

## **MINUTES OF THE 295<sup>TH</sup> MEETING OF EXPERT APPRAISAL COMMITTEE FOR PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON 27<sup>TH</sup> APRIL, 2022**

The 295<sup>th</sup> meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 27<sup>th</sup> April 2022 through Video Conferencing due to the prevalent pandemic situation. The list of Members presents in the EAC (CRZ) is at **Annexure.**

The deliberations held and the decisions taken are as under:

### **2.0 CONFIRMATION OF THE MINUTES OF THE LAST MEETING**

The Committee has noted that the Minutes of the 292<sup>nd</sup> meeting held on 23<sup>rd</sup> March 2022 are in order and confirmed the same with suggestions that in case any typographical/grammatical errors are noticed in due course, the same may be corrected suitably.

### **3.0 CONSIDERATION OF PROPOSALS FOR CRZ CLEARANCE**

#### **Item No. 3.1**

**Proposal for Establishing of 10 MLD capacity Desalination plant at R.S.No.355, Mullakadu Village, Thoothukudi Taluk, Thoothukudi District by M/s Tamil Nadu Generation and Distribution Corporation Ltd. (TANGEDCO), Chennai-CRZ Clearance IA/TN/CRZ/261055/2022] [F.NO.11/14/2022-IA.III]**

***“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of the data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”***

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:

- (i) The proposal is for CRZ clearance to the project for the Establishment of 10 MLD capacity Desalination plant at R.S.No.355, Mullakadu Village, Thoothukudi Taluk, Thoothukudi District by M/s Tamil Nadu Generation and Distribution Corporation Ltd. (TANGEDCO), Chennai.

- (ii) The Centre co-ordinates of the project site are Latitude 8°45'53.35"N Longitude 78°10'53.21"E and proposed to construct and operate a RO Desalination Plant of capacity 10 MLD at the existing Tuticorin Thermal Power Station (TTPS) campus to meet the raw water requirement of its 5 x 210 MW capacity Thermal Power Station.
- (iii) Total project area is 1.95 Acres and the project area is falling in CRZ-II and the area through which the outfall and inlet pass through the CRZ-IB and CRZ-IV.
- (iv) Project Proponent reported that there will be a requirement of 45-50 KLD water during the construction phase and 10 KLD during the operational phase which will be sourced by TANGEDCO.
- (v) Total of 29 MLD raw sea water is required for a 10 MLD Desalination plant.
- (vi) The total cost of the project is ₹98.12 crores and of a total ₹50 Lakh is proposed for EMP.
- (vii) Total funds allocated for during the construction phase around 100 workers will be directly employed and during the operation phase and around 35 manpower will be recruited.
- (viii) Municipal Solid waste generated during construction waste will be 1.0 Ton/month and will be used as manure in the premise. 50 lit/Year of used oil will be generated which will be sold to registered refiners. Discarded Container – 5 Nos./year will be sold to CPCB / MoEF&CC approved recyclers.
- (ix) Total power requirement will be 2500 kW and Emergency DG supply will be 415V, 3 phase, 4 wires, solidly earthed Source.
- (x) The CRZ Map for the proposed project was prepared by the Institute of Remote Sensing, Anna University, Chennai.
- (xi) Project activity is a permissible activity as per CRZ notification, 2011, vide Para 4(i) (a), Para 8 I CRZ I (i) (b) and 8 II CRZ II (v).
- (xii) The Tamil Nadu Coastal Zone Management Authority has recommended the proposal for CRZ clearance *vide* its Letter No. P1/2626/2019 dated 22/02/2022.

## 2. **Deliberations in the EAC:**

The Committee made a detailed deliberation on the proposal. The Committee noted that proponent has not provided sufficient information about EIA report specially water quality parameter at outlet point and also observed that there is an information discrepancy and not provided clear information about different CRZ areas where project lies, and power requirement etc. The Committee desired that PP submit all aforesaid clarity / information before its next presentation and the proposal is accordingly **deferred** at this stage. The committee also sought the original proposal submitted to TCZMA. The water quality and ecology data at the adjoining areas of outlet and brine dispersion study should be presented.

### **Item No. 3.2**

**Proposed Pipeline from Q4 Jetty to POL Terminal of IOCL at Willingdon Terminal, Kochi, Ernakulam by Shri G.Balagopal, Sr. Terminal Manager, Indian Oil Corp Ltd, PB No.535, Indira Gandhi Road, Willingdon Island, Kochi, Ernakulam by M/s Indian Oil Corporation Limited(IOCL)-CRZ Clearance regarding IA/KL/CRZ/234606/2021] [F.NO.11/15/2022-IA.III]**

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:
  - (i). The proposal is for CRZ clearance to the project for laying pipeline from Q4 jetty to POL terminal of IOCL at Willingdon Island, Kochi, Kerala by M/s. Indian Oil Corporation Limited (IOCL).
  - (ii). Indian Oil Corporation Limited (IOCL) has POL Terminal at Willingdon Island in the leased land from Cochin Port Trust and using BTP (Boat, Train, Pier) jetty of Cochin Port for their product receipt. This creates a high occupancy of berth at BTP jetty during the tourist season.
  - (iii). In order to maintain the business interest of both Port and IOCL, Cochin Port has advised IOCL to shift tanker receipt pipeline from BTP jetty to Q4 jetty. This Q4 jetty already has receipt pipelines of other private players like Ganesh Benzo Plast, HHA and Konkan. Thus, Q4 jetty become dedicated oil jetty with fire fighting facilities.
  - (iv). The proposed project site is located in Survey No. 2578/4, Thoppumpady Village, Kochi Taluk, Ernakulam District. Latitude: 9°57'38.34"N to 9°57'56.86"N and Longitude: 76°15'55.05"E to 76°15'44.46"E.
  - (v). Land acquisition is not required for the proposed project, as the project will be established in the leased area of Cochin Port.
  - (vi). The proposed project consists of laying of four pipelines of 10 inch diameter each. Length of each pipeline is 1 km.
  - (vii). Products to be handled in 4 pipelines are ATF (Aviation Turbine Fuel), HFHSD (High Flash High Speed Diesel), FO (Furnace Oil) and VLSFO (Very Low Sulphur Fuel Oil). ATF is Class B product and HFHSD, FO, VLSFO are Class C products.
  - (viii). Pipelines would be above ground only, except for road crossings and railway crossing. New pipelines would be provided with Cathodic Protection (CP) system.
  - (ix). Estimated Cost of the Project is ₹737 Lakhs. Duration of the Project is 18 months. The budget estimated for the environment management measures is ₹8.90 Lakhs.
  - (x). The proposed project site falls under CRZ II (287.2 m<sup>2</sup>) and CRZ IVB (412.5 m<sup>2</sup>) as per the CRZ status report prepared by Institute of Remote Sensing (IRS), Anna University, Chennai. The CRZ area falling in the proposal has already been developed for Cochin Port Operations.
  - (xi). Consent to Establish (CTE) no. G21ERRCTE339311 valid up to 25/02/2026 has been obtained from Kerala State Pollution Control Board (KSPCB).
  - (xii). M/s. ULTRA TECH Environmental Consultancy has been entrusted by IOCL, to prepare Rapid Environmental Impact Assessment (EIA) report for the proposed project.
  - (xiii). Benefits of the project:
    - (a). Proposal of new pipelines would make the product receipt much easier.

- (b). Will help to maintain supply demand of products and thus accelerates industrial growth.
- (c). Q4 Jetty will become dedicated oil jetty with fire fighting facilities.

**2. Deliberations in the EAC:**

The EAC noted that the project proponent has not submitted any EIA / EMP report as per the CRZ Notification, 2011 for consideration of the Kerala CZMA to appraise and recommend the proposal. The Committee was of the view that the recommendation of the SCZMA shall also be based on the EIA/Rapid EIA, which is one of the essential documents as per the CRZ Notification 2011. The Committee desired that the proposal shall be examined at a later stage after obtaining recommendation of KCZMA and the project proponent shall circulate the EIA/EMP report and other requisite documents as per the Agenda. The proposal is accordingly **deferred**.

**Item No. 3.3**

**Proposal for Construction of Holiday Homes on Plot bearing Gat No.84 & Gat No.85 at Shekhadi, Tal. Shrivardhan, Alibag, District Raigad, Maharashtra by Shri Nandu Anantram Rajput-CRZ Clearance regarding [I/MH/CRZ/267462/2022] [F.NO.11/16/2022-IA.III]**

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:

- (i). The proposal is for CRZ clearance to the project for Construction of a 'Holiday Resort' at G. No. 84 & 85, Shekhadi, Taluka Shrivardhan, District Raigad, Maharashtra State by Mr. Nandu Rajput.
- (ii). The Latitude & Longitude of project site: 18°7'58.15"N 72°58'44.38"E. Category of the project is CRZ III & IB. Total Plot Area is 207600.0.0 Sq.m. The project involves construction comprising of holiday resort buildings of 40099.54 Sq.m. as:

S.NO.	TYPE OF UNIT	GROUND FLOOR AREA	FIRST FLOOR AREA	TOTAL B-UP AREA
1]	GUEST HOUSE	888.12 SMT.	888.12 SMT.	1776.24 SMT.
2]	HOTEL BUILDING - A	819.02 SMT.	819.02 SMT.	1638.04 SMT.
3]	HOTEL BUILDING - B	881.10 SMT.	881.10 SMT.	1762.20 SMT.
4]	ADMIN BUILDING	625.27 SMT.	625.27 SMT.	1250.54 SMT.
5]	HEALTH CLUB	625.27 SMT.	625.27 SMT.	1250.54 SMT.
6]	STAFF QUARTER	296.34 SMT.	296.34 SMT.	592.68 SMT.
7]	SPA UNIT	718.55 SMT.	-	718.55 SMT.
8]	CLUB HOUSE	221.58 SMT.	166.87 SMT.	388.45 SMT.
9]	SECURITY CABIN	24.36 SMT.	-	24.36 SMT.
10]	METER ROOM	67.54 SMT.	-	67.54 SMT.
11]	COTTAGE TYPE - A NO. OF UNIT - 43	136.24 X 43 = 5858.32 SMT.	77.16 X 43 = 3317.88 SMT.	9176.20 SMT.
12]	COTTAGE TYPE - B NO. OF UNIT - 46	151.42 X 46 = 6965.32 SMT.	92.13 X 46 = 4237.98 SMT.	11203.30 SMT.
13]	COTTAGE TYPE - C NO. OF UNIT - 55	103.53 X 55 = 5694.15 SMT.	82.85 X 55 = 4556.75 SMT.	10250.90 SMT.
TOTAL BUILT-UP AREA		23684.94 SMT.	16414.60 SMT.	40099.54 SMT.

CRZ - III BUILT-UP AREA STATEMENT				
S.NO.	TYPE OF UNIT	GROUND FLOOR AREA	FIRST FLOOR AREA	TOTAL B-UP AREA
1]	GUEST HOUSE	888.12 SMT.	888.12 SMT.	1776.24 SMT.
2]	HOTEL BUILDING - A	819.02 SMT.	819.02 SMT.	1638.04 SMT.
3]	HOTEL BUILDING - B	881.10 SMT.	881.10 SMT.	1762.20 SMT.
4]	ADMIN BUILDING	625.27 SMT.	625.27 SMT.	1250.54 SMT.
5]	HEALTH CLUB	625.27 SMT.	625.27 SMT.	1250.54 SMT.
6]	STAFF QUARTER	296.34 SMT.	296.34 SMT.	592.68 SMT.
7]	COTTAGE TYPE - B NO. OF UNIT - 21	151.42 X 21 = 3179.82 SMT.	92.13 X 21 = 1934.73 SMT.	5114.55 SMT.
8]	COTTAGE TYPE - C NO. OF UNIT - 03	103.53 X 03 = 310.59 SMT.	82.85 X 03 = 248.55 SMT.	559.14 SMT.
TOTAL BUILT-UP AREA		7625.53 SMT.	6318.40 SMT.	13943.93 SMT.

  

NON - CRZ BUILT-UP AREA STATEMENT				
S.NO.	TYPE OF UNIT	GROUND FLOOR AREA	FIRST FLOOR AREA	TOTAL B-UP AREA
1]	SPA UNIT	718.55 SMT.	-	718.55 SMT.
2]	CLUB HOUSE	221.58 SMT.	166.87 SMT.	388.45 SMT.
3]	SECURITY CABIN	24.36 SMT.	-	24.36 SMT.
4]	METER ROOM	67.54 SMT.	-	67.54 SMT.
5]	COTTAGE TYPE - A NO. OF UNIT - 43	136.24 X 43 = 5858.32 SMT.	77.16 X 43 = 3317.88 SMT.	9176.20 SMT.
6]	COTTAGE TYPE - B NO. OF UNIT - 46	151.42 X 25 = 3785.50 SMT.	92.13 X 25 = 2303.25 SMT.	6088.75 SMT.
7]	COTTAGE TYPE - C NO. OF UNIT - 55	103.53 X 52 = 5383.56 SMT.	82.85 X 52 = 4308.20 SMT.	9691.76 SMT.
TOTAL BUILT-UP AREA		16059.41 SMT.	10096.20 SMT.	26155.61 SMT.

(iii). Total expected population is 300 Nos. Source of Water is Shekhadi Grampanchayat. Total Water requirement is 55.98 m<sup>3</sup>/d. Total Sewage generation is 49 m<sup>3</sup>/d. Capacity of STP is 55.0 m<sup>3</sup>/d. Total Power requirement during Operation phase (Demand load) is 10 KW and DG set for Power back-up during operation phase will be 1No.x20 KVA. Total 150 kg/day solid waste will be generated during operation phase. Total Project Cost is ₹36.91 crore.

## 2. Deliberations in the EAC:

The Committee made detailed deliberation on the proposal. The Committee observed that the proposed project also attracts the provisions of the EIA Notification, 2006 under Category B and requires composite clearance by the SEIAA. The Committee observed that no construction shall be permitted in CRZ-III (NDZ) area for such projects as per the CRZ Notification, 2011. The PP informed to the Committee that the proposed area is under CRZ III & CRZ IB and NDZ is not applicable.

The Committee noted that CRZ IB (intertidal) area is seems to be falling in the private area and as such it requires reconsideration by the Maharashtra CZMA and Town Planning Authorities/Revenue Authorities. The proposed area is found to be having geomorphological features like cliff and may not be in private land. Consideration of such intertidal area under private ownership would lead to damage of coastal ecosystem.

The Committee also noted that NDZ area is mentioned to be 100m in the CZMP / project layout map and as such there is no creek found visible in the project site within 1-2 km. However, Bay / Sea are demarcated in the project site. The Committee is of the view that the CZMP map appears to be erroneous and the MCZMA/Ministry may revisit the CZMP of the area and the CRZ map prepared for the project.

**3. The Committee after detailed deliberations deferred the proposal for additional input / information in respect of the following issues:-**

- (i). Opinion of Maharashtra CZMA and concerned Town Planning Authorities/Revenue Authorities regarding location of the project area in CRZ IB (intertidal) area, and holding of intertidal area by private parties.
- (ii). Location details and exact distance of Sea/Bay/Creek from the project boundary
- (iii). Revisit of CZMP map by the MCZMA/Ministry considering the anomaly in restriction of NDZ to 100m.
- (iv). Revisit of CRZ map prepared for the project providing the factual status.

**Item No. 3.4**

**Proposal for Construction of Ideal Paradise (Hotel) at S.F.No.306/18186,3067/18187,306/1K,306/1L, Keel Tiruchendur Village, Tiruchendur Taluk, Thoothukudi District by Thiru G. Arulraja, Thiru G. Amoseraja and Thiru G. Aaron Raja Anand, Udangudi, District-Thoothukudi, Tamil Nadu - CRZ Clearance regarding IA/TN/CRZ/267899/2022] [F.NO.11/17/2022-IA.III]**

***“The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false / misleading at any stage, the project will be rejected and Environmental and or CRZ Clearance given, if any, will be revoked at the risk and cost of the project proponent.”***

1. The project proponent and their consultant made a detailed presentation of salient features of the project and documents submitted as:

- (i). The proposal is for CRZ Clearance to the project for the Construction of Ideal Paradise (Hotel) at S.F.No.306/18186,3067/18187,306/1K,306/1L, Keela Tiruchendur Village, Tiruchendur Taluk, Thoothukudi District by Thiru G. Arulraja, Thiru G. Amoseraja and Thiru G. Aaron Raja Anand, Udangudi, District-Thoothukudi, Tamil Nadu.
- (ii). The total plot size of the project is 1950.02 Sq. m. and proposed to build as G+2 (3 Floors) with 48 rooms with FSI ratio is 1.411 including total proposed car parking

number is 13. The proposed height of the building is 9 meter with the details of built up area / plinth of all floors area are as under:

Floor	Area in Sq. m.
Ground Floor	916.92
First Floor	916.92
Second Floor	916.92
Head Room	55.22
Total	2805.98

- (iii). The proposed hotel is situated beyond 235m from HTL. The project falls in CRZ II. Project site falls in Seismic Zone-II (IS 1893: 2002) with Low Damage Risk Zone.
- (iv). The proposed project layout was superimposed on the approved CZMP of the 1:4000 Scale Map, which was prepared by Institute of Remote Sensing, Anna University, Chennai.
- (v). The total water requirement will be 25 KLD and sourced will be through Tankers. No withdrawal of ground water. Total power requirement will be 60KV, which will be sourced from the will be met from TNEB.
- (vi). PP reported that Construction or demolition wastes will be handled as per the Construction and Demolition Waste Management Rule 2016. STP Sludge (dry sludge) will be used as manure. Domestic hazardous wastes shall be stored separately and disposed to authorized waste pickers or waste collectors as per the direction or notification by the local authorities from time to time.
- (vii). The total cost of the project will be ₹2.34 crores. During the proposed project approximately 25 persons will be employed.
- (viii). The Tamil Nadu State Coastal Zone Management Authority has recommended the proposal for CRZ clearance *vide* letter No. 22894/EC.3/2021-1 dated 22/03/2022.

## 2. Deliberations in the EAC:

The Committee noted that the **proposed** project is a permissible / regulated activity as per para 4 (i) (d), 8 II (i), and 8 II (ii) of CRZ notification 2011 and also noted that the landward side of the existing and proposed roads or existing authorized structures subjected to the existing local town and country planning regulations including the 'existing' norms of Floor Space Index or Floor Area Ratio. Total 20% of the land area is proposed for greeneries such as trees, plants and lawn. The anticipated impacts on terrestrial environment are mostly during construction phase and are reversible in nature. The Committee after detailed deliberations and considering the submissions made by the project proponent **recommended** the proposal for CRZ Clearance, subject to the following conditions:

- (i). The proposed construction should be as per extant norms given at Annexure-III of the CRZ Notification, 2011 and as amended from time to time.
- (ii). No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.

- (iii). No excavated material during the construction shall be dumped in water bodies or adjacent areas. The site shall be restored to its near original condition after completion of construction of work.
- (iv). Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.
- (v). No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- (vi). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.
- (vii). All the conditions stipulated by the Tamil Nadu Coastal Zone Management Authority for CRZ clearance *vide* its letter No. 22894/EC.3/2021-1 dated 22/03/2022, and commitments made by the PP before the CZMA and EAC shall be followed in letter and spirit.

**CONSIDERATION OF PROPOSAL FOR AMENDMENT/CORRIGENDUM IN CRZ CLEARANCE**

**Item No. 3.5**

**Proposal for laying pipeline for transportation of edible oil from Adani Hazira Port Pvt. Ltd to Adani Wilmar Refinery at Shivarampur Village, District Surat by M/s Adani Wilmar Limited- Corrigendum in CRZ Clearance regarding [I/GJ/CRZ/265432/2022] [F.NO.11-2/2020-IA.III]**

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:

- (i). The proposal is for amendment/corrigendum in the CRZ clearance granted by the Ministry vide letter dated 9<sup>th</sup> December, 2021 to the project for Laying pipeline for transportation of edible oil from Adani Hazira Port Pvt. Ltd. to Adani Wilmar Refinery at Shivarampur Village, District Surat, Gujarat by M/s Adani Wilmar Limited.
- (ii). The project proponent has requested for amendment in the CRZ clearance with the details are as under:

<b>S. No</b>	<b>Para of CRZ clearance issued by MoEF&amp;CC</b>	<b>Details as per the CRZ clearance</b>	<b>To be Revised/Read as</b>	<b>Justification/ Reason</b>
1	<b>Para 3. Part A (ii)</b>	The pipeline shall be laid exclusively by Horizontal Directional Drilling (HDD) method at crossing	The pipeline shall be laid exclusively by Horizontal Directional Drilling (HDD) method at crossing	The Committee in its meeting held on 16 <sup>th</sup> November, 2021 suggested that HDD technology be adopted in the inter tidal areas and



		of water body/river/creek, mangrove and <b>CRZ areas</b>	of water bodies/river/creek, mangrove and <b>CRZ IB areas</b>	an undertaking in this regard be submitted by PP. Accordingly, undertaking was also submitted in this regard.
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## 2. Deliberations in the EAC:

The Committee deliberated the proposal. The Committee noted that the PP had ample opportunity to make such corrections after issue of the minutes of the meeting. The Committee observed that the EAC earlier while considering the CRZ clearance to the project has stipulated the condition for laying of pipeline exclusively by Horizontal Directional Drilling (HDD) method at inter tidal areas including crossing of water bodies/river/creek and mangroves. Accordingly, the Committee has **recommended** for amendment in the CRZ clearance to correct CRZ areas as CRZ IB areas, as proposed, with all other terms and conditions remain unchanged.

### Item No. 3.6

**Proposed laying of treated effluent pipeline and disposal of effluent in to Bhavnagar Creek at Bhavnagar, Gujarat by M/s Madhu Silica Pvt. Ltd.- Amendment in CRZ Clearance regarding [IA/GJ/CRZ/265060/2022] [F.NO.11-6/2015-IA.III]**

1. The project proponent and their consultant made a detailed presentation of salient features of the project and informed that:
  - (i). The proposal is for amendment/corrigendum in the CRZ clearance granted by the Ministry *vide* letter dated 29<sup>th</sup> June, 2015 to the project for Laying of treated effluent pipeline and disposal of effluent into Bhavnagar creek at Bhavnagar, Gujarat by M/s Madhu Silica Pvt. Ltd.
  - (ii). The project proponent has requested for amendment in the CRZ clearance with the details are as under:

S. No	Para of CRZ clearance issued by MoEF&CC	Details as per the CRZ clearance	To be Revised/Read as	Justification/ Reason
1	Para 3 A(ii)	This clearance is only for laying pipeline of <b>130 m in CRZ area (30 m within the CRZ-1B and 100 m in CRZ-III.</b> PP shall obtain necessary	The total length of pipeline would be <b>15 km</b> , out of which <b>3.073 km</b> pipeline would	Even though the total length of the pipeline is mentioned correctly, the length of the pipeline passing through the CRZ area is differently

	prior approval for laying <b>15 km</b> length pipeline from the plant to the creek, from concerned authority as applicable.	be passes through CRZ area	written in the MoEF&CC clearance letter.
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- (iii). The project proponent has further informed that M/s Madhu Silica Private Limited (MSPL) is the largest manufacturer of precipitated Silica in India and it is the 6<sup>th</sup> largest Company in the world. In order to discharge treated effluent, MSPL received CRZ approval from GCZMA and MoEF&CC in December 2014 and June 2015 respectively. Corresponding EIA studies were carried out by M/s Indomer Coastal Hydraulics (P) Ltd., Chennai.
- (iv). The project was implemented in May 2017. The post project monitoring is being carried out in quarterly basis since the commencement of the project from May 2017 and till date. The same EIA report and the CRZ Map were submitted to both GCZMA and MoEF&CC CRZ Committees for the presentation.
- (v). The CRZ map has been prepared by IRS, Anna University, Chennai and submitted to both GCZMA and MoEF&CC CRZ Committees. As per the report and classification of CRZ Notification 2011, the proposed pipeline falls in different CRZ region as given below:

CRZ Area	Length (m)
CRZ I A	2419.26
CRZ III	636.28
CRZ IV B	17.32
Total length in CRZ area	3072.86
Non-CRZ area	11035.70
Total length of pipeline	14108.56

- (vi). MSPL has approached Gujarat Coastal Zone Management Authority (GCZMA) on 03/06/2014 for the above project and obtained CRZ recommendation on its 23<sup>rd</sup> meeting which was held on 16/10/2014. The CRZ recommendation was obtained on 17/12/2014 *vide* Ref. No. ENV-10-2014-74-E. In the CRZ recommendation letter at Page 5 regarding the length of the pipeline, the statement is as follows:
- i. The representative of the MSPL made a presentation before the GCZMA in its 23<sup>rd</sup> meeting, which was held on 16/10/2014 and submitted that the quantity of water would be 417m<sup>3</sup>/hr, total length of the pipeline would be **10 km**, out of which @ **3.073 km** pipeline would pass through CRZ area.
  - ii. The proposal for the above project for MSPL was considered by Expert Appraisal Committee of MoEF&CC in its meeting held on 23<sup>rd</sup> - 24<sup>th</sup> April 2015. The CRZ clearance for laying of pipeline to discharge 10 MLD of treated effluent into Bhavnagar Creek was obtained on 29/06/2015 *vide* File No. 11-6/2015-IA.III. The item no. (ii) under Specific Condition in CRZ clearance letter states that,
  - iii. This clearance is only for laying pipeline of **130 m in CRZ area** (30 m within the CRZ I B and 100 m in CRZ III). PP shall obtain necessary prior approval for

laying **15 km** length pipeline from the plant to the creek, from concerned authority as applicable.

- iv. Even though the total length of the pipeline is mentioned correctly, the length of the pipeline passing through the CRZ area is differently written in the MoEF&CC clearance letter.
- v. A Performance Audit on Conservation of Marine Ecosystem had taken place for M/s Madhu Silica Pvt. Ltd. on 08/09/2021. While going through the CRZ recommendation / clearance letters, the auditor pointed out the mismatch in the length of the pipeline passing through various zones shown in MoEF&CC compared to GCZMA recommendation letter.
- vi. Though both CRZ recommendation letter issued by GCZMA and CRZ clearance letter issued by MoEF&CC are correct, some segments of the pipeline were not mentioned in the MoEF&CC clearance letter. This was verbally pointed out by the Auditor during the inspection. It is requested to MoEF&CC CRZ Committee to modify the clearance statement in line with GCZMA clearance.

## 2. Deliberations in the EAC:

The Committee deliberated the proposal. The Committee noted that the PP had ample opportunity to make such corrections after issue of the minutes of the meeting and CRZ letter. The PP has approached Ministry/EAC only after audit objections.

The Committee during deliberations observed that though the length of the pipeline in the CRZ area found to be matching with the GCZMA recommendation (i.e. **3.073 km**); there is a mismatch in total length as considered by the Ministry (i.e. **15 km**) and GCZMA (i.e. *10 km*).

The Committee **recommended** issuing corrigendum to correct the length of the pipeline in CRZ area to **3.073 km**. **However, regarding total length of the pipeline, the PP may submit an undertaking to the Ministry, which shall be in conformity with the actual figures.**

4. Any other item with the permission of the Chair.

The meeting ended with a Vote of Thanks to the Chair.

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## Annexure

### List of the Expert Appraisal Committee (CRZ) Members participated during Video Conferencing (VC) Meeting held on 27<sup>th</sup> April 2022.

<b>S. No.</b>	<b>Name of Members</b>	<b>Designation</b>
1.	Dr. Deepak Arun Apte	Chairman
2.	Dr. Manoranjan Hota	Member
3.	Shri Manmohan Singh Negi	Member
4.	Shri Sham Wagh	Member
5.	Prof. Ashok Kumar Pachauri	Member
6.	Shri S. Jeyakrishnan	Member
7.	Dr. M.V. Ramana Murthy	Member
8.	Dr. J. Chandra Babu	Member
9.	Shri. R.P.S Verma	Member
10.	Dr. Niraj Sharma	Member
11.	Shri Nirmalendu Kumar	Member
12.	Dr. H. Kharkwal	Member Secretary
<b>MoEF&amp;CC</b>		
13.	Dr. Abhilasha S. Mathuriya	Scientist 'D'
14.	Dr. Nobi E. P	Scientist 'B'

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