



# ODISHA COASTAL ZONE MANAGEMENT AUTHORITY

Forest, Environment and Climate Change Department, Government of Odisha

Letter No. 04 /OCZMA

Dt.03.01.2023

From

Dr. K. Murugesan, IFS  
Member Secretary, OCZMA

To

Principal Secretary to Govt. Housing and Urban Development <u>Department, Govt. of Odisha</u>	Member
Commissioner-cum-Secretary to Govt. Fisheries and Animal Resources Development <u>Department, Government of Odisha</u>	Member
Principal Chief Conservation of Forest (WL) and Chief Wildlife Warden, Odisha	Member
Member Secretary, State Pollution Control Board, Odisha	Member
Chief Conservator of Forest, <u>Regional Office of MoEF&amp;CC, Bhubaneswar</u>	Member
Dr.AjitPattnaik <u>Retd. PCCF, Odisha</u>	Member
Prof. P.K. Mohanty, Professor & Head <u>Dept. of Marine Science, Berhampur University</u>	Member
Dr. K.V. Thomas, Former Director, <u>National Centre for Earth Science Studies (NCESS)</u>	Member
Prof. K.C. Rath, Professor & Head <u>PG Dept. of Geography, Utkal University</u>	Member
M/s. Action for Protection of Wild Animals (APOWA), Kendrapada	Member

Sub: **44<sup>th</sup> meeting of the Odisha Coastal Zone Management Authority on 07.01.2023 at 11:00 am.**

Ref: This office Letter No. 251 Dt. 27.12.2022

Sir,

I would like to inform you that due to some unavoidable circumstances, the 44<sup>th</sup> meeting of the Odisha Coastal Zone Management Authority which is scheduled on 05.01.2023 at 11.00 am is postponed and **rescheduled on 07.01.2023 at 11:00 am** under the chairmanship of Additional Chief Secretary, FE&CC Department and Chairman, OCZMA through VC.

You are, therefore, requested to kindly make it convenient to attend the meeting of the OCZMA on the scheduled date and time. The Agenda Note of the meeting has already been sent. The VC link of the meeting will be sent to you through e-mail.

Yours faithfully,

  
MEMBER SECRETARY

Memo No. 05 /OCZMA

Dt.03.01.2023

Copy submitted to the Private Secretary to Additional Chief Secretary, FE&CC Department for information and necessary action. He is requested to place it before the Additional Chief Secretary for her kind information to Chair the meeting of the OCZMA.

  
MEMBER SECRETARY

## Agenda for the 44th meeting of the Odisha Coastal Zone Management Authority scheduled on 7<sup>th</sup> January 2023 at 11.00 A.M through Video Conferencing mode

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### A. Confirmation of the minutes of the 43<sup>rd</sup> meeting of OCZMA held on 30.11.2022

The 43<sup>rd</sup> meeting of OCZMA was held under the Chairmanship of Additional Chief Secretary, Forest, Environment & Climate Change Department, Govt. of Odisha through video conferencing mode on 30.11.2022 at 11.00 am. The minutes of the meeting were sent to all the members vide letter no 212/OCZMA Dt. 30.11.2022. No response has been received so far and accordingly the minutes may be treated as confirmed.

### B. Compliance of the decision taken in the last OCZMA Meeting

Sl. No.	Project / Project Proponent	Decision taken	Compliance
1.	Rectification of CRZ Classification on draft CZMP Map No. OD 90 (Sheet No. F 45-P6/SW) under CRZ Notification, covering areas of Subarnarekha Port.	<p>The matter was placed before the 40th meeting of Odisha Coastal Zone Management Authority held on 30.03.2022 and recommended to NCSCM for necessary rectification.</p> <p>NCSCM vide email dt. 28.11.2022 submitted the rectified draft CZMP Map No-90 for observation of the Authority.</p> <p>Authority examined the draft revised maps in detail and found to be in order and acknowledged the fact that as per MoEF &amp; CC's guidelines, an elaborate process has been followed for rectification of the map. Accordingly, OCZMA considered recommending the draft revised map to NCSCM for finalization and further submission to the MoEF &amp; CC for consideration of approval.</p>	The proposal was recommended to NCSCM for submission of the final draft map to NCZMA MoEF&CC for necessary approval

## C. Proposals:

### 1. CRZ Clearance for operation of water sports activities at Puri Beach by M/s Sky Drive Adventure & Water Sports.

The Director of **M/s Sky Drive Adventure & Water Sports** has submitted a proposal namely “**operation of water sports activities at Puri Beach**” for CRZ Clearance.

- i. As report submitted, the project is for promotion of temporary beach tourism by adding adventures water sports activities through private participation. The Proposed project will provide following items for the beach tourism.
  - Para motoring
  - Jeep Para sailing
  - Jet ski
  - Speed boat,
  - Banana Boat
  - Disco ride
  - Sofa ride
  - Bumper ride
- ii. The area selected for the activities is near Mangala River Mouth. The GPS Co-ordinates of the activity area is 19°47' 01"N 85°47'20"E. As per CRZ Map in 1:25000 the proposed project site falls in CRZ-IB(inter tidal area) & CRZ-IVA sea area. CRZ-I (B) area will be used for boarding and landing purpose of the boats and riding of jeep parasailing and CRZ-IVA area will be used for operation of boats & rides. The proposed project is temporary in nature where no RCC construction is proposed. The cost of the proposed project is Rs. 33 Lakhs.
- iii. Necessary safety measures like life Jackets, life guards, Rescue tube, crush Helmets will be provided to the tourists at the time of ride. First-aid kits and fire extinguisher and UHF/ GPS for communication will be provided at the time of ride.
- iv. The proposed activity is permissible as per the Provisions of CRZ Notification, 2019 under:  
Para 5.1.2 CRZ-IB (ii) & Para 5.4 CRZ-IV(iii) “ **Activities related to waterfront** or directly needing foreshore facilities such as ports and harbours, jetties, quays, wharves, erosion control measures, breakwaters, pipelines, lighthouses, navigational safety facilities, coastal police stations, Indian coast guard stations and the like”.

OCZMA may discuss the proposal and if consider may grant CRZ clearance to the aforesaid project under CRZ Notification, 2019.

**2. Development of captive riverine jetty of Material Handling Capacity of 4.5 MTPA on the River Mahanadi located in Paradeep, District Jagatsinghpur, Odisha by Arcelor Mittal Nippon Steel India Limited.**

The Executive Director, Arcelor Mittal Nippon Steel India Limited has submitted a proposal "Development of captive riverine jetty of Material Handling Capacity of 4.5 MTPA on the River Mahanadi located in Paradeep, District Jagatsinghpur, Odisha" for CRZ Clearance.

Project proponent submitted the EIA report prepared by AECOM India Private Ltd., CRZ Form-I, CRZ Map in 1:4000 scale prepared by National Centre for Sustainable Coastal Management (NCSCM), Chennai, CZMP Approved CRZ Map in 1:25000 scale super imposing the project location as per CRZ Notification, 2019.

The project has the following background features:

- i. ANMS has an existing 6 MTPA Pellet plant located at Paradip and recently ANMS increases the capacity of the pellet production from 6MTPA to 12 MTPA. The raw materials and products of the plants are transported through existing ship loading facilities of Essar Bulk Terminal at Pradip Port via a 9 km long Conveyor Belt. Thus to meet the additional requirement of raw material and to reduce the dependency on the Essar Bulk Terminal, the project proponent proposed the captive riverine jetty of capacity 4.5 MTPA on Mahanadi River at Paradip.
- ii. The total project cost is Rs.156.85Crores.
- iii. The proposed project is for construction of a captive riverine jetty with handling capacity of 4.5MTPA on the right bank of Mahanadi River, in Udayapata Village of Paradip, Jagatsinghpur district. Other developmental facilities include three nos. of berth, two for exports of pellets and one for import of raw materials (steam coal, flux, iron ore fines, Anthracites etc.) with a material handling capacity of 10,000 to 12,000t/day, One covered conveyor system for material convenience from pellet plant to berge handling facilities. The total berth length is 275m and width is 15m. Covered conveyor belt is proposed from plant site to jetty site for material conveyance and provisions of cargo handling to cater the situation like conveyor breakdown.  
The approach channel width is recommended to be 3.6 to 5 times the beam of the ship and the chennal depth of -5m CD. The diameter of the turning circle is kept as 2.1 times LoA for safe manoeuvring of the vessels and the diameter of the turning circle is appx. 170m for a barge of LoA 80 m.
- iv. Dredging is proposed on the navigational channel of river Mahanadi and berth area for handling of 3000 DWT Berge. The capital dredging will be estimated about 1 million Cum which will be used to raise the back-up area higher than the High Flood level.
- v. The land parcel allotted by Infrastructure Development Corporation (IDCO) for the proposed project is 33.77 acres and is located 300 meter from the existing pellet plant of AINMS.
- vi. The power requirement of 2323.32 kVA will be met from the Tata Power Central Odisha Distribution Limited and 2x30 MW existing captive coal based power plant. Provision of a 50 Kva capacity DG Set will be kept as back-up power supply.
- vii. The water requirement of the proposed jetty will be met from Taladanda Canal. Permission has been accorded to draw 5000m<sup>3</sup>/day from the a canal. AMNS has

constructed one intake well at Taladanda canal to source the surface water which is directly send to the pellet plant through pipeline and the water requirement of the jetty project will be sourced from the pellet plant through pipeline.

- viii. For the treatment of waste water from the storage yard a STP of 5 KLD capacity is proposed and the treated water will be reused in washing of vehicles & green belt development.
- ix. Setting up of Jetty is adjacent to the Right bank of River Mahanadi which is a tidally influenced river and attracts CRZ Notification, 2019. The GPS Co-ordinates of the project is 20° 19' 31.57"N 86° 39' 17.98"E. National Centre for Sustainable Coastal Management (NCSCM) has carried out the CRZ Study and prepared the 1:4000 scale map superimposing the project location with reference to the approved CZMP Map of Odisha sheet no. F45U 11/SE, Map no. OD-46 prepared as per CRZ Notification, 2019. The map indicates that the proposed Jetty, import & export berths and the land boundary falls in CRZ-II & IV (B) i.e River Mahanadi water area, approach channel and turning circles falls in CRZ-IVB area, flux yard & other utilities falls in CRZ-II area. Ecologically sensitive area such as Mangroves, corals, turtle nesting ground, salt marsh, mud flats, sand dunes etc. are not present within the proposed project site.

Sl. No.	Proposed Project Activities	Area in Ha.	
		CRZ-II	CRZ-III
1	Flux yard	0.18	
2	Jetty for export facilities	0.15	0.26
3	Jetty for Import Facilities	0.02	0.14
4	Others	0.39	0.09
5	Proposed AM/NS land Boundary	2.87	6.01
6	Proposed approach channel		22.73
7	Turning circle		5.30
8	Utilities	0.02	

- x. The site is located 6 km from the Bhitarkanika Wildlife Sanctuary area. As it is outside the ESZ, area Wildlife clearance is not applicable for this project as per MoEF&CC circular vide F.No. 6-60/2020WL Dt. 16.7.2020.
- xi. CRZ Permissibility: The proposed project activities are permissible as per the provisions of CRZ Notification, 2019 under Clause

5.1.2-CRZ-I(B) -“ Land reclamation, bunding, etc. shall be permitted only for activities such as,-

- (i) (a) foreshore facilities like ports, harbours, Jetties, wharves, quays, slipway, bridges, hover ports for coast guard, sea links, etc;
- (ii) Activities related to waterfront or directly needing foreshore facilities such as ports and harbours, jetties, quays, wharves, erosion control measures, breakwaters, pipelines, lighthouses, navigational safety facilities, coastal police stations, Indian coast guard stations and the like

5.2- CRZ-II:

Activities as permitted in CRZ-I B, shall also be permissible in CRZ-II, in so far as applicable:

5.4-CRZ-IV (iii) “ activities related to waterfront or directly needing foreshore facilities such as ports and harbours, jetties, quays, wharves, erosion

control measures, breakwaters, pipelines, navigational safety facilities and the like.

The project required CRZ recommendation from OCZMA as per Para 7(ii) of the CRZ-Notification 2019.

OCZMA may discuss the proposal and if consider may recommend the proposal to MoEF&CC for grant of CRZ clearance under CRZ Notification, 2019.

### **3. Setting up of 5 MLD Hybrid desalination plant at Ganjam by Grasim Industries Pvt. Ltd.**

The Unit Head, Chemical Division, Grasim Industries Limited (GIL) has submitted a proposal "Setting up of 5 MLD Hybrid desalination plant at Ganjam" for CRZ Clearance.

Project proponent submitted the EIA report prepared by INDOMER Coastal Hydraulics (P) Ltd., CRZ Form-V, CRZ Map in 1:4000 scale prepared by IRS, Chennai, CZMP Approved CRZ Map in 1:25000 scale super imposing the project location as per CRZ Notification, 2019.

The project has the following background features:

- i. The proposed activity involves setting up of a 5.0 MLD desalination plant in the north of Rushikulya River bank within the boundary of GIL, Ganjam District. The desalination process includes Sea Water Intake, pre-treatment of the feed water, RO Process, post treatment and discharge of Brine reject to the out fall point
- ii. The saline water will be intake from Rushikulya River mouth through a channel and will be store in the collection sump. The intake channel is proposed at a distance of 10m and 0.2m below CD from landfall point of the river. The total intake volume will be 12.5 MLD with a rate of 0.145m<sup>3</sup>/s. Sea Water Reverse Osmosis Process (SWRO) is proposed to desalt the saline water. The volume of brine reject generated from the proposed project will be 7.5 MLD. But the total volume of brine reject released to sea through the outfall point is 8 MLD as 0.5 MLD of brine reject from the existing desalination plant will be mixed together to discharge to sea at a rate of 0.086 m<sup>3</sup>/s. The out fall point is at open sea and located at a distance of 800 m from the land fall point and at a depth of 8.9m CD. The total length of the out fall pipeline is 3222m which cross 2422 m along the Rushikulya River bank side and 800 m inside sea.

The salinity of the brine reject will vary from 8PSU to 50 PSU throughout the year which is 1.67 times higher than the intake water salinity. The marine study report showed that the salinity of the brine reject will remain between 8 PSU to 33 PSU (Practical Salinity Unit) which is less than the ambient sea water salinity of 35 PSU for 10 months of a year and marginally exceeds i.e 42-50 PSU from April & May Month.

The impact of the brine reject on the benthic flora and fauna has been carried out in the EIA Report which states brine has negligible impact on the benthic flora & fauna as well as water environment as the discharge location is identified where the maximum dilution takes place within a short period of time. The temperature of the brine reject is slightly

higher than the water temp but the impact is negligible. Screen and membrane will be provided in the diffuser point and intake point.

The turtle congregation zone is 1300 m away from the outfall diffuser point. The proponent submitted that dispersion modelling study confirms that the mixing radius of the outfall discharge is limited to be within 100m. The salinity of the brine will remain 15 PSU to 33 PSU during the turtle nesting period of January to March which is less than the ambient sea water salinity. Besides this the trenching of pipeline would not be carried out during the turtle nesting period, so there will be not any impact on the Olive Ridley turtles due to the desalination plant.

The project cost is Rs.30 Crores.

- iii. Institute of Remote Sensing, (IRS) Anna University, Chennai carried out the CRZ study and prepared the 1:4000 scale CRZ Map superimposing the project location and shows that the desalination plant is located beyond CRZ area but the collection sump, intake and out fall pipeline of the desalination plant requires to be constructed within different CRZ areas i.e under CRZ-I (B),CRZ-IV(A), CRZ-IV(B) & CRZ-III.

Status of various activities falls in different CRZ areas as per the report of IRS, Chennai

Sl. No	Project details	CRZ Classification	Length of pipelines in metres	Total length in
1	Proposed desalination outfall pipeline	CRZ-IB	405.72	3222.48
		CRZ-III (No Development Zone )	172.74	
		CRZ-IVA	704.84	
		CRZ-IVB	1939.18	
2	Infiltration galleries, intake landfall point	CRZ-III (No Development Zone )	215.62	400.61
		CRZ-IVB	184.88	

- iv. The proposed activities are permissible under CRZ Notification, 2019 under:

**Para 5.1.2-CRZ-IB**

(ii) Activities related to waterfront or directly needing foreshore facilities such as ports and harbours, jetties, quays, wharves, erosion control measures, breakwaters, **pipelines**, lighthouses, navigational safety facilities, coastal police stations, Indian coast guard stations and the like.

(xiv) Foreshore requiring facilities for transport of raw materials, facilities for intake of cooling water, intake water for desalination plants, etc, and outfall for discharge of treated wastewater or cooling water from thermal power plants in conformity with the environmental standards notified by Ministry of Environment, Forest and Climate Change and relevant directions of Central Pollution Control Board (CPCB) or State Pollution Control Board (SPCB) or Pollution Control Committee (PCC), as the case may be.

(xv) Pipelines, conveying systems including transmission lines.

(xviii) Desalination plants and associated facilities.

**Para 5.3 CRZ-III:**

(i) Activities as permitted in CRZ-I B, shall also be permissible in CRZ-III, in so far as

applicable

**Para 5.4 CRZ-IV**

- (iii) Activities related to waterfront or directly needing foreshore facilities, such as ports and harbours, jetties, quays, wharves, erosion control measures, breakwaters, pipelines, navigational safety facilities and the like.
- (xiii) Pipelines, conveying systems including transmission lines.

OCZMA may discuss the proposal and if consider may recommend the proposal to MoEF&CC for grant of CRZ clearance under CRZ Notification, 2019.

**4. Transfer of CRZ clearance in the name of Mr. Akshya Kumar Swain from M/s Prabhukrupa Estate & Properties.**

Mr. Akshya Kumar Swain submitted an application for Transfer of CRZ clearance granted in the name of M/s Prabhukrupa Estate & Properties to his name.

It is noted that OCZMA granted CRZ Clearance in favour of M/s Prabhukrupa Estate & Properties vide Letter No. 113/OCZMA Dt. 01.07.2020 for construction of Holiday home cum guest house over plot no. 307(p), mouza-Sipasarubuli, Puri. The said plot was sold by M/s Prabhukrupa Estate & Properties and now it is in the name of M/s Akashya Kumar Swain which is verified from the sale deed No. 11482204143 dt. 13.07.2022.

Now M/s Akashya Kumar Swain wants to construct a Holiday home cum guest house over the plot and submitted that construction will be carried out without changing the project profile and building plan based on which the CRZ Clearance was accorded earlier.

The applicant submitted the NOC from the transferor and transferee and submitted an undertaking stating acceptance of the terms and conditions under which the prior environmental clearance was granted.

OCZMA may discuss the matter and if consider may take a decision on Transfer of CRZ clearance.

**5. Construction of Residential building over plot No.125, Khata no.23/4 Mouza Udayapur, Tehsil-Konoshi, Gopalpur, Berhampur by Mrs Subhadra Rath.**

The proposal was placed in the 25th meeting of OCZMA held on 21.7.2015 and accorded CRZ Clearance vide letter no. 61/OCZMA Dt. 25.08.2015 for construction of 5 blocks (A,B,C,D,E) of S+G+2 storeyed residential apartment over plot No.125, Khata no.23/4 Mouza Udayapur, Tehsil-Konoshi, Gopalpur, Berhampur in the name of Mrs Subhadra Rath.

The applicant informed that construction is completed as per approval of OCZMA and Berhampur Development Authority. But considering the tourism potential of the locality project proponent wants to convert 2 blocks to Hotel complex in the company name M/s Specadi Resorts Pvt. Ltd without changing the Built up area and Mrs Rath is one of the Directors of the company. The total built up area of the 2 blocks (D&E) is 4067.37 sqm.



The applicant obtained permission from the Berhampur Development Authority for commercial and residential use of the building vide letter No. 1690/BeDA dt. 25.9.2021 and consent to establish from the State Pollution Control Board, Odisha vide Letter No. 3643/CTE-1475/2020 dt.30.10.2021. The proposal also accorded Single window clearance from Special Single Window Clearance Committee, Govt. of Odisha for beach resort / hotel complex.

OCZMA may discuss the matter and if consider may grant permission for conversion of 2 blocks to hotel complex as proposed.

**6. Construction of Integrated sports complex named Jagannath Cricket Stadium at Plot No.,-10 & 10/162 of Khata No.93, mouza Balukhand in Puri district by Sports & Youth Service Department, Govt. of Odisha**

The secretary, Sports & Youth Service Department, Govt. of Odisha has submitted a proposal namely "Construction of Integrated sports complex named Jagannath Cricket Stadium at Puri " for CRZ Clearance.

Project proponent submitted CRZ Form-V, the EIA report, CRZ Map in 1:4000 scale prepared by IRS, Chennai, CZMP Approved CRZ Map in 1:25000 scale super imposing the project location, project plan, demarcation of Project site on Google map as per CRZ Notification, 2019.

The brief of the project is as:

- i. The Sports & Youth Service Department, Govt. of Odisha proposed for construction of an integrated sports complex names Jagannath Stadium at mouza Balukhand in Puri district.
- ii. The development proposed over Plot No. 10, 10/162 of Khata no. 93 in mouza Balukhand in Puri district. The plot area is 43050.7sq.mt. and the total built up area is 9517.19sq.m.
- iii. Area cost is Rs.40 Crores.
- iv. Presently the area is being used as a cricket ground. The proposed project involves development of sports facilities and commercial and support amenities.

**The sports facilities include**

- Development of a Cricket field as per the sports Authority of India norms with a spectator seating capacity for 1500.
- Olympic size Swimming Pool with change room and coach room.
- A tennis court
- Volley ball court
- One Basketball ground
- Multipurpose indoor hall with 4 nos of Badminton court

**Commercial and support amenities:**

- Administrative/facilities management office
  - Dormitories for players
  - Toilets
  - 44 nos of shops
  - Parking
  - Sewage treatment plant
  - Electric substation
  - Guard room
- v. The power requirement is 331.99 kVA and will be met from the Tata Power Central Odisha Distribution Limited and there will be Provision of a 320 kva capacity DG Set as back-up power supply.
- vi. The water requirement of 165 KLD will be met from municipality supply. For the treatment of waste water a STP of 150 KLD capacity is proposed.
- vii. The GPS Co-ordinates of the project are A. 19° 48' 23.001" N 85° 50' 54.733" E,(B) 19° 48' 24.872" N 85° 51' 0.993" E,(C) 19° 48' 18.753" N 85° 51' 3.866" E & (D)19° 48' 16.846" N 85° 50' 56.873"E.

Institute of Remote Sensing, Anna University Chennai carried out the CRZ Study and prepared the 1:4000 scale map superimposing the project location with reference to the approved CZMP Map of Odisha sheet no. E 45B 13/SW, Map no. OD-25 prepared as per CRZ Notification, 2019. As per the map the sports complex falls under CRZ-II area of Puri.

Area falls in CRZ Zones demarcated by IRS, Chennai

Sl. No.	CRZ - Classification	Area in Sq.m
1	CRZ - II	39525.29
2	Outside CRZ	3323.59
Total		42848.88

- viii. CRZ Permissibility: The proposed project activities are permissible as per the provisions of CRZ Notification, 2019 under Clause
- 5.2-CRZ-II "Construction of buildings for residential purposes, schools, hospitals, institutions, offices, public places, etc. shall be permitted only on the landward side of the existing road, or on the landward side of existing authorized fixed structures
- ix. The project site comes under the area of Puri Konark Development Authority, Puri.

OCZMA may discuss the proposal and if consider may grant CRZ clearance to the aforesaid project under CRZ Notification, 2019. The CRZ Clearance is subject to final approval of the Puri Konark Development Authority, Puri.

## **7. Construction of 5 star Hotel Building at Gopalpur by M/s Luxurio Assets Pvt. Ltd.**

Managing Director of M/S-Luxurio Resorts Pvt. Ltd has submitted a proposal namely construction of a 5 star Hotel at Gopalpur for CRZ Clearance.

Project proponent submitted CRZ Form-V, the EIA report, CRZ Map in 1:4000 scale prepared by IRS, Chennai, CZMP Approved CRZ Map in 1:25000 scale super imposing the project location, project plan, Project site on Google map as per CRZ Notification, 2019.

The project has the following background features:

- I. The proposed project is for construction of a Hotel Building with other essential services at Gopalpur in Ganjam district, Odisha. The development proposed over Plot No. 184/619, Mouza: Udayapur, thana-Gopalpur No.122, Tahasil-Konisi, District-Ganjam. Total 5.250 Acre of Government land is leased out for the project. IDCO leased out the land in the name of M/s Luxurio Assets Pvt. Ltd for 90 years. The kissam of the land is Patita. The land in the project site is plain land with a general elevation of about 5-6 m AMSL. The cost of the project is Rs. 99.0 crore.
- II. The total Plot area is 21245.996 m<sup>2</sup> (5.25 acres). The construction proposed is Lower Ground Level +Ground +13 upper floors. Total Ground Coverage 5890.99m<sup>2</sup> (28 % of total plot area) and total Built-up Area = 19500 m<sup>2</sup>. Total Nos. of Guest Room Units proposed = 150. Total parking area provided= 4684.26m<sup>2</sup> + 2349.03 m<sup>2</sup> of open parking which is 32 % of Built up area. The height of the building is 50m. The proposed FAR is 0.92. Landscape Area is 9000 m<sup>2</sup> @ 30.18 % of the plot area. Area of Internal roads is 4006 m<sup>2</sup> (17.72 % of total plot area), Roadside & Open Area Parking.
- III. The Quantity of water requirement during operation period is estimated to be 95KLD which will be sourced from Water Corporation of Odisha ,(WATCO) Govt. of Odisha.
- IV. The sewage generated is estimated to be 80KLD and will be treated through STP of capacity 90 KLD.
- V. The total amount of solid waste generated from the operation period will be 300 KG per day and will be transferred to authorized waste collection

agencies of Municipalities.

- VI. Total electricity requirement is 5000kwh and will be sourced from Tata Power Central Odisha Distribution Limited. For the back-up power supply 2 nos. of DG set is proposed with capacity of 1250 kwh.
- VII. The project does not attract EIA Notification-2006 as the built up area is 19500m<sup>2</sup> which is less than 20,000m<sup>2</sup>.
- VIII. This project site falls within CRZ-II area of Gopalpur as per the CZMP map No.OD-7, Sheet No. E -45 A 15/SE of Odisha.
- IX. CRZ Study was carried out by Institute of Remote Sensing, Anna University, Chennai one of the Authorized agency identified by Ministry of Forest Environment & Climate Change and the report indicates that the site falls completely within the CRZ area. No sand dunes or ecologically sensitive area present within the project area. However, sand dune is present at a distance of 42m from the project boundary in the east side of the proposed project site and the site is 280m away from the HTL.
- X. CRZ Permissibility of the project  
The proposed activities are permissible under CRZ Notification, 2019 as per  
  
Para 5.2-(ii) Construction of buildings for residential purposes, schools, hospitals, institutions, offices, public places, etc. shall be permitted only on the landward side of the existing road, or on the landward side of existing authorised fixed structures:  
  
Para 5.2 –CRZ-II (iv) “reconstruction of the Authorized building shall be permitted without change in the land use pattern subject to local Town & country planning regulations as applicable from time to time xxxxxxxx” and  
  
Para 5.2 CRZ-II (v) “Development of vacant plots in the designated areas for construction of beach resorts or hotels or tourism development projects subject to the conditions or guidelines at Annexure-III to this Notification.
- XI. The project site comes under the development area of Berhampur Development Authority, Berhampur.

OCZMA may discuss the proposal and if consider may grant CRZ clearance to the aforesaid project under CRZ Notification, 2019. The CRZ Clearance is subject to final approval of the Berhampur Development Authority, Berhampur.

**8. Laying of pipeline for release of treated effluent from the fish processing unit to sea proposed at village Tundara, Inchudi, District Balasore” by Grade Marine Export Pvt. Ltd.**

The Director of Grade Marine Export Pvt. Ltd. has submitted a proposal namely “Laying of pipeline for release of treated effluent from the proposed fish processing unit at Tundara, Inchudi, Balasore to sea” for CRZ Clearance.

Project proponent submitted Form-V Project Summary Details, EIA study Report carried out by Indomer Coastal Hydraulics, Risk Assessment Report and Disaster Management Plan, CRZ Map in 1:4000 Scale prepared by IRS, Chennai, CRZ Map in 1:25000 Scale superimposing the project location, Consent to Establish from OSPCB, Drawing & Design of the project, Google Map as per CRZ Notification, 2019.

The project has the following background features:

- i. The proposed project is for laying of pipeline to discharge the treated effluent from the fish processing unit at Tundara, Inchudi, Balasore to sea.
- ii. The company proposed a fish processing unit at Tundara Village of Balasore district. The fishes catch will be washed with water inside the plant site and the waste water along with the removing fish skin, viscera, fish heads and carcasses fish bones will be treated through an ETP. The treated water from ETP will be discharged in to sea through pipeline. The amount of water discharged to sea is estimated to be 1 MLD. The proposed length of the pipeline is 8.66km. The depth & width of excavation for laying of pipeline is 1x1m.

The treated water will be discharge at a distance of 600m inside sea from the land fall point with a depth of 1 m below High Tide through a diffuser having a discharge quantity of 0.01m<sup>3</sup>/sec. The treated water will be discharged during the ebb tide phase so that it will be carried directly to sea and will get mixed well. The outfall point is selected to prevent recirculation of discharged water to shore.

- iii. The proposed processing plant is located outside the CRZ Area.
- iv. The pipeline from effluent treatment plant of the fish processing unit to sea for the disposal of treated effluent passes through different CRZ areas like CRZ III (no development zone), CRZ-IB intertidal area & CRZ-IVB Ghandia Nala & IVA sea area.

Description	Split up	CRZ Classification	Length in meters	Total length in meters
Proposed pipeline	Plant to Land	CRZ-IB	210	8066
	Fall Point	CRZ-III	4917	

		CRZ-IVB	2770	
		Outside CRZ Area	169	
LFP to Outfall		CRZ-IB	467	600
		CRZ-III	120	
		CRZ-IVB	13	

The GPS Co-ordinates of the outfall point is 21° 20' 2.0" N & 86° 54' 56.2" E. The outfall location is comprising a tidal flat area having a width of 2.5km between HTL & LTL. The Bathymetry study report states that the bathymetry contour appears to be parallel to the coast with a fair gradient. The sea bed has a slope of 1:700m between HTL to 5m water depth and beyond 5m depth the area has a flat slope of 1:1500m

Project proponent informed that the treated processed water is inorganic in nature and it contains Total Suspended Solid (TSS), Oil & grease and all the parameters will be met the CPCB & OPCB standard before release to the sea.

- v. The project accorded consent to establish from the State Pollution Control Board, Odisha on 25.5.2022.
- vi. CRZ Permissibility of the project

The proposed activities are permissible under CRZ Notification, 2019 as per

#### 5.1.2-IB

Activities related to waterfront or directly needing foreshore facilities such as ports and harbours, jetties, quays, wharves, erosion control measures, breakwaters, **pipelines**, lighthouses, navigational safety facilities, coastal police stations, Indian coast guard stations and the like.

(ix) Treatment facilities for waste and effluents and conveyance of treated effluents.

(xi) Pipelines, conveying systems including transmission lines.

#### 5.3 CRZ-III:

Activities as permitted in CRZ-I B, shall also be permissible in CRZ-III, in so far as applicable

5.3 CRZ-IV (iii) Pipelines, conveying systems including transmission lines.

"D. Marine Disposal of Treated Effluent through pipelines" under para 3 Description of the project under consideration as per Form -V of CRZ Notification-2019:

OCZMA may discuss the proposal and if consider may recommend the proposal to MoEF&CC for grant of CRZ clearance under CRZ Notification, 2019.

**9. Set up of temporary tent accommodation and Operation of Water sports activities at Kusabhadra Rive, Gop Tahasil, Mouza Sahikhanata in Puri District by BK Water Adventure.**

The Director of BK Water Adventure has submitted a proposal namely “Set up of temporary tent accommodation and Operation of Water sports activities at Kusabhadra Rive, Gop Tahasil, Mouza Sahikhanata in Puri District” for CRZ Clearance.

- v. The project is for temporary beach tourism project. The activity proposed includes set up of 14 nos of tent accommodation, operation of non-motorised water sports activities, one wooden veg restaurant, 4 nos of bio toilets & Changing room.

The water sports item includes:

- Canoeing-10nos
- Kayaking-10nos
- Banana Boat riding-10nos
- Water ski-10nos
- Wind surfing-11nos
- Angling-10nos
- Snorkelling-20nos
- Zorbing -10nos
- Floating jetty-10nos

- vi. The area selected for the tented accommodation is near Lotus Resort and the water sports items is operated on Kusabhadra River. The GPS Co-ordinates of the activity area is 19°51' 28.17"N 86°04'19.98"E. As per CRZ Map in 1:25000 the proposed project site falls in CRZ-III & CRZ-IVB sea area. The proposed project is temporary in nature where no RCC construction is proposed. The cost of the proposed project is Rs. 1.07 Crore.
- vii. Necessary safety measures like life Jackets, life guards, Rescue tube, crush Helmets will be provided to the tourists at the time of ride. First-aid kits and fire extinguisher and UHF/ GPS for communication will be provided at the time of ride.
- viii. The proposed activity is permissible as per the Provisions of CRZ Notification, 2019 under:

5.3 CRZ-III (g) Temporary tourism facilities shall be permissible in the NDZ and beaches in the CRZ-III areas and such temporary facilities shall only include shacks, toilets or washrooms, change rooms, shower panels, walk ways constructed using interlocking paver blocks, etc, drinking water facilities, seating arrangements etc., and such facilities shall, however, be permitted only subject to the tourism plan featuring in the approved CZMP as per this notification subject to maintaining a minimum distance of 10 meters from HTL for setting up of such facilities”.

5.4 CRZ-IV (iii) “Activities related to waterfront or directly needing foreshore facilities, such as ports and harbours, jetties, quays, wharves, erosion control measures, breakwaters, pipelines, navigational safety facilities and the like.

OCZMA may discuss the proposal and if consider may grant CRZ clearance to the aforesaid project under CRZ Notification, 2019.

**D. Other matter for discussion with the permission of Chair.**