

**Minutes of the meeting of Andhra Pradesh Coastal Zone Management Authority held in the Conference Hall of the Principal Secretary to Government, E.F.S&T. Department, Interim Government Complex, A.P. Secretariat, Velagapudi, Amaravati on 25-10-2017 at 09.30 AM.**

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**The following Members were present:**

1.	Sri G. Anantharamu, IAS, Principal Secretary to Government, E. F. S & T. Department, A.P. Secretariat, Velagapudi, Amaravati.	Chairman
2.	Dr. L. Suri Naidu, Technical Officer, National Geophysical Research Institute, Hyderabad.	Member
3.	Prof A. C. Narayana, Centre for Earth and Space Sciences, University of Hyderabad, Gachibowli, Hyderabad.	Member
4.	Prof. D. Erribabu, Department of Zoology and Marine Living Resources, Andhra University, Visakhapatnam – 530 003.	Member
5.	Dr. S. B. Choudhary, Head, Oceanographic Science Group, National Remote Sensing Centre, Balanagar X Roads, Hyderabad.	Member
6.	Dr. B. PrabhakarRao, Scientist – F (Retired), National Institute of Oceanography, Visakhapatnam – 530 003.	Member
7.	Smt. Surekha DharitriRakshitaSamithi, Kakinada.	Member
8.	Sri. B. Pullaiah, Asst .Secretary, Disaster Management, Revenue Department, A.P. Secretariat, Velagapudi, Amaravati.	Representing Revenue Dept.
9.	Sri B. S. S. Prasad, Member Secretary, Andhra Pollution Control Board, Hyderabad.	Member Secretary

At the outset, the Principal Secretary to Government, EFS&T. Department and the Chairman of the Andhra Pradesh State Coastal Zone Management Authority welcomed the Members of the Authority which was constituted by the

Ministry of Environment and Forests, Government of India through S.O.1421(E), dated 13-04-2016. The Chairman of the Authority initiated the discussions on the items included in the Agenda. He requested the Members to offer their opinion on the proposals keeping in view the provisions of Coastal Regulation Zone Notification, 2011 and amendments made to the Notification from time to time.

**1. M/s. Saraca Laboratories limited, Boyapalem(V) Ranastalam(M) Srikakulam District - Marine Disposal of treated effluents through existing dedicated pipeline I from the existing Bulk drug unit at IDA, Pydibhimavaram - Issue of Corrigendum by MoEF & CC.**

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1. M/s. Saraca Laboratories Limited (SRL) is an existing unit engaged in manufacture of Bulk Drugs and Intermediates. The unit is located at Sy. No.3/1, 3/4, 3/6M, 3/8 to 3/15 of Boyapalem Village of Srikakulam District. There is another unit managed and administered by the same management known as M/s. Andhra Organics Limited, located at Plot No.110A, IDA Pydibhimavaram, Srikakulam District. After obtaining environmental Clearances, M/s. Saraca Laboratories Limited located in Boyapalem(V), Ranastalam(M) Srikakulam District submitted proposal for laying dedicated common marine outfall pipeline for discharge of treated effluents generated from both the units to the A.P Coastal Zone management Authority for the appraisal. The Impact statement and firming up of the pipeline was carried by the National Institute of Oceanography (NIO). The proposal for discharge of treated effluents through a pipeline of 20 cm diameter, as a common facility intended to cater the needs of the M/s. Saraca Laboratories Limited and M/s. Andhra Organics Limited, was examined by the Andhra Pradesh Coastal Zone Management Authority (APCZMA) in the meeting held on 01-05-2007. APCZMA issued NOC subject to the adherence of the standards stipulated by APPCB and CPCB for the marine discharge of treated effluents from both the units. Further the Authority also recommended the clearance for laying the pipeline connected to diffuser to discharge of treated effluents into the sea through coastal regulation zone .

2. The pipeline on terrestrial CRZ area on terr is passing through CRZ-III including no development zone before entering inter tidal zone ie., the area lying between HTL and LTL. The marine part of the pipeline is classified as CRZ-IV. NIO had recommended marine outfall point near Donepeta hamlet of Mentada (V) & M, in Vizianagaram District with a total designed discharge capacity of 459 KLD of treated effluents. The discharges permitted from M/s Andhra Organics Limited is 284 KLD and 95 KLD in the case of M/s. Saraca Laboratories Limited, as indicated in the CFE order of A.P. Pollution Control Board.

3. The industry laid the sub-terrain and sub-marine pipeline as suggested by the National Institute of Oceanography (NIO) up to a length of 600 meters in CRZ and about 1000 meters into the sea at a depth of (-) 10 Meters into the sea to ensure dilution of the effluent 340 times with a two port diffuser system of 0.050 m diameter. The existing pipeline is utilized to discharge the treated effluents by M/s. Andhra Organics limited and occupation rate is about 50% only. The physic- chemical characteristics of the treated effluents are closely monitored by the APPCB before discharging into the sea as stipulated in the NOC issued by APCZMA. The maximum generation of treated effluents from M/s. Saraca laboratories limited is 95 KLD at full capacity and the combined effluents from both the units will be 379 KLD out of the designed capacity of pipeline of 459 KLD. It may me noted that both the units are located on the landward side beyond CRZ and necessary Environmental Clearances under the provisions of relevant EIA notifications and CRZ clearance for laying the pipeline through CRZ areas were issued by the MoEF&CC, GoI. No new pipelines are envisaged at present as there is adequate capacity in the existing discharge pipeline as envisaged in the EIA statement prepared by the NIO.

4. At present M/s. Andhra Organics Limited is utilizing the pipeline to discharge the treated effluent. M/s. Saraca Laboratories Limited is the custodian for the purpose of operation and maintenance of the pipeline and is a dedicated exclusively for the purpose of discharge of treated effluent from both the units. The Ministry of Environment, Forests and Climate Change may be requested to issue a corrigendum to the clearance issued under the provisions of the CRZ

notification 1991 to clear ambiguity by mentioning " marine disposal of treated effluent through combined pipeline of M/s. Andhra Organics Limited & M/s. Saraca laboratories Limited" so as to enable M/s. Saraca Laboratories Limited to discharge the treated effluent from their unit located at Boyapalem(V) Ranastalam(M) Srikakulam District through the combined pipeline of both the units.

**5. The proposal was examined by the Authority and felt that there was no new construction involved except incorporating the names of both user industries. The Authority agreed with the idea of utilizing the available spare capacity in the existing pipeline, instead of laying a new pipeline into the sea. The Authority has opined that construction of new pipeline involves excavation and anchoring of pipeline, which disturbs the natural profile of the beach and sea bed and result in adverse impact on marine flora and fauna. The Authority also suggested that all the industries having marine disposal facility shall join the common monitoring programme of marine environment taken by the APPCB through NIO a national premiere agency for this purpose. The APCZMA decided to recommend the proposal to the MOEF &CC, Government of India to issue necessary Corrigendum duly incorporating the words " combined pipeline of M/s. Saraca Laboratories Limited and M/s. Andhra Organics Limited" in the clearance accorded by the MOEF&CC, Government of India as stipulated in their letter no. 10-47/2007/1A(III) dated 17.09.2007.**

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**2. M/s. The Bheemunipatnam Mutually Aided Co-operative Building Society Limited, Sy No.118 (old Sy No.49/1), Nerellavalasa (V), Bheemunipatnam (M), Visakhapatnam District.- Approval by APCZMA under the provisions of CRZ Notification, 2011.**

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1. The Bheemunipatnam Mutually Aided Cooperative Building Society Limited., 2443, Bheemunipatnam proposed to develop the area of Ac.373.95 cts for construction of residential houses at Survey No.118 (old S. No.49/1), Nerellavalasa

Village, Bheemunipatnam (M) of Visakhapatnam District. The Director General, Geological Survey of India, Kolkata has notified 29 sites of geological importance and geo-morphic expressions, which have been declared by GSI as the National Geological Monuments (Geoheritage sites). The declaration of Geological heritage sites intends to keep their intrinsic worth and natural beauty as a legacy for future generations. The Erramatti Dibbalu - the dissected and stabilized coastal red sediment mounds located between Visakhapatnam and Bheemunipatnam, Andhra Pradesh is an important Geological Heritage Site which has been declared by GSI as National Geological Heritage site through GSI Resolution No.150/CD/Geological Heritage Site/Andhra Pradesh/2014, dated 19-07-2014.

2. The District Collector, Visakhapatnam stated in the Endorsement that an extent of Ac.94.65 cts has been covered under the conservation area known as Geological Heritage Site Geological Heritage Site and directed the Building Society to furnish revised proposal. Accordingly, the BMACBS Ltd, resubmitted the proposal for the development of Integrated Town Ship in Nerellavalasa Village of Bheemunipatnam Mandal of Visakhapatnam District over an extent of Ac.279.30 cts (i.e.Ac.373.95 cts – Ac.94.65 cts). The total cost of the project is about Rs.125 crores.

3. The Institute of Remote Sensing an authorised agency carried out demarcation of HTL, LTL and CRZ. As per the report, the total area of the site is Ac.279.30 cts. The area covered in CRZ-III is Ac.84.50 cts and Ac.16.30 cts is falling in No Development Zone (NDZ) i.e. within 200 m from HTL. The balance area of Ac.68.20 cts is covered in 200-500 m from HTL of CRZ-III. Thus the net area beyond CRZ is Ac.194.80 cts. The distance of the area along the coast line is 2300 m. (2.3 Km). An extent of Ac.41.65 cts is earmarked for raising the Green belt of 3 m width all along the periphery of the plot area. The Sewage Treatment Plant (STP) is proposed on Ac. 4.17 cts which is classified as CRZ-III within 200-500 m. The projected water requirement is 1450 cum per day, which will be drawn from the local urban authority and generation of waste water from different sources is projected as 1450 cum/day. The recycled water is indicated as 362 cum/day and is proposed to be utilized for raising green belt. The estimated generation of solid waste is 500-750 Kg/day from the 5500 kg/day of garbage.

4. The Authority examined the proposal in the meeting held on 29-08-2016. The Authority deferred the authorization of building proposals and desired that the location of the buildings in CRZ-III areas be shown on Google earth maps. The developer submitted the information on CRZ Map, Land documents , VUDA endorsement letter and Layout plan.

5. As per paragraph 8.III. B.(vii) of CRZ Notification, 2011 the building proposals for construction or reconstruction of dwelling units in CRZ-III areas covered in 200-500 m zone on landward side of HTL are permitted activity, subject to so long it is within the ambit of traditional rights and customary uses such as existing fishing villages and goathans. Building permission for such construction or reconstruction will be subject to local town and country planning rules with overall height of construction not exceeding 9mts with two floors (ground + one floor). The local authority is also authorised to give permissions for such buildings which are classified as CRZ-III in Development area i.e. 200-500 m.

**6. The Authority examined the proposal and sought confirmation of the area of the "Erramatti Dibbalu" a Geological Heritage Site by the Geological Survey of India. The Authority also sought detailed information with regard to recycling of waste water and solid waste treatment. The Authority constituted a sub-committee consisting the members of the Authority to undertake a field visit to study environmental aspects and to make necessary recommendations for according authorisation.**

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**3. M/s. Indian Oil Corporation Limited (IOCL), Visakhapatnam – Laying of product pipeline from Paradip Refinery, Odisha, – Hyderabad, Telangana State through the State of Andhra Pradesh - Approval by APCZMA under the provisions of CRZ Notification, 2011.**

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1. M/s.Indian Oil Corporation Limited (IOCL) (Pipeline Division) has submitted a proposal to lay 1212 Km long dedicated product pipeline with Optical Fiber Cable(OFC) for evacuation of white oil products i.e., MS, HSD, SKO & ATF from the existing Paradip refinery to various depots located in the states of Odisha, Andhra

Pradesh and Telangana. The outer diameter of the proposed product pipeline is 16" within the state of Andhra Pradesh. The capacity of the proposed Paradip-Hyderabad product Pipeline of the IOCL is 4.5 MMTPA and provides connectivity to a new grass root depot at Berhampur in Odisha, Indian Oil's existing depots at Vizag, Rajahmundry and Vijayawada in Andhra Pradesh and at Hyderabad in Telangana. The total length of the proposed pipeline is about 330 km in Odisha, 723 Km in Andhra Pradesh and 160 Km in Telangana. The total cost of the complete pipeline system along with associated facilities of this proposed project is Rs.2789 Crores and the cost of the project component in Andhra Pradesh is Rs.1090.72 crores.

2. The proposed product pipeline route is aligned almost parallel to the National Highway No.16. The outer Diameter of the pipeline in AP state is 16" all throughout mainline and the pipeline will be protected with 3 LPE i.e. (3 layers polyethylene) Coating of API. 5L standard. The SCADA system will be provided to detect any leakages occurring in pipeline.

3. The pipeline is passing through the CRZ at Vizag product depot area. The total length of the pipeline is 227.67 m in CRZ-III and 106.08 m in CRZ-IV area respectively. The route of the pipeline is aligned to cross the Meghadrigedda creek at two stretches. As per the approved Coastal Zone Management Plan of the area, the land area abutting both banks of Meghadrigedda creek is classified as CRZ-III. As per the provisions of CRZ Notification, 2011 the creek, which is subjected to tidal action is classified as CRZ-IV. The total area of coverage in CRZ-III is 0.40 Ha and 0.19 Ha in CRZ-IV as per the report submitted by the National Institute of Oceanography (NIO). The location of the CRZ is  $17.730555^{\circ}$  to  $17.726955^{\circ}$  N Latitude to  $83.200740^{\circ}$  E to  $83.203111^{\circ}$  E Longitude. The National Institute of Oceanography (NIO), an authorised agency of MoEF & CC carried out demarcation of CRZ area and classified the CRZ area as CRZ-III and CRZ-IV, as the area is mainly classified as industrial area. The area is surrounded by the Visakhapatnam Port and M/s. Hindustan Petroleum Corporation Limited (HPCL) and several other port based industrial units are located in the close vicinity of the project site. There are no ecologically sensitive areas like Sand dunes, Marine

Parks, Marine sanctuaries, Bird Nesting Grounds, Olive Ridley areas, Heritages sites.etc were observed in the study areas of Crossings of River/Creeks along the pipeline alignment. Except PHP-1 area where it crosses Sand dunes.

4. *The laying petroleum products pipelines are permitted activity within CRZ area. As per paragraph 3.(ii) (b) facilities for receipt and storage of petroleum products and liquefied natural gas as specified in Annexure-II appended to this notification, subject to implementation of safety regulations including guidelines issued by the Oil Industry Safety Directorate in the Ministry of Petroleum and Natural Gas and guidelines issued by MoEF and subject to further terms and conditions for implementation of ameliorative and restorative measures in relation to environment as may be stipulated by in MoEF&CC. The above activity is regulated as per 4 (ii) (d) and paragraphs 8(i) I(i)(b) of CRZ Notification, 2011.*

**5. The Authority examined the proposal and opined that the proposal may be accorded No Objection Certificate subject to the implementation of safety regulations including guidelines issued by the Oil Industry Safety Directorate in the Ministry of Petroleum and Natural Gas and guidelines issued by Ministry of Environment and Forests, Government of India and subject to further terms and conditions for implementation of ameliorative and restorative measures in relation to environment:**

- (1) The industry shall undertake the study on marine bio-diversity by engaging a reputed organization / university having proven expertise in the relevant field.**
- (2) The proponent shall ensure continuous monitoring of the sea water around the area of activity to assess the extent of impact on the surrounding water zone and corresponding impact on marine flora and fauna.**
- (3) Siltation and sediment deposition studies shall be undertaken and remedial measures shall be taken up to prevent possible flooding of surrounding area .**
- (4) The industry shall extend necessary assistance to the Vizag Port Trust (VPT), Indian Navy on conservation and preservation of**



**existing mangroves in surrounding area. Efforts shall be made to increase the area under mangroves coverage in suitable areas by taking up new plantations.**

- (5) The industry shall take necessary precautions to protect the pipeline against corrosion to ensure accident free operation of pipeline.**
- (6) There shall be no obstruction to the free flow of water in Meghadrigedda creek due to laying of the pipeline to avert flooding of Air Port and surrounding areas.**

**The Authority recommended that the project proposal may be forwarded to the MoEF& CC for according necessary clearance under the provisions of CRZ Notification, 2011.**

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**4. Bhabha Atomic Research Centre, (Phase-II), Vizag - Intake and outfall facilities including liquid low radioactive effluent and additional Residential Township at BARC Campus, Achutapuram - Approval by APCZMA under the provisions of CRZ Notification, 2011.**

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1. Bhabha Atomic Research Centre (BARC) proposed to establish the Research reactors and Fuel cycle facilities, Associated facilities, and other special facilities (Phase-II facilities) along with additional Residential Township at BARC Campus, near Atchutapuram, Visakhapatnam. The total area of existing BARC campus is about 3,345.7 acres. The proposed phase II facilities are planned over an area of about 375 acre within the BARC campus. The additional residential colony is planned over an area of about 123 acres at Tantadi village in Visakhapatnam District. As part of Phase-II facilities, it is proposed to lay a pipeline for intake of seawater from sea and a dedicated pipeline for discharge of treated waste water including low radioactive treated effluent generated from the facilities located beyond CRZ area. The terrestrial part of the pipelines are laid through 10 m wide exclusive pipeline protection corridor for surveillance purpose. The Expert Appraisal Committee (EAC) of MoEF&CC, GoI, New Delhi issued Terms of Reference (ToR) through letter No, F.No: J-11013/24/2015-IA.I(N), dated 7<sup>th</sup> December 2015 to the Bhabha Atomic Research Centre (BARC) to take up

studies on expected impact on environment and corresponding mitigation measures. The estimated cost of the project is Rs.6,200 crores.

2. The location details of the project is as follows: The Main Campus -17° 30' 46"N, 83° 01' 54"E; 17° 31' 37"N, 83° 00' 26"E ; 17° 32' 54"N, 83° 00' 35"E; 17° 32' 23"N, 83° 03' 23"E;17° 31' 24" N, 83° 03' 31" E and Additional residential colony - 17° 32'32" N,83° 03' 14" E ; 17° 32' 50" N, 83° 03' 29" E;17° 32' 31" N, 83° 03' 46"E; 17° 32' 18" N Latitude, 83° 03' 27"E Longitude. The estimated fresh water requirement of activities under phase-II and township is about 5.4 MLD (5444 cum /day). The main source of fresh water is Yeleru canal, which is connected to Godavari river with a firm allocation of 15 MLD of water exclusively to the BARC. A seawater desalination plant with a capacity 5,000 cum /day is also proposed as a part of Phase-II facilities, to produce potable water. The SWRO will reduce the dependency gradually on Yeleru system, after commissioning the desalination plant. It is proposed to reuse about 768 KLD of treated waste water from STP and 14 KLD is exclusively reused for washing purpose. The estimated intake of seawater is 4,80,000 cum /day drawn through intake pipeline. It is proposed to utilize a portion of 20,400 cum / day for Sea Water Reverse Osmosis (SWRO) system and the balance will be utilised for cooling purpose of 125MW & 30 MW research reactors. As per the modeling studies, the discharge temperature of used waste water from reactors would be 7°C over the ambient surface temperature of the sea. As per the report, the simulation studies carried out by the proponent, indicated the rate of dissipation of temperature is around 2° C within 2.3 m radius from the point of discharge of treated waste water from the reactors. The estimated generation of brine is about 15,400 cum /day from SWRO and estimated discharge of waste water from various facilities will be 4,59,600 cum / day. After treatment of sewage in STP, the treated water will be used within the campus for greenbelt development. The estimated radioactive liquid effluents from various facilities which is in the order of 378 m<sup>3</sup>/day will be treated in the waste management facility and only Very low level radioactive liquid effluent from this facility will be discharged through a dedicated outfall pipeline into the sea. These discharges will be regulated and monitored as per the guidelines stipulated by the BARC Safety Council. All effluent generated from

various facilities will be treated in the Effluent Treatment Plant (ETP) to the marine outfall standards as stipulated by the Central Pollution Control Board (CPCB) and Andhra Pradesh State Pollution Control Board (APPCB), before discharging into the sea.

3. As per the report submitted by the BARC, it is proposed to lay the intake of seawater pipeline and discharge pipeline will be laid on a jetty. The seawater intake facility consists of seawater pumps in a caisson arrangement located about 700 m from HTL. The outfall is designed keeping in view of the significant wave heights of up to 2.5 m. The same jetty will be used for discharging low level radioactive effluents into the sea through the discharge pipeline of length of 400 m from HTL and the discharge point is located at a depth of 8 m below MSL with sea water current of 02 m/sec. The discharge pipeline is connected to a multiple port diffuser having 4 diffuser ports with a port diameter of 1.4 m. the proposed Pump house will be located on the jetty over an area of 1200 sq. m. The firming up of the intake and discharge of pipelines points in the sea were determined after considering the seawater current velocity and wave heights to ensure effective dilution. carried out after carrying out scientific investigation

4. A Sea Water Reverse Osmosis (SWRO) based desalination Plant having a capacity to produce 210 m<sup>3</sup>/hr is proposed to meet the water demand of the BARC facilities. The raw water will be tapped from the intake seawater facilities. The estimated seawater requirement is projected as 850 cum/hr of sea water with an average TDS of about 37000 ppm. It is expected that the brine of about 640 cum /hr with 50000 ppm will be discharged from SWRO. It is proposed to discharge the brine along with the wastewater discharge of about 19,150 cum /hr used for cooling purpose, to ensure reduction of TDS sea. The expected rate of dilution will be about 30 times that can be achieved in the present condition. There will be marginal increase in salinity level which is about 420 ppm, which is negligible quantity when compared to TDS variation in the sea water. It is expected that about 2,40,000 cum of treated liquid radioactive effluent per

year will be generated from the various facilities and will be collectively treated at Common Waste Management Facility (CWMF) before discharging into sea.

5. The route of the pipeline is passing through CRZ area which is classified as CRZ-III and CRZ-I(A), CRZ-I(B) and CRZ-IV(A). The National Institute of Oceanography (NIO), an authorised agency of MoEF & CC carried out demarcation of CRZ area and classified the CRZ area as CRZ-III and CRZ-IV as the area is mainly classified as industrial area. The demarcation of LTL, HTL and CRZ including No Development Zone was carried out by the NIO. The development area does not fall or contain in its vicinity, any environmentally sensitive and important ecosystem like Heritage sites, sanctuaries, national parks, bird nesting grounds, mangroves etc, except sand dunes (CRZ -1A). The terrestrial part of the pipelines are laid through an exclusive pipeline protection corridor of 10 m width to ensure safety and surveillance purpose. The activities covered in CRZ area with their corresponding classification as provided in CRZ Notification, 2011 is as follows:

CRZ Category	Description	Length of Pipeline under CRZ(m)	Diameter of Pipelines (mm)	Area under CRZ (Ha)
CRZ III	Intake & Outfall pipe lines	233.7	1900	0.234
CRZ I A	Intake & Outfall Pipelines	266.3	1900	0.266
CRZ I B	Intake & Outfall pipelines	48.4	1900	0.0484
CRZ IV A	Intake & Outfall pipe lines	700	1900	0.7
	Intake Pump house	--	--	0.12

6. The paragraph 3 (v) © CRZ Notification, 2011 provides for the laying pipelines for disposal of treated effluent and the intake and disposal facilities are permitted activity in CRZ area. The paragraph 4(i)(a) permits the activities those requiring waterfront and foreshore facilities. Paragraph 4 (i)(b) states clearly that clearance is required under EIA Notification, 2006. Paragraph 8 I.(i) (b), permits the laying of pipelines, conveying systems including transmission lines in CRZ-I, area as it is not classified as ecologically sensitive area. The environmental clearance for this project including laying of pipelines for intake of sea water and discharge of treated effluent have to be obtained from the Ministry of Environment and Forests as provided in as provided in paragraph 4 (ii)(d) of CRZ Notification,2011.

**7. The Authority examined the proposal and opined that the proposal may be accorded No Objection Certificate subject to the implementation of safety regulations including guidelines issued by the BARC Safety Council, Atomic Energy Department and guidelines issued by Ministry of Environment and Forests, Government of India, subject to further terms and conditions for implementation of ameliorative and restorative measures in relation to terrestrial and marine environment:**

- (1) Continuous monitoring of macro and micro flora and fauna including Oceanographic parameters covering physical and chemical parts.**
- (2) The industry shall undertake the study on marine bio-diversity by engaging a reputed organization / university having proven expertise in the relevant field.**
- (3) The proponent shall ensure continuous monitoring of the sea water around the area of activity to assess the extent of impact on the surrounding water zone and corresponding impact on marine flora and fauna. The study shall be extended to 5 (five) km on either side and extended into the sea upto 30 m depth.**
- (4) Pre-monsoon and post- monsoon studies of biological, physical and chemical parameters shall be taken up in the impact zone**

**i.e., 10 km around the activity zone by engaging reputed agencies having proven expertise in the relevant fields.**

- (5) Study on impacts of radio activity on soil, air, water, flora and fauna shall be carried out on regular basis and remedial measures shall be implemented wherever warranted.**
- (6) BARC shall furnish the information on their studies carried out at their existing facilities at Thane, Trombay and Kalpakkam for the purpose of future reference.**
- (7) The BARC shall maintain the baseline data on terrestrial and marine parts for the purpose of comparison and to evaluate the changes due to the activities undertaken by them.**
- (8) The dissipation of temperature of used waste water discharged from the reactors shall not exceed 5° C over the ambient temperature of the sea beyond 10 m radius of discharge point.**
- (9) The BARC shall undertake awareness program to disseminate the information and precaution to be taken in case exigencies.**
- (10) Educate the local agencies regarding safety measures to be taken whenever required.**

**The Authority recommended that the project proposal may be forwarded to the MoEF& CC for according necessary clearance under the provisions of CRZ Notification, 2011.**

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**5. M/s. A.P. Tourism Development Corporation Ltd. (APTDC), Visakhapatnam - Development of various Beaches at 6 locations (Bheemili, Mangamaripeta, Thotlakonda, Rushikonda, Yendada & Sagarnagar) in and around Visakhapatnam , Visakhapatnam District.**

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1. M/s. A.P. Tourism Development Corporation Ltd. (APTDC) has submitted the proposals for the development of 6 beaches along the Visakhapatnam - Bheemunipatnam beach road. Visakhapatnam city is

encompassed with beautiful landscapes such as Kailasagiri & Yarada hill ranges and undulating land topography along the coastline between Visakhapatnam and Bhimunipatnam. The beach road between Visakhapatnam and Bhimunipatanam is covered by beautiful landscapes such as promontories of eastern ghat belt protruding in to the sea, wide beaches and Bays located at Lawson's Bay, Rishikonda Bhimunipatnam and other places etc. It is proposed to develop the Visakhapatnam city on the east coast of India as a major tourist spot.

2. M/s. Andhra Pradesh Tourism Development Corporation (APTDC) has proposed to develop Beach corridor project between Visakhapatnam and Bhimunipatnam. It is proposed to develop beaches along the coast of Visakhapatnam and identified six most popular places between Visakhapatnam and Bhimunipatnam namely Bhimunipatnam, Mangamaripeta, Thotlakonda, Rushikonda, Yandada (Opposite Blind School) and Sagarnagar (opposite ISKCON Temple). The aim is to develop pathways, Beach development Tourism Resorts etc.

3. The proposed activities at each place is:

(a). **Bhimunipatnam beach** : The area proposed is 2.00 acres. The activities are Pathways, parking area, CC retaining wall, Renovation of existing seater wall with granite cladding and flooring, Cafeteria & Souvenir shops (on land side of the existing road), Children play equipment, Landscaping and Illumination. The area is classified as CRZ -II as per the approved CZMP.

(b). **Mangamaripeta beach** : The area proposed is 3.43 acres. , The activities are Pathways for parking area, Thatched Shacks, Toilets, Cafeteria, Children Play equipment, Landscaping, Illumination and Drinking water. The area is classified as CRZ -III as per the approved CZMP.

(C). **Thotlakonda beach** : The area proposed is 2.11 acres. The activities are Pathways for parking area, Thatched Shacks, Toilets, Cafeteria, Children Play equipment, Landscaping, Illumination and Drinking water. The area is classified as CRZ -III as per approved CZMP.

(d). **Yandada beach** : The area proposed is 2.47 acres. , The proposed activities are Pathways for parking area, Thatched Shacks, Toilets, Cafeteria, Children Play equipment, Landscaping, Illumination and Drinking water. The area is classified as CRZ -III as per approved CZMP.

(e). **Sagarnagar beach** : The area proposed is 2.45 acres. The activities are Pathways for parking area, Thatched Shacks, Toilets, Cafeteria, Children Play equipment, Landscaping, Illumination and Drinking water. The area is classified as CRZ -III as per approved CZMP.

(f). **Rushikonda beach** : The area proposed is 2.45 acres. The proposed activities are Pathways, parking area, Dress changing room, Eco friendly Bio-Toilets, Cafeteria, Souvenir shops, Children Play equipment, Shacks, Landscaping, and Illumination The area is classified as CRZ -III as per approved CZMP.

4. The NIO carried out demarcation of HTL, LTL and CRZ in the case open sea area between Bheemunipatnam and old city limits of Visakhapatnam. It is seen as per approved the CZMP except Bhemmunipatnam all beaches are classified as CRZ-III. There is an existing beach resort maintained by APTDC. Similarly a private resort existing on the northern side of APTDC cottages.

5. *As per I(a) of Annexure III of CRZ Notification 2011, any construction within 200 meters in the landward side of High Tide Line and within the area between Low Tide Line and High Tide Line; As per sub paragraph I(d) flattening of sand dunes is a prohibited activity; As per sub paragraph I(e) no permanent structures for sports facilities is permitted except construction of goal posts.net posts and lamp posts; As per sub paragraph I(j) stipulates that construction should be consistent with the surrounding landscape and local architectural style.*

**6. The Authority examined the proposal submitted by APTDC and felt that the proposal was not in shape. The proponent was requested to superimpose the activities on CRZ map prepared by the authorised**



**agency. While undertaking the development of beaches, there shall keep intact the beach binding keepers as they act as natural protection against erosion. Instead of proposing extensive constructions, it is advised to raise plantations to provide shade as well as to act as wind breakers. The existing landscape should not be disturbed under any circumstances. No flattening of beach profile shall be undertaken to undertake constructions as it will lead change in the shoreline ultimately result in erosion of hinterland. The Authority has opined that construction of retaining walls shall be undertaken only in consultation with the agencies having proven expertise and all such proposals shall be submitted separately for onward transmission to MoEF&CC for clearance. The details of STP was not furnished and proponent to submit the same at once.**

**The Authority opined that the activities such as Pathways for parking area, Thatched Shacks, Toilets, Cafeteria, Children Play equipment, Landscaping without disturbing the beach profile and vegetative creepers, Illumination and Drinking water could be permitted in accordance with the provisions of paragraph 8.III.(iii) (j) of CRZ Notification, 2011. The Authority also desired to undertake a field visit of the activity areas proposed before according authorisation to the permissible activities.**

**\* \* \* \***

**6. M/s. A.P. Tourism Development Corporation Ltd. (APTDC), Visakhapatnam – Proposed construction of Deluxe public toilets & seater wall, Rushikonda beach, Visakhapatnam – Approval by APCZMA under the provisions of CRZ Notification, 2011– Reg.**

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1. M/s. Andhra Pradesh Tourism Development Corporation (APTDC) submitted a proposal for setting up of Deluxe public toilets and seater wall at Rushikonda beach, Visakhapatnam.

2. The site is a vacant ground and is located on the seaward side of the existing beach road. As per sanctioned master plan, the Sy. No.62P of Rushikonda Village is earmarked as Recreational & Open space Land use.
3. As per paragraph of 8.III.A (iii)(j), construction of dispensaries, schools, public rain shelter, community toilets, bridges, roads, provision of facilities for water supply, drainage, sewerage, crematoria, cemeteries and electric sub-station which are required for the local inhabitants may be permitted on a case to case basis by CZMA.
4. **The Authority opined that the activities such as Pathways for Deluxe Toilets without disturbing the beach profile and vegetative creepers, Illumination and Drinking water could be permitted in accordance with the provisions of paragraph 8.III.(iii) (j) of CRZ Notification, 2011. The Authority also desired to undertake a field visit of the activity areas proposed before according authorisation to the permissible activities.**

\* \* \* \* \*

**7. M/s. Sea Boss Resorts Pvt.Ltd., Gangapatnam Village, Indukurpet Mandal, SPSR Nellore District. Andhra Pradesh – Approval by APCZMA under the provisions of CRZ Notification, 2011– Reg.**

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1. M/s. Sea Boss Resorts Pvt. Ltd., has submitted the proposal and enclosed the demarcation of HTL & LTL maps prepared by the Institute of Remote Sensing (IRS), Anna University, Chennai, for the proposed Resort at Gangapatnam Village, Indukurpet Mandal, SPSR Nellore District .
2. The project proponent has not furnished the Project details of the Proposed Resort.
3. **The Authority opined that the proposal could not be examined in the absence of information on the proposed resort project and decided to defer the proposal.**

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**8. M/s. Krishna Godavari Aquatech Private Limited ( Shrimp Hatchery), Sy.No. 498/1A1 & A2, , Adavi Village, Bapatla Mandal, Guntur District, Andhra Pradesh – Approval by APCZMA under the provisions of CRZ Notification, 2011.**

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1. M/s. Krishna Godavari Aquatech Private Limited ( Shrimp Hatchery), has submitted the application for CRZ clearance received on 04.09.2017 . The project proponent has not submitted the Project details of Proposed Shrimp Hatchery.

2. Establishment of Shrimp Hatchery is not covered under the provisions of CRZ Notification 2011, except facilities to draw sea water through dedicated pipeline. Hence the project proponent may be advised to approach the Coastal Aquaculture Authority (CAA) for obtaining necessary permissions.

**3. The Authority felt that the activity was not covered under the provisions of CRZ Notification, 2011. The proponent is advised accordingly.**

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**9. Establishment of Visakhapatnam Urban Development Authority (VUDA) Layout, Chittivalasa Village, Bheemunipatnam Mandal, Visakhapatnam District - NIO report – Approval by APCZMA under the provisions of CRZ Notification, 2011.**

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1. The Tahsildar, Bheemunipatnam Mandal, Visakhapatnam District has proposed the VUDA Layout project in Sy.No.68/11P, 68/6P, 68/8P, 68/7P, 68/9P over an extent of Ac.8.64 cents at Chittivalasa Village, Bheemunipatnam Mandal, Visakhapatnam District, Andhra Pradesh.

2. The National Institute of Oceanography (NIO), an authorised agency of Government of India demarcated the CRZ boundaries of the site and surrounding with the position of HTL, LTL on 1:4000 scale map.

As per NIO report the area is located beyond 300 meter from the HTL i.e. the bank of Gosthani River. As per paragraph I (ii) of CRZ Notification 2011, the maximum extent of CRZ stipulated in the case of Rivers, Creeks, Backwater and other water bodies which are subjected to tidal action as 100 meters. The NIO, being an authorised agency of GoI for demarcation of HTL, LTL and CRZ, clearly stated that the area is beyond CRZ. Hence the same may be communicated to the applicant .

**3. The Authority felt that the applicant may be informed that**

**the areas covered in Sy.No.68/11P, 68/6P, 68/8P, 68/7P, 68/9P over an extent of Ac.8.64 cents at Chittivalasa Village, Bheemunipatnam Mandal, Visakhapatnam District beyond CRZ and informed accordingly.**

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**10. A. Building Construction proposals in CRZ-II areas of GVMC (Greater Visakhapatnam Municipal Corporation – Authorisation by APCZMA under the provisions of CRZ Notification, 2011.**

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1. Sri D.S.D. Shilendhar Reddy, Managing Director, Blue Jay Projects & Constructions Pvt. Limited r/o Bhimunipatnam, Visakhapatnam District submitted proposal for the construction of Residential Apartment Building with Stilt + Ground + 4 Upper Floors at T. S. No. 977, Door No.15-12-57, Ward No.23, block No.12 Boyaveedhi, Bhimunipatnam Municipality, Visakhapatnam District. The total area of the site is 1744. Sq. yds (1458.67 Sq. m.) as per the enclosed document. The Zonal Commissioner, Bheemunipatnam Zone, GVMC issued Endorsement through Rc.No.145/2017/G1, dated 06-04-2017. The area is classified as CRZ-II as per the approved Coastal Zone Management Plan of the area. The proposed site is falling on the landward side of the beach road.

2. Sri D.S.D. Shilendhar Reddy, Managing Director, Blue Jay Projects & Constructions Pvt. Limited r/o Bhimunipatnam, Visakhapatnam District

submitted proposal for the construction of Residential Apartment Building with Stilt + Ground + 4 Upper Floors at Thotaveedhi, Ward No.28, Block No.24, Door No.12-24-1 at T. S. No.400, Bhimunipatnam Municipality, Visakhapatnam District. The total area of the site is 685.31 Sq. yds (573 Sq. m.) as per the enclosed document. The applicant enclosed the endorsement from the Zonal Commissioner, Bhimunipatnam Municipality. The area is classified as CRZ-II as per the approved Coastal Zone Management Plan of the area. The applicant enclosed the drawings of the proposed building. The proposed site is falling on the landward side of the beach road. The applicant not enclosed the endorsement from the Commissioner, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam.

3. Smt A. Padmaja, W/o Sri A. Venkatagopal Rao, of Visakhapatnam submitted a proposal for the construction of RCC Roof residential building consisting of Stilt floor for parking + Ground + 2 Upper floors RCC roof residential building bearing D. No.16-6-14, Official Colony, Maharanipeta, T. S. No.1090 and 1091, Ward No.21, Zone-3, Greater Visakhapatnam Municipal Corporation (GVMC), by removing existing building. The total area of the site is 497.45 sq. m. The Commissioner, GVMC issued Endorsement through Permit No.1086/3215/B/Z3/ONY/2017, dated 13-04-2017. The area is located on the landward side of the beach road and is classified as CRZ-II as per the approved CZMP.

4. Sri P. Krishnama Raju & Smt M. Krishnaveni of Visakhapatnam submitted a proposal for the construction of RCC Roof apartment building consisting of Ground + 4 Upper floors at T.S.No.125/2A, **Plot No.2 &3**, East Point Colony, Waltair Ward, Division No.21, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is **888 sq. yds**. However, the applicant sought permission for construction over an area of **832.44 sq.yds**. The Vice Chairman, VUDA, Visakhapatnam issued Endorsement through Permit No. Rc.No.4140/08/L4, dated 19-12-2008 & Rc.No.4142/08/L4, dated 19-12-2008. The area is located on the landward side of the existing beach road and is classified as CRZ-II as per the approved CZMP.

5. Sri. P. Krishnama Raju, Managing Partner of M/s. K.C. Constructions, Visakhapatnam submitted a proposal for the construction of RCC Roof apartment building consisting of Ground + 4 Upper floors at T.S.No.125/2A, **Plot No.7**, East Point Colony, Waltair Ward, Division No.21, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is 371.238 sq. m. However permission for construction was sought on an extent of 366.06 sq.m. The Vice Chairman, VUDA, Visakhapatnam issued Endorsement through Permit No. Rc.No.4143/08/L4, dated 19-12-2008 . The area is located on the landward side of the existing beach road and is classified as CRZ-II as per the approved CZMP.

6. Smt D. Usha Rani, w/o Sri D. Tirupathi Rao, D. No.9-39-3/1, Saisampath Enclave, Pithapuram Colony, Near Kalabharathi, Maddilapalem, Visakhapatnam submitted proposal for the construction of Stilt floor for Parking + Ground Floor + 4 Upper Floors RCC roof residential building on Plot No.MIG-7 of S. No.14 of Chinawaltair Villlage, Lawson's Bay Colony, Division No.18, Greater Visakhapatnam Municipal Corporation (GVMC). The total area of the site is 445 sq.yds (371.24 sq. m).The area is located on the landward side of the existing beach road and is classified as CRZ-II as per the approved CZMP. The applicant did not furnish the endorsement from the GVMC.

7. **Sri** Ch. Govinda Raju & Sri K. Venugopal of Visakhapatnam submitted a proposal for the construction of RCC Roof residential building consisting of Ground + 3 Upper floors at bearing D. No.4-51-1, T.S.No.44 & 47 of Lawson's Bay Colony, Chinawaltair Village, Greater Visakhapatnam Municipal Corporation (GVMC), by removing existing building. The total area of the site is 351 sq. yds (293.44 sq. m). The area is located on the landward side of the existing beach road and is classified as CRZ-II as per the approved CZMP. The applicant did not furnish the endorsement from the GVMC.

8. Smt. K. Laxmi Durga, Resident of Vytla Residency, Siripuram, Visakhapatnam, Andhra Pradesh submitted a proposal for the construction of Residential apartment building consisting of Ground + 2 Upper floors at Sy. No.

49/2C, Chinna Waltair, Zone - II, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The total area of the site is 200.0 sq. yds (166.89 sq.m). The area is located on the landward side of the existing beach road and is classified as CRZ-II as per the approved CZMP. The applicant did not furnish the endorsement from the GVMC.

9. Sri M.V.Satyanarayana Reddy & Others, D.No. 5-6-45/1, S.No. 125/p, Block No.6 , Beach Road, Chinawaltair Village, Div.No.17, Visakhapatnam submitted a proposal for the construction of Residential Building with Parking + Ground + one Upper Floors at D.No. 5-6-45/1, Sy.No. 125/3E, & 125/P, Block No. 6, Beach road, Chinnawalthair , Division No. 17, Visakhapatnam. The total area of the site is 1321.47 Sq. m. as per the enclosed document. However, the applicant sought authorisation for taking up construction over an area of 1104.88 sq. m. The applicant enclosed the endorsement from the Commissioner, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The area is classified as CRZ-II as per the approved Coastal Zone Management Plan of the area. The applicant enclosed the drawings of the proposed building. The proposed site is falling on the landward side of the beach road. The Commissioner, GVMC issued endorsement with building permission through Rc.No. 006949/2017/ACP-II/G1, dated 20-06-2017.

10. D. Satyanarayana Raju & Ravi Datla Raju, Resident of 501, Hillpark ave, Hill top Colony,Erramanzil, Hyderabad, dated 24.05.2017 submitted proposal for the construction of Residential Building at Revenue Sy. No. 6/5A(P) part, Chinna waltair, MVP Sector - XI, Visakhapatnam. The total area of the site is 1839 Sq. yds (1537.638 Sq. m.) as per the enclosed document. The area is classified as CRZ-II as per the approved Coastal Zone Management Plan of the area. The applicant not enclosed the drawings of the proposed building. The proposed site is falling on the landward side of the beach road. The applicant not enclosed the endorsement from the Commissioner, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The applicant did not submit the endorsement from the Commissioner, GVMC.

11. Sri K V. Rajkumar, D.No. 4-66-3/1, MIG Plot No.54, Lawsons Bay Colony, Visakhapatnam, Andhra Pradesh. submitted proposal for the construction of Residential Building with Parking + Ground + 3 Upper Floors at D.No.4-66-3/1, MIG Plot No.54, Sy.No. 14, Chinna Waltair, Division 18, Visakhapatnam. The total area of the site is 516 Sq. yds (431.43 Sq. m.) as per the enclosed document. The applicant enclosed the endorsement from the Commissioner, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The area is classified as CRZ-II as per the approved Coastal Zone Management Plan of the area. The applicant enclosed the drawings of the proposed building. The proposed site is falling on the landward side of the beach road. The Commissioner, GVMC issued endorsement with building permission through Rc.No. 010498/2016/ACP-II/G2, dated 16-08-2016.

12. Sri R Rama Krishna Raju, Managing Director, M/s. Dhanunjaya Builders 5-117-17/2/2, Krishnavarm Arcade, Seethmmadhara, Visakhapatnam, A.P submitted proposal for the construction of Residential Apartment Building with Parking + Ground + 4 Upper Floors at 45/2, Plot No, MIG-168, Law sense bay South extension layout, Chinna Waltair, Division 7, Visakhapatnam. The total area of the site is 477.81 Sq. yds (399.51 Sq. m.) as per the enclosed document. The applicant enclosed the endorsement from the Commissioner, Greater Visakhapatnam Municipal Corporation (GVMC), Visakhapatnam. The area is classified as CRZ-II as per the approved Coastal Zone Management Plan of the area. The applicant enclosed the drawings of the proposed building. The proposed site is falling on the landward side of the beach road. The Commissioner, GVMC issued endorsement with building permission through BA No.1086/2426/B/Z2/CIR/2017, dated 04-09-2017.

13. Sri .Chikati Bala Gangadhara Tilak Roy, D.No. 9-16-37/2, VIP road, Visakhapatnam, Andhra Pradesh. submitted proposal for the construction of Residential Building with Parking + Ground + 2 Upper Floors at D.No.4-72-8, Sy.No. 49/2C, Ward Block -4-72, Lawsons Bay colony, Peddawalair, Visakhapatnam. The total area of the site is 186.33 Sq. yds as per the enclosed document. The area is classified as CRZ-II as per the approved Coastal



Zone Management Plan of the area. The applicant enclosed the drawings of the proposed building. The proposed site is falling on the landward side of the beach road. The applicant did not furnish the authorisation from the Commissioner, GVMC.

14. Sri . M.V.S .Kamaraju, Krishna Nagar, Maharanipeta, Visakhapatnam Floors RCC roof residential building in Plot No. 12B, S. No.143, Block submitted proposal for the construction of Stilt floor + Ground Floor + 2 Upper No.5, Maharanipeta Village, D.No.15-9-15, Ward No.20, Zone- III, Greater Visakhapatnam Municipal Corporation (GVMC). The total area of the site is 256.13 sq. m. The Commissioner, GVMC issued endorsement with building permission through BA No.1086/0160/B/Z3/KAR/2017, dated 26-03-2017. The proposed site is falling on the landward side of the beach road.

15. Sri. Md.Iqbal Ahmed, S.No. 48, TP No.80/68, Plot No. MIG-51, Lawsons Bay Colony, North Extension Lay out, Lawsons Bay Colony, Chinawaltair, Div No.07, Visakhapatnam submitted proposal for the construction of Stilt floor for Parking + Ground Floor + 4 Upper Floors RCC roof residential building on Plot No.MIG-51 of S. No.48 of Chinawaltair Villlage, North extension layout, Lawson's Bay Colony, Division No.7, Greater Visakhapatnam Municipal Corporation (GVMC). The total area of the site is 398.96 sq. m. The area is located on the landward side of the existing beach road and is classified as CRZ-II as per the approved CZMP. The applicant did not furnish the authorisation from GVMC .

*As per paragraph 4 (i) (d) of CRZ Notification, 2011 all building projects / construction projects less than 20,000 sq m. of built-up area requires approval from the State Coastal Zone Management Authority before grant of approval by the concerned planning authority. As provided in paragraph 8.II under the heading CRZ-II, buildings shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized structures and buildings permitted on the landward side of the existing and proposed roads or existing authorized structures shall be subject to the existing local town and country planning regulations including the 'existing' norms of Floor Space Index*

*or Floor Area Ratio. The reconstruction of authorized building to be permitted subject with the existing Flor Space Index or Floor Area Ratio Norms and without change in present use.*

**The Authority examined the proposals and observed that the building proposals for construction in CRZ-II areas are located on the landward side of the existing roads or landwards side of existing authorised structures. The areas are classified as CRZ-II as per the approved CZMP. The Authority opined that authorisation can be accorded for construction of the buildings as per the norms stipulated in paragraph 8 under the heading of CRZ-II of CRZ Notification, 2011, subject to the furnishing of endorsement from the local authority.**

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**10.B. Building Construction proposals in CRZ-III areas - Approval by APCZMA under the provisions of CRZ Notification, 2011.**

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1. M/s. Varun Motors Pvt. Ltd., Varun Towers, Kasturiba Marg, Siripuram, Visakhapatnam submitted proposal for the construction of PEB structure with Stilt floor for Parking + Ground Floor + First floor on the plot area admeasuring 1334 sq. m bearing D. No.3-125 at S. No.147/P of Yendada Village, Division No.6, Zone- I, Greater Visakhapatnam Municipal Corporation (GVMC). The area of the basement is 714 sq. m., ground floor is 411 sq. m and first floor is 224.23 sq.m. The total height of the proposed structure is 7 m as the basement is exclusively utilised for parking purpose only. The proposed construction will be utilised for services and repair establishment as the area stands classified for commercial use only. The Commissioner, GVMC issued endorsement with building permission through BA No.1086/0703/B/Z1/YDA/2017, dated 10-04-2017.

2. Sri. Chowdary Vijaya Bhushan Patnaik, C/o Sri P. Ramesh, Visakhapatnam submitted proposal for the construction of Ground Floor + 2 Upper Floors RCC roof residential building on Plot No.350 of T. S. No.139/1, 141/1, 143/1 & 156/1 of Chinagadili Village, L. P. No.108/75, Visalakshinagar, Division No.6, Zone- I, Greater Visakhapatnam Municipal Corporation (GVMC).

The total area of the site is 300 sq.yds (250.61 sq. m) . with proposed ground floor area of 158.29 sq. m and total built-up area of 474.87 sq. m. The endorsement of the Commissioner, GVMC has not been enclosed.

3. Sri P. Ashok Kumar and Smt P. Manasa, Visakhapatnam submitted proposal for the construction of Ground Floor + 2 Upper Floors RCC roof residential building on Plot No.376 of S. No.139/1, 141/1, 143/2 and 156/1 of Chinagadili Village, L. P. No.108/75, Visalakshinagar, Division No.6, **Zone- I**, Greater Visakhapatnam Municipal Corporation (GVMC). The total area of the site is 166 sq.yds. (142.13 sq.m) with proposed ground floor, first and second floors areas each of 83.74 sq. m and total built-up area of 251.22 sq. m. The endorsement of the Commissioner, GVMC has not been enclosed.

4. Smt Ch. Usha Rani, w/o Sri Surendra, Visakhapatnam submitted proposal for the construction of Stilt floor + Ground Floor + 3 Upper Floors RCC roof residential building on Plot No.393 of S. No.139/1, 141/1 & 143/2 of Chinagadili Village, L. P. No.108/75, Visalakshinagar, Division No.6, **Zone- I**, Greater Visakhapatnam Municipal Corporation (GVMC). The total area of the site is 300 sq.yds (250.84 sq. m). with proposed ground floor area of 158.56 sq. m and total built-up area of 647.79 sq.m. The endorsement of the Commissioner, GVMC has not been enclosed.

5. Smt. Puvvala Radha Rani w/o Sri. MSS Janardhana Rao , Visakhapatnam submitted proposal for the construction of Ground Floor + 2 Upper Floors RCC roof residential building on Plot No.397 of T. S. No.139/1, 141/1, 143/1 & 156/1 of Chinagadili Village, L. P. No.108/75, Visalakshinagar, Division No.6, **Zone- I**, Greater Visakhapatnam Municipal Corporation (GVMC). The total area of the site is 300 sq.yds (250.61 sq. m) .with proposed ground floor area of 158.44 sq. m and total built-up area of 475.32 sq. m. The endorsement of the Commissioner, GVMC has not been enclosed.

6. Sri V. Satya Sri Kalyan represented by Sri Vamme. Rajendranath, E-302,VUDA Flats, near LIC Office, MMTC Colony, Seethammadhara, Visakhapatnam submitted proposal for the construction of Stilt floor + Ground

Floor + 2 Upper Floors RCC roof residential building in Patta No.197 of S. No.149/1, Yendada Village, Ward No.6, **Zone- I**, Greater Visakhapatnam Municipal Corporation (GVMC). The total area of the site is 520 sq.yds (434.78 sq. m). with proposed ground floor area of 183.15 sq. m and total built-up area of 549.45 sq.m. The endorsement of the Commissioner, GVMC has not been enclosed.

*As per paragraph 8.III. B.(vii) of CRZ Notification, 2011 the building proposals for construction or reconstruction of dwelling units in CRZ-III areas covered in 200-500 m zone on landward side of HTL are permitted activity, subject to so long it is within the ambit of traditional rights and customary uses such as existing fishing villages and goathans. Building permission for such construction or reconstruction will be subject to local town and country planning rules with overall height of construction not exceeding 9mts with two floors (ground + one floor). The local authority is also authorised to give permissions for such buildings which are classified as CRZ-III in Development area i.e. 200-500 m.*

**The Authority examined the proposals for construction of buildings in CRZ-III areas with respect to items figured in the Agenda from (1) to (6). The Authority observed that the construction is permissible in between 200-500 m from HTL. The constructions will be subject to local town and country planning rules with overall height of construction not exceeding 9m with two floors (ground + one floor) and also as per the provisions contained in paragraph 8.III. B.(vii) of CRZ Notification, 2011.**

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