thane by National Highway Authority of India (NHAI)

The officials of the NHAI presented the proposal before the Authority. The Proposal is for 6/8 laying of existing 4 lane NH-3 from Ch.539.500 (Vadape) to Ch. 563.000 (Thane) NH-3 Dist, Thane by NHAI. As per the presentation by the NHAI officials:

1. NH-3 is a busy corridor with exceptionally high traffic
2. It connects the Mumbai, Thane, Nashik, Dhule, Indore, Gwalior, Dholpur and Agra via Wadiware, Chandwad, Malegaon, Songir, Shirpur, Dharampuri, Dewas, Shajanpur, Sarangpur, Guna, Shivpuri.
3. National Highways - 211, 50, 6, 59A, 86, 12, 76, 25, 92, and 118 intersect NH 3 at different places.
4. The existing section of NH 3 from Vadape (km 539+500) to Thane (km 563+000), 23.50 km was initially constructed as a 2 lane road from km 539+500 to km 560+000 and 4 lane road for remaining length up to km 563+000 by GOM in 1985.

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5. Looking to Tremendous growth in Traffic (47000 PCU /day) 4 laning was done, as it is a vital link connecting NH-8, NH-3, NH-4 and NH-17 bypassing Mumbai City.

The officials further presented that proposed implementation of the project will divert and redistribute the heavy traffic on existing corridors namely NH-3. Further it will help dispersal of industrial growth away from existing centres focused around Thane and Bhiwandi. This project will also improve connectivity to proposed NME and Mumbai bypass Project which will provide investment destinations for manufacturing, automobile, defence, aerospace, information technology, textile and food processing.

The PP presented that alignment is passing through CRZ I, II, III and IV area. Details of which is as below:

CRZ- I		CRZ- I-A		CRZ -I-B		CRZ-II		CRZ-III		CRZ-IV	
Leng th (m)	Area (sq m)	Leng th (m)	Ar ea (sq m)	Leng th (m)	Are a (sq m)	Leng th (m)	Are a (sq m)	Leng th (m)	Area (sq m)	Leng th (m)	Are a (sq m)
1460	200 42	39	77 4	269	894 8	2616	265 41	2137	202 58	606	115 78

The Authority after discussion and deliberation decided to recommend the proposal to SEIAA subject to compliance of the following conditions-

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF time to time.
2. Hon'ble High Court permission should be obtained for construction activity in mangroves or its 50 meter buffer zone area.
3. NoC from the mangrove Cell should be obtained by the PP.
4. PP to obtain the NoC from competent Authority with reference to Thane Creek flamingo Sanctuary, if required.
5. Height of pillars and pylon should be such that free movement of fishing boats is ensured. Flow of tidal water shall not be obstructed.
6. Solid Waste generated during the construction phase of the bridge should not be dumped in the creek water and mangroves area, but should be


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disposed scientifically in compliance with prevailing Environment legislation.

7. Construction of bridge should not increase the turbidity of water body. Oil and grease from the equipment and machineries should not be allowed to enter into creek water.
8. Flow of creek water will not be obstructed by any means.
9. Proponent should consult the local fisherman communities about their issues and should strictly ensure that activities of local fisherman communities should not be hampered due to the proposed project.
10. All the other mandatory permission from different statutory authorities should be obtained prior to the commencement of work of project

Item No.30: WP No. 2741 of 2017 in Rajhans estates and Others V/s Union of India and Others before Hon High Court Mumbai regarding proposed construction of building on plot no. 170 bearing CTS No. 1042 of village Pahadi Goregaon (W) at Bangur Nagar, Goregaon (W), Mumbai.

The project proponent presented the proposal before the Authority. The proposal is for construction of building comprising basement + ground + 3 upper floors on plot no. 170 bearing CTS No. 1042 of village Pahadi Goregaon (W) at Bangur Nagar, Goregaon (W), Mumbai, as per DCR 1967, in accordance with para 8.II. CRZ II of the CRZ Notification, 2011.

The Proposal was deliberated in the 115th meeting of MCZMA held on 17th & 18th January, 2017, wherein the Authority refused the proposal, based on the observations that the plot under reference falls in mangroves buffer zone and further from the west side, plot is in the Seaward side of the CRZ II area. MCZMA vide letter dated 17th March, 2017 communicated the said decision to the PP.

The PP filed the Writ Petition bearing no. 2741/2017 (Rajhans Estates and Others V/s. Union of India and Others) against the decision of the Authority, wherein the Hon'ble High Court passed an order dated 27.9.2018:

(i) The decision dated 17th and 18th January 2017 (page178 of the petition) and the communication dated 17th March 2017 (page179 of the petition) are hereby set aside;

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- (ii) We direct MCZMA to consider the proposal of the petitioners afresh in the light of the judgment and order passed today in PIL No.87/2006. The proposal shall be reconsidered and appropriate decision shall be taken within a period of three months from today;*
- (iii) Rule is made absolute in the above terms."*

The PP during the meeting submitted the CRZ map in 1:4000 scale prepared by the IRS, Chennai which shows that the plot under reference is CRZ II area, however, partly within 50 m mangrove buffer zone area. The PP presented that construction is not proposed in 50 m mangrove buffer zone area. Proposed construction would be restricted to CRZ II area only. The PP further presented that the plot is situated on landward side of existing road, as per the CZMP dated 16.8.2018 of the Greater Mumbai approved as per the CRZ Notification, 2011.

The Authority observed the approved CZMP, under CRZ Notification, 2011 and noted that construction on the said plot could be permissible beyond 50 m mangrove buffer zone and on landward side of existing road.

In the light of above, the Authority after deliberation decided to recommend the proposal from CRZ point of view to concerned planning Authority subject to compliance of following conditions:

1. Proposed redevelopment should be in accordance with provisions of CRZ Notification, 2011 (amended from time to time).
2. The PP to ensure that construction is not proposed in 50 m mangrove buffer zone area and restricted to CRZ II area only. MCGM to strictly ensure the same. There shall not be violation of the Hon'ble High Court order dated 17th Sep, 2018 in PIL 87/2006. The MCGM to strictly ensure the same.
3. Local body to ensure that construction is proposed on landward side of existing road.
5. The Local Body to ensure that FSI for the proposed construction is as per the town and country planning regulation existing as on 19.2.1991 before issuing commencement certificate to the project.
6. All other required permission from different statutory authorities should be obtained.

Item No.31: WP No. 16433 of 2019 in JSW Steel Ltd V/s Union of India before Hon. High Court, Mumbai regarding Proposed construction of three bridges on plot bearing Gut no. 93 at


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village Kharkaravi and Gut no. 94 at village Kharmachela at Tal. Pen, Dist. Raigad by JSW.

The Project proponent presented the proposal before the Authority. The proposal is for construction of bridge on plot bearing Gut no. 93 at village Kharkaravi and Gut no. 94 at village Kharmachela at Tal. Pen, Dist. Raigad. The proposal was deliberated in the 128th meeting of MCZMA held on 20.12.2018, wherein the Authority noted the Hon^{ble} High Court order dated 17th September, 2018 in PIL 87/2006 passed by Hon^{ble} High Court of Mumbai. Since proposed bridge is situated in 50 m mangrove buffer zone area, the Authority suggested that the project proponent may approach Hon^{ble} High Court of Mumbai seeking relief from the above said order dated 17th Sep, 2018. Accordingly, the matter was deferred.

Hon. Court in the Writ Petition No. 1643 of 2019 in JSW Steel Limited V/s. Union of India & ors passed and Order dated 11.02.2019 as:

"4. This Court has examined certain matters and has granted permission. It has also granted permission in some matters, wherein, the Court found that the larger public interest demands so. However, in all such matters the permission has been granted only after the expert bodies like Ministry for Environment and Forest, Government of India, the Ministry of Environment and Forest, State of Maharashtra and Respondent no.2, herein, have granted the permissions. We find that it is for these bodies, who possess necessary expertise, to first find out as to whether the permission is necessary in the larger public interest or not. After application of mind, by such authorities with regard to grant or refusal of permission, the Court can consider, whether the larger public interest demands grant of such permission or not.

5. It appears that Respondent no. 2, herein, desires to adopt reverse procedure.

6. In that view of the matter, Respondent no.2 to take decision on the proposal of the Petitioner within a period of four weeks from today"

After deliberation, the Authority decided that site visit to be carried out by the Mangrove Cell in the matter. After receipt of the report from the Mangrove Cell, appropriate decision would be taken in the matter. Accordingly, the matter was deferred.


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Item No.32: SLA No. 9997 of 2018 in Chitralkha Rath V/s. MCGM & Ors before Hon^{ble} Supreme Court matter pertains to grant of post facto CRZ clearance to the bungalow no. 14 known as "Udhadhi Tarang Cottages Chs Ltd", on plot bearing CTS No. 866 situated on Juhu Road, Juhu, Vile Parle (W), Tal. Andheri, Mumbai

The project proponent was absent for the meeting. Hence, the matter was deferred.

Item No.33: Proposed laying of Natural Gas Transportation Pipeline with associated facilities from Boisar to Palghar, Dist. Palghar by M/s. Gujrat Gas Ltd

Representatives from M/s. Gujrat Gas Ltd presented the proposal before the Authority. The proposal is for laying of Natural Gas Transportation Pipeline with associated facilities from Boisar to Palghar, Dist. Palghar.

Proposed pipeline passing through CRZ area of length 6.336Km out of approx. total length of 19.3Km from which 888meter length of pipeline passes through mangrove area. Wherever mangroves are there Horizontal Directional Drilling (HDD) method will be adopted without any disturbance to mangroves patch. Pipeline will be buried underground at least approximate cover of 1 meter from natural contour level with a depth of 1 to 1.2 mt below ground level.

The Project proponent further presented all major rivers/Canals/Creek crossing will be carried out by Horizontal Directional Drilling method. Hence there will be no effect on permanent bodies. There will not be any change in the drainage pattern, as the top Surface will not be disturbed.

The Authority discussed that the pipeline should be laid underground at a depth of 10 meter, wherever mangroves vegetation is present, in order to avoid their destruction /cutting. As per CRZ maps submitted by PP, proposed pipeline falls in CRZ-I, CRZ-III, CRZ-IV & non CRZ area.

The Authority further noted that as per Para 4 (ii) (d), of CRZ Notification, 2011; Laying of pipelines requires prior approval from the MoEF.


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After detailed discussion and deliberation, the Authority decided to recommend the proposal to MoEF subject to compliance of the following conditions-

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. Prior High Court permission should be obtained by the PP, if the project involves cutting/ destruction of the mangroves or the project is proposed within 50 m mangrove buffer zone area.
3. Site preparation, installing pipeline and site restoration in CRZ area should be undertaken without damaging the coastal-geomorphological features, mangroves vegetation present in CRZ area.
4. Two end points of pipeline across coastal water body should be in Non CRZ area.
5. The pipeline should be laid underground at a depth of 10 metre, wherever mangroves vegetation is present, in order to avoid their destruction. No mangrove destruction / cutting is allowed due to the project.
6. Natural course of coastal water bodies should not be hampered due to proposed activities. Proper measures should be undertaken in order to avoid contamination of creek water.
7. All the safety measures should be implemented during construction and operation phase of the project.
8. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item no.34: Proposed laying of Natural Gas Transportation Pipeline with associated facilities from Umargam to Gholvad, Dist. Palghar by M/s. Gujrat Gas Ltd

Representatives from M/s. Gujrat Gas Ltd presented the proposal before the Authority. Proposal is for laying of Natural Gas Transportation Pipeline of width 12" with associated facilities from Umargam to Gholvad, Dist. Palghar.

Out of total length of Approx. Km of pipeline, proposed Gholvad Spur line passes through CRZ area for length Approx. 10.7 km in which 4.46km in Gujarat State and 6.22 km in Maharashtra state. Pipeline will be buried


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underground at least approximate cover of 1 meter from natural contour level with a depth of 1 to 1.2 mt below ground level.

The Project proponent presented that all major rivers/Canals/Creek crossing will be carried out by Horizontal Directional Drilling method. Hence there will be no effect on permanent bodies. There will not be any change in the drainage pattern, as the top Surface will not be disturbed.

The Authority discussed that the pipeline should be laid underground at a depth of 10 metre, wherever mangroves vegetation is present, in order to avoid their destruction /cutting. As per CRZ maps submitted by PP, proposed pipeline falls in CRZ-I, CRZ-III, CRZ-IV & non CRZ area.

The Authority further noted that as per Para 4 (ii) (d), of CRZ Notification, 2011; Laying of pipelines requires prior approval from the MoEF.

After detailed discussion and deliberation, the Authority decided to recommend the proposal to MoEF subject to compliance of the following conditions-

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. Prior High Court permission should be obtained by the PP, if the project involves cutting/ destruction of the mangroves or the project is proposed within 50 m mangrove buffer zone area.
3. Site preparation, installing pipeline and site restoration in CRZ area should be undertaken without damaging the coastal-geomorphological features, mangroves vegetation present in CRZ area.
4. Two end points of pipeline across coastal water body should be in Non CRZ area.
5. The pipeline should be laid underground at a depth of 10 metre, wherever mangroves vegetation is present, in order to avoid their destruction. No mangrove destruction / cutting is allowed due to the project.
6. Natural course of coastal water bodies should not be hampered due to proposed activities. Proper measures should be undertaken in order to avoid contamination of creek water.
7. All the safety measures should be implemented during construction and operation phase of the project.


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8. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item no.35: Proposed laying of Natural Gas Transportation Pipeline with associated facilities from Boisar to Dahanu, Dist. Palghar by M/s. Gujrat Gas Ltd

Representatives from M/s. Gujrat Gas Ltd presented the proposal before the Authority. The proposal is for laying of Natural Gas Transportation Pipeline of 8"/12" Dia. with associated facilities from Boisar to Dahanu, Dist. Palghar. Proposed Dahanu Spur line passes through CRZ area of length 8.394 Km out of total length of 36 Km in Palghar District. Pipeline will be buried underground at least approximate cover of 1 meter from natural contour level with a depth of 1 to 1.2 mt below ground level.

The Project proponent presented that all major rivers/Canals/Creek crossing will be carried out by Horizontal Directional Drilling method. Hence there will be no effect on permanent bodies. There will not be any change in the drainage pattern, as the top Surface will not be disturbed.

The Authority discussed that the pipeline should be laid underground at a depth of 10 metre, wherever mangroves vegetation is present, in order to avoid their destruction /cutting. As per CRZ maps submitted by PP, proposed pipeline falls in CRZ-I, CRZ-III, CRZ-IV & non CRZ area.

The Authority further noted that as per Para 4 (ii) (d), of CRZ Notification, 2011; Laying of pipelines requires prior approval from the MoEF.

After detailed discussion and deliberation, the Authority decided to recommend the proposal to MoEF subject to compliance of the following conditions-

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. Prior High Court permission should be obtained by the PP, if the project involves cutting/ destruction of the mangroves or the project is proposed within 50 m mangrove buffer zone area.


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3. Site preparation, installing pipeline and site restoration in CRZ area should be undertaken without damaging the coastal-geomorphological features, mangroves vegetation present in CRZ area.
4. Two end points of pipeline across coastal water body should be in Non CRZ area.
5. The pipeline should be laid underground at a depth of 10 metre, wherever mangroves vegetation is present, in order to avoid their destruction. No mangrove destruction / cutting is allowed due to the project.
6. Natural course of coastal water bodies should not be hampered due to proposed activities. Proper measures should be undertaken in order to avoid contamination of creek water.
7. All the safety measures should be implemented during construction and operation phase of the project.
8. All other required permissions from different statutory authorities should be obtained prior to commencement of work.

Item no. 36: Proposed development in sustainable way under 'Paryatanatun Swayam Rojagarakade' scheme in Sindhudurg District by Collector office, Sindhudurg.

The matter was deferred for want of more information from the PP.

With the consent of the Chairman, MCZMA, Additional Items

Item no. 1: Proposed construction of tourism jetty at Kashid, Tal. Alibag, Dist. Raigad by MMB

The MMB officials presented that the proposal is for construction of tourism jetty at Kashid. The project involves piled jetty having length 800m and width 10m. The proposed project is situated in CRZ I (B) area. The proposal involves following activities:

- Proposed jetty is located on Northern end of Kashid beach.
- RCC Pile Jetty with approach & Breakwater
- Dimensions of jetty : 60.00m x 10.00m
- Breakwater : 710 meter in length


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The Authority noted the proposal was earlier discussed in 127th meeting of the MCZMA wherein the Authority sought following information:

1. MMB to submit the Hydraulic study of the project area.
2. Sediment study model report to understand the accretion/ erosion pattern of the area of Kashid beach. MMB to get the sedimentation study done from expert Govt agency / institute like NCSCM, Chennai.
3. Site Specific EIA report along with Cost Benefit Analysis of the project.
4. EIA report should elaborate on impact of breakwater and jetty on erosion / accretion pattern of the Kashid beach & other nearby areas. MMB to explore other options for the design of the jetty and breakwater so that it occupies minimum footprint in intertidal areas & to minimize its impact on coastal ecology.

The MMB officials presented that location & design of the jetty & breakwater at Kashid has been explored and it is found that construction of jetty and breakwater will not have any adverse impact on the Kashid beach. It was further presented that Hydraulic study and Rapid EIA has been submitted to the Authority. However, the Authority observed that MMB need to submit the sedimentation study model report and site specific EIA with cost benefit analysis, so that impact of the construction on kashid beach could be more assessed. The MMB submitted that above said information will be submitted to MCZMA at the earliest.

Accordingly, the matter was deferred, for the submission of the above said information.

Item no. 2: Proposed construction of passenger jetty at village Panju,
Dist: Palghar.

The MMB officials presented the proposal before the Authority. The proposal is for construction of passenger jetty at village Panju, Dist: Palghar. It was noted that the proposed jetty is required for the local inhabitants residing on Panju Island. The MMB officials presented that there are no mangroves on the site of the proposed jetty.

The Authority observed the approved CZMP of the Thane & Palghar and noted that panju island has extensive mangrove vegetation.

In the light of above, the Authority after deliberation decided that the


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Mangrove Cell shall make a site visit in order to ascertain whether the jetty is proposed in mangroves or its 50 m buffer zone area. After receipt of the site visit report, the Authority shall consider the matter for further appropriate decision in the matter.

Item No.3: **Proposed Development of the waterfront at 1) Parsik, 2) Nagalabander, 3) Waghbil, 4) Kavesar, 5) Kolshet, 6) Saket-Balkum, 7) Kalwa & 8) Kopri at Thane by Thane Municipal Corporation.**

The officials of Thane Municipal Corporation (TMC) presented the proposal before the Authority. The proposal is for development the waterfront along the thane creek at 8 stretches of the creek-front. The said project is proposed under Thane Smart City Limited.

The Thane city has an area of 128 sqkm and length of the waterfront along the Thane creek is 32 km. Presently, the creek-front stretches at thane is threatened by illegal activities such as slum encroachments, filling/reclamation of creek, dumping of waste into the creek etc.

The TMC has prepared a master plan for the development of the waterfront with a view to create a eco-friendly waterfront all along the coastal stretch spreading from Kalwa, Diva, Mumbra up to Gaimukh on Ghodbunder Road. The waterfront development Plan aims to restore the coastal stretches with preserving the coastal ecology in order to stop the degradation of the coastal stretches from the illegal activities. Beautification of the creek front will generate socio - cultural synergy to improve people interaction with nature.

The Officials of TMC presented that the project is implemented on a linear stretch of land located along the creek-front at 1) Parsik, 2) Nagalabander, 3) Waghbil, 4) Kavesar, 5) Kolshet, 6) Saket-Balkum, 7) Kalwa & 8) Kopri at Thane.

The TMC has prepared a brief project report for the project along with Rapid EIA/ EMP report. Layout of activities proposed in each stretches has been superimposed on the CZMP of the Thane city, under CRZ Notification, 2011.

Details of the proposed activities presented by the TMC is as under:


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1) Parsik stretch:

By developing the parsik stretch of length approx. 1.56 km, waterfront from Mumbra Bypass to Kharegaon toll naka at Parsik will be beautified with following activities:

PARSIK WATERFRONT				
Sr No	Proposed activities	CRZ category	Area in Ha	Length in Km
1	Jetty and allied activities 2 No	CRZ II	0.5607	
		CRZ IB	0.431	
2	Parking 3 No	CRZ II	1.2454	
3	Amphitheatre 2No	CRZ II	1.0471	
4	Compound wall & Entry Gate	CRZ II		1.66
5	Garden & Seating with Walkway	CRZ II	7.2119	
	Garden with Trees	CRZ II	0.3624	
6	Mangrove protection fence (Elements will be in Natural Element)	CRZ II		0.158
7	eco san Toilet 4 No	CRZ II	0.0277	
8	Storm water drain for protection of natural water course	CRZ II		0.397
9	Erosion control measure (Gabion wall beautification)	CRZ II, CRZ IB		1.19
10	Walkway on stilt	CRZ II, CRZ IB		0.3
11	Security cabin/ Rain shelter	CRZII	0.00924	
12	Fountain	CRZ II	0.02	
13	Rainwater Harvesting pond	CRZ II	0.015	
14	Gazebo	CRZ II	0.015	
	Total Area		Around 10.95	

2) Nagalabander Stretch:

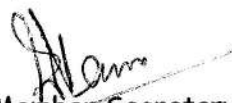

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By developing Naglabunder stretch of length approx. 1.83 km, waterfront at Naglabunder will be beautified with following activities:

NAGLABANDAR				
Sr No	Proposed activities	CRZ category	Area in Ha	Length in Km
1	reconstruction of existing jetty and allied activities	CRZ II	0.2200	
		CRZ IB	0.1800	
2	canopy/ rainshelter	CRZ II	0.5200	
3	covered amphitheatre	CRZ II	0.2600	
4	rain water harvesting pond	CRZ II	0.0800	
5	parking -3 no.	CRZ II	0.9200	
6	compound wall and entry gate	CRZ II		1.1260
7	fountain	CRZ II	0.0100	
8	security cabin- 3 no.	CRZ II	0.0100	
9	gazibos	CRZ II	0.0100	
10	garden with pathway and seating	NON CRZ	0.1700	
	garden & seating with walkway	CRZ II	8.4800	
	garden with nature trail and seating (elements in natural material)	CRZ I BUFFER ZONE	1.2400	
	garden with trees	CRZ IB	1.0633	
11	mangrove protection fence (elements in natural material)	CRZ II		0.1460
		CRZ I BUFFER ZONE		1.0090
12	Nature trail on stilt (using Eco-friendly material), substructure (piles) will not disturb existing mangroves and nalla)	CRZ I BUFFER ZONE	0.6000	0.2000
		CRZ II	0.1000	0.0700
13	eco san toilet-3 no.	CRZ II	0.1360	
14	storm water drain for protection of natural water courses - 3 no.	CRZ II , CRZ I		0.3100


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15	erosion control measure (gabion)	CRZ IB		1.0970
16	removal of debris in creek	CRZ IB	0.9000	
	total area		Around 14	

3) Waghbil stretch:

By developing the Waghbil stretch of approx. length 5.36 km, waterfront at Waghbil will be beautified with following activities:

WAGHBIL				
Sr No	Proposed activities	Zone	Area in Ha	Length in Km
1	Garden & Seating with Walkway	CRZ II	1.4140	
2	rain water harvesting Pond /fountain	CRZ II	0.0265	
3	Amphitheatre	CRZ II	0.0333	
4	rain shelter	CRZ II	0.0104	
5	gazebo	CRZ II	0.0078	
6	ECO SAN Toilet	CRZ II	0.0043	
7	Compound wall & Entry Gate	CRZ II		0.4150
8	reconstruction of existing jetty	CRZ IB	0.0300	
9	erosion control measure (gabion wall)	CRZ IB		0.2600
10	Refurbishment of the existing kharland bund	CRZI (BUFFER ZONE)	1.6100	
11	Garden with natural trail & seating (Elements will be in Natural Element)	CRZI (BUFFER ZONE)	0.8760	
12	Mangrove protection fence (Elements will be in Natural Element)	CRZI (BUFFER ZONE)		4.8000
13	Nature trail on stilt (culvert)	CRZI (BUFFER ZONE)	0.0150	
14	Security Cabin	CRZII	0.002	


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	Total Area		Around 4.03	
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4) Kavesar stretch:

By developing kavesar stretch of length approx. 1.2 km, waterfront at Kavesar will be beautified with following activities:

Kavesar				
Sr No	Proposed activities	Zone	Area in Ha	Length in Km
1	Garden & Seating with Walkway	CRZII	7.741	
2	Pond	CRZII	0.04	
2	Fountain	CRZII	0.025	
	Amphitheatre	CRZII	0.0800	
	Compound wall & Entry Gate	CRZII		0.9800
3	Gazebo	CRZII	0.0078	
4	eco san Toilet	CRZII	0.0043	
5	Mangrove protection fence (Elements will be in Natural Element)	CRZI (BUFFER ZONE)		1.6100
6	Garden with natural trail & seating (Elements will be in Natural Element)	CRZI (BUFFER ZONE)	4.2200	
7	Security Cabin	CRZII	0.002	
	Total Area		Around 12.12	

5) Kolshet stretch:

By developing kavesar stretch of length approx. 0.65 km, waterfront at Kolshet will be beautified with following activities:

Kolshet				
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Sr No	Proposed activities	Zone	Area in Ha	Length in Km
1	Garden & Seating with Walkway	CRZ II	0.4900	
2	erosion control measures (gabion wall)	CRZ IB		0.2300
3	mangrove trail and mangroves park	CRZ I (BUFFER ZONE)	3.1200	
4	Mangrove protection fence (Elements will be in Natural Element)	CRZ I (BUFFER ZONE)		2.6800
5	nature trail on stilt (culvert)	CRZ I (BUFFER ZONE)	0.0150	
6	Rain Shelter / Security Cabin	CRZ II	0.001	
	Total Area		Around 3.63	

6) Saket- Balkum:

By developing the Saket- Balkum stretch of length approx. 1.1 km, waterfront from Saket to Balkum will be beautified with following activities:

SAKET AND BALKUM				
No	Proposed activities	Zone	Area in Ha	Length in Km
	reconstruction of existing jetty and allied activities	CRZ I BUFFER ZONE	0.0443	
	mangrove protection fence (elements in natural material)	CRZ I BUFFER ZONE		1.2
	garden with nature trail and seating (elements in natural material)	CRZ I BUFFER ZONE	1.013	


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	rain shelter	CRZ I BUFFER ZONE	0.0464	
	nature trail on stilt (using eco-friendly material), substructure (piles) will not be disturbed existing mangroves and nalla)	CRZ I BUFFER ZONE	0.15	0.5
	reconstruction of existing storm water drain	CRZ I BUFFER ZONE	0.45	1.5
	storm water drain for protection of natural water courses - 6 no.	CRZ I BUFFER ZONE		0.13
	reconstruction of existing public utility	CRZ I BUFFER ZONE	0.03	
	waiting area	CRZ I BUFFER ZONE	0.166	
	Total area		Around 1.90	


7) Kalwa Shastri Nagar stretch:

By developing kalwas shastri nagar stretch of length approx. 0.26 km, waterfront at Kalwa will be beautified with following activities:

Kalwa Shastri Nagar				
Sr No	Proposed activities	Zone	Area in Ha	Length in Km
1	Garden & Seating with Walkway	CRZII	0.2140	
2	Fountain	CRZII	0.0064	
3	Gazebo	CRZII	0.0050	
4	Refurbishment of existing toilet (ECO SAN Toilet)	CRZII	0.0043	
5	Reconstruction of storm water drain for protection of natural water course	CRZII		0.2000
6	Compound wall & Entry Gate	CRZII		0.3000


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7	Garden with natural trail & seating (Elements will be in Natural Element)	CRZI (BUFFER ZONE)	0.8450	
8	Mangrove protection fence (Elements will be in Natural Element)	CRZI (BUFFER ZONE)		0.370 0
9	Security Cabin	CRZII	0.001	
	Total Area		Around 1.08	

8) Kopri stretch:

By developing the kopri stretch of length approx. 0.75 km, waterfront at Kopri will be beautified with following activities:

Kopri				
Sr No	Proposed activities	Zone	Area in Ha	Length in Km
1	Reconstruction of Jetty	CRZ IB	0.0280	
2	Jetty Allied Work	CRZI (BUFFER ZONE)	0.3080	
3	Garden with natural trail & seating (Elements will be in Natural Element)	CRZI (BUFFER ZONE)	0.3260	
4	Refurbishment of existing rain shelter -3 Nos	CRZ I (BUFFER ZONE)	0.0070	
5	Refurbishment of existing toilet	CRZ I (BUFFER ZONE)	0.0060	
6	Mangrove protection fence (Elements will be in Natural Element)	CRZ I (BUFFER ZONE)		0.3000
7	Reconstruction of existing Road	CRZII	0.8250	
8	Garden and tree plantation along existing bund	CRZI (BUFFER ZONE)	0.0510	
	Total Area		Around 1.55	

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The Authority deliberated the activities proposed at each site, considering the approved CZMP of the Thane, under CRZ Notification, 2011, google image and court orders in the matter. The project aims to maintain the coastal stretches where degradation of the coastline by illegal encroachments and dumping of debris in creek etc. However, existing coastal biodiversity should not be hampered due to proposed waterfront project. Mangroves along the creek-front should be protected and preserved. Natural creek flow should not be disturbed by encroaching upon creek. Construction debris should not be dumped in mangrove or creek. Solid elements proposed in the project such as amphitheatre, fountain etc should be proposed in CRZ II area. The Authority further noted that solid wall structures should not be proposed along the creek-front as erosion control measures. The TMC has proposed gabions structure to strengthen the creek bank. It was further presented by the TMC officials that land levelling will be done considering the drainage pattern of the area. The Authority suggested that competent agencies like CWPRS/ IIT may be consulted for the design of the gabions structure and land levelling activities taking into consideration the drainage pattern of the area. It would also provide transitory system to develop aquatic plants and support marine life of the creek. It was further noted that proposals were earlier discussed in 125th meeting of the MCZMA.

The Authority also noted the orders passed by the Hon'ble High court of Mumbai. In the court order dated 26th July, 2018 in PIL No. 20637/2018, the TMC officials stated that debris will not be dumped and thane creek (east) will not be reclaimed near Kopri Mithbunder, Gaimukh Naglabunder, Saket Balkum and Mumbra Retibunder.

The TMC officials presented that activities proposed in the projects, in CRZ I (B) and CRZ II area are permissible as per the CRZ Notification, 2011. Accordingly, said activities will be carried out. The Authority instructed the TMC officials that no mangrove should be cut/destroyed for project activities and activities proposed in 50 m mangrove buffer zone, shall be commenced only after obtaining Noc form the Mangroves cell and prior permission from the High Court of Mumbai. The project involves public interest.

After deliberations, the Authority decided to recommend the proposal to SEIAA with subject to following conditions:


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1. The proposed waterfront development should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. No mangroves should be cut/ destroyed for the project activities.
3. Solid elements proposed in the project such as amphitheater, fountain etc should be proposed in CRZ II area.
4. Prior High Court permission should be obtained for the activities such as jetty & its allied facilities, garden with natural trail & seating arrangements etc, proposed in 50 m mangrove buffer zone
5. NoC from the mangroves cell should be obtained for the proposed activities in 50 m mangroves buffer zone area.
6. PP to obtain the NoC from competent Authority with reference to Thane Creek flamingo Sanctuary, if required.
7. TMC to ensure that dumping of the debris in mangrove and creek is not allowed.
8. TMC to ensure the tidal flow of coastal water body should not be hampered due to proposed activities.
9. Competent agencies like CWPRS/ IIT may be consulted for the design of the gabions structure and land levelling activities taking into consideration the drainage pattern of the area.
10. TMC to ensure there shall no discharge of any untreated sewage / untreated effluent in CRZ area.
11. TMC to ensure that fishing activities of the fishermen communities should not be hampered due to project activities.
12. All other required permission from different statutory authorities should be obtained.

Item No. 4: Proposed construction of Multipurpose Sports complex at Kalwa (Survey No.425), Thane by Thane Municipal Corporation

The officials of TMC presented the proposal before the Authority. The proposal is for construction of Multipurpose Sports complex at Kalwa (Survey No.425), Thane. Project area details: Linear stretch of land with an approx. length of 181 meters and width of 153.41 meters occupied an area of 0.58 Ha. lies between Latitude 19°11'24.70"N and Longitude 72°59'13.19"E.


Member Secretary


Chairman

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The proposed project will serve to satisfy the local community to participate in sports activities for those who currently travel to see sporting events outside, also improve the condition the surrounding. Project also helps in preventing illegal encroachment and dumping of solid waste in the creek area. The proposal was earlier discussed in 125th meeting of the MCZMA.

Details of the project activities are as follows:

Sr. no.	Features	Total area (Ha)	CRZ category	Area (Ha)	Project feature
1.	Recreational Ground II (RG II)	0.37	Non CRZ	0.15	Open ground with seating arrangements, approach road
			CRZ II	0.22	
2	Recreational Ground I (RG 1)	0.21	CRZ II	0.21	Badminton court, approach road, Cricket Net
Total area		0.58		0.58	

After deliberations, the Authority decided to recommend the proposal to SEIAA with subject to following conditions:

1. The proposed development should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. TMC to ensure that no mangrove vegetation is affected due to proposed project. Further, activities should not be proposed in 50 m mangrove buffer zone area.
3. PP to obtain the NoC from competent Authority with reference to Thane Creek flamingo Sanctuary, if required.
4. PP to ensure that no reclamation is allowed in intertidal area i.e. CRZ-I area.
5. PP to ensure the tidal flow of coastal water body should not be hampered due to proposed activities.


Member Secretary


Chairman

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6. TMC to ensure that dumping of the debris in mangrove and creek is not allowed.
7. PP to ensure there shall no discharge of any untreated sewage / untreated effluent in CRZ area.
8. All other required permission from different statutory authorities should be obtained.

**Item No.5: Development of recreational facilities at Kopri, Thane by
Thane Municipal Corporation (TMC)**

The officials of TMC presented the proposal before the Authority. The proposed plan includes construction of eco-friendly jogging track at Swami Smarth Math road, development and renovation of Annabhau Sathe garden in Kopri ward committee and an open gym for recreational activity. The proposal was earlier discussed in 125th meeting of the MCZMA.

Details of the proposed activities are as follows:

Project Elements	CRZ category	Area (Ha)
Jogging Track	CRZ I (Mangrove Buffer Zone)	0.30
Renovation of Existing Annabhau Sathe Udyan	CRZ I (Mangrove Buffer Zone)	0.15
Total Area		0.45

The Authority instructed the TMC officials that no mangrove should be cut/destroyed for project activities and activities proposed in 50 m mangrove buffer zone, shall be commenced only after obtaining Noc form the Mangroves cell and prior permission from the High Court of Mumbai. The project involves public interest.

After deliberations, the Authority decided to recommend the proposal to SEIAA with subject to following conditions:

1. The proposed development should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.

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2. TMC to ensure that no mangrove should not be cut/ destroyed for the project activities.
3. Prior High Court Permission should be obtained, for the project activities proposed in 50 m. mangrove buffer zone.
4. NoC from the mangroves cell should be obtained for the proposed activities in 50 m mangroves buffer zone area.
5. PP to obtain the NoC from competent Authority with reference to Thane Creek flamingo Sanctuary, if required.
6. PP to ensure the tidal flow of coastal water body should not be hampered due to proposed activities.
7. TMC to ensure that dumping of the debris in mangrove and creek is not allowed.
8. PP to ensure there shall no discharge of any untreated sewage / untreated effluent in CRZ area.
9. All other required permission from different statutory authorities should be obtained.

-----Meeting ended with vote of thanks-----

Annexure I

List of the members present in the meeting:

1. Mr. Vasudevan, Additional Principal Chief Conservator of Forest, Mangrove Cell, Mumbai
2. Mr. Kandalkar, Dy. Chief Engineer, Municipal Corporation of Greater Mumbai.
3. Dr. Khot Mahadev Satappa, Principal, Chh. Sambhaji Raje Sainik School, Ratnagri, Expert Member, MCZMA
4. Mr. Kudale, Ex director, CWPRS, Pune, Expert Member, MCZMA
5. Mr. Suryakant K. Nikam Member Secretary, MCZMA


Member Secretary


Chairman