

**GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
IA-III SECTION (CRZ)**

**MINUTES OF THE 287th MEETING OF THE EXPERT APPRAISAL COMMITTEE FOR
PROJECTS RELATED TO COASTAL REGULATION ZONE HELD ON
19th JANUARY, 2022.**

The 287th meeting of the Expert Appraisal Committee for projects related to Coastal Regulation Zone was held on 19/01/2022 through Video Conferencing due to prevalent pandemic situation. The list of members present in the EAC are at **Annexure-I**.

The deliberations held and the decisions taken are as under:

2.0 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

The Committee having noted that the Minutes of the 285nd meeting held on 28th December, 2021 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, except for the corrections as under: -

2.1 Setting up of 70 MLD Seawater Desalination Plant of M/s Bhavnagar Desalination Private Ltd. (BDPL) for Gujarat Water Infrastructure Limited (GWIL) at Village Nava Ratanpar, District Bhavnagar, Gujarat-CRZ clearance-regarding [IA/GJ/CRZ/229032/2021, F.NO.11/28/2021-IA.III].

The project proponent has requested for correction in the minutes of the meeting as under:

1. Point (iv) in page 3 of 10, 'CRZ IV B' shall be corrected as '**CRZ IV A**'.
2. Point (ix) in page 3 of 10, it is stated that seawater intake is 189 KLD, through 70 KLD water generate and 119 KLD brine. It should be corrected as, seawater intake is **189 MLD**, through which **70 MLD** water will be generated and **119 MLD** brine.

The Committee noted that the corrections sought are factual and is as per the EIA report submitted and presented before the Committee and as considered for recommendations. The Committee accordingly recommended for making necessary corrections in the minutes of the meeting.

3.0 CONSIDERATION OF PROPOSALS FOR CRZ CLEARANCE

CONSIDERATION PROPOSALS:

Item No. 3.1

Proposed pipelines passing through Odisha State (213 km) by M/s Numaligarh Refinery Limited, Paradip, Odisha-CRZ Clearance regarding. [IA/OR/CRZ/244166/2021] [F.NO.11/1/2022-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.”

The project proponent made a detailed presentation of salient features of the project and informed that:

- (i) The proposal is for CRZ clearance to the project for pipelines passing through Odisha State (213 km) of M/s Numaligarh Refinery Limited, Paradip, Odisha.
- (ii) The Crude Oil pipeline from Crude Oil Terminal, Paradip, Odisha to Numaligarh Refinery at Numaligarh, Assam of M/s Numaligarh Refinery Limited. The proposed crude oil pipeline will start from Crude Oil Terminal situated at Paradip, Jagatsinghpur district, Odisha and pass through West Bengal, Jharkhand, Bihar and Assam States. The crude will be received at Numaligarh Refinery at Numaligarh, Golaghat district, Assam. The proposed crude oil pipeline will mainly pass-through agricultural lands and Right of User (ROU) of 18 m. The proposed crude oil pipeline will be 26" dia and transport 6,66,667 MT/Month (max) Crude oil. The length of the pipeline will be 1635 km. In Odisha section, 213 km pipeline will pass through 4 districts i.e Jagatsinghpur district (19 km), Kendrapara district (55 km), Bhadrak district (52 km) and Baleshwar district (87 km). The total length of 6 km pipeline falling in CRZ area, the details are as under:

Description	CRZ- Classification	Length in meter
Paradip- Numaligarh Crude Oil Pipeline	CRZ – IA	130.06
	CRZ IA (50 m Mangrove Buffer Zone)	230.58
	CRZ IB	93.24
	CRZ II	1213.74
	CRZ III (NDZ)	1410.20
	CRZ IVB	2845.07
	Total CRZ	5,922.89 meter or around 6 km
Total Non-CRZ (in Odisha)		207,077.11 meter or 207 km

- (iii) The Total power requirement for Odisha Section of pipeline is 944 KVA for 13 nos. SV stations and 1 no. IP station. For Emergency power DG sets of 30/40/45 KVA will be installed in each SV station and IP station.
- (iv) Total water requirement (3.8 KLD for Odisha section) is for domestic purpose only to be sources locally.
- (v) Only for Emergency power, DG sets will be installed in each SV station and IP station. Capacity of DG will be 30/40/45 KVA. 40 kg/year of used oil generated from DG sets will be sold to registered recycler/re-refiners.
- (vi) The total water requirement for Odisha section is 3.8 KLD and source of water will be from local sources.
- (vii) The sewage wastewater generation will be 240 lit/day from each SV and IP Station.

- (viii) Approx. 7 Tons of Crude Waste (Pigging Waste) in 10 years during Pigging activities will be generated from the pipeline system which will be disposed off to authorized TSDF facility.
- (ix) The estimated project cost is ₹10,203 crores (total project cost) and ₹1139 crores (Odisha section).
- (x) During operation phase 125 persons will be permanently employed and 780 persons considered as temporary employment.
- (xi) Part of the Odisha section of PNCPL pipeline route is approx. 2.5 km from ESZ boundary of the Bhitarkanika National Park.
- (xii) The Odisha Coastal Zone Management Authority (OCZMA) has recommended the project *vide* letter no. OCZMA/37/2021/206/OCZMA, dated 25/11/2021.

2. Deliberations in the EAC:

The Committee made a detailed deliberation on the proposal. The Committee noted that the proposed Crude Oil pipeline is from Crude Oil Terminal at Paradip, Odisha to Numaligarh Refinery at Numaligarh, Assam. The proposed pipeline will traverse through Odisha, West Bengal, Jharkhand, Bihar and Assam States. The pipeline will be 26" dia and transport 6,66,667 MT/Month (max) Crude oil. The length of the pipeline is 1635 km. In Odisha section, 213 km pipeline will pass through 4 districts out of which around 6 km passes through the CRZ area and for which CRZ clearance is required.

The Committee noted that laying of pipeline is a permissible activity in the CRZ area and the recommendations of the Odisha CZMA has been obtained as per the CRZ Notification, 2019. The Committee also noted that the pipeline will be laid completely underground. The Committee after detailed deliberations and considering the submissions made by the project proponent, recommended the proposal for CRZ Clearance, subject to following conditions:

- (i). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2019 and as amended from time to time.
- (ii). The pipeline shall be laid exclusively by Horizontal Directional Drilling (HDD) method at crossing of water body / river / creek, mangrove and CRZ areas.
- (iii). This clearance is subject to obtaining clearance from the Standing Committee of Wildlife, as applicable.
- (iv). The project proponent shall ensure natural flow of the Creek water in the project site.
- (v). No groundwater shall be extracted within CRZ area to meet the water requirements during the construction and / or operation phase of the project.
- (vi). Excavated material during the construction shall not be dumped in water bodies or adjacent areas.
- (vii). The site shall be restored to its near original condition after completion of construction of work.
- (viii). Permanent labour camp, machinery and material storage shall not be set up in CRZ area.
- (ix). Any temporary physical infrastructure setup during construction period shall be removed simultaneously with completion of laying of each segment of the project.

- (x). All the conditions stipulated by the Odisha Coastal Zone Management Authority vide CRZ recommendation letter dated 25/11/2021 and commitments made by the PP before the CZMA shall be followed in letter and spirit.
- (xi). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

Item No. 3.2

Development of 6-lane Alappuzha bypass and Kollam bypass on NH-47 as a part of widening and improvement of 2- lane to 6- lane of NH-47 (New NH-66) from Cherthalai to Thiruvananthapuram in the State of Kerala-Extension of validity of CRZ clearance-regarding.

(IA/KL/CRZ/238672/2021, F.No.10-35/2010-IA.III)

The project proponent made a detailed presentation of the project and informed the following.

- (i). The proposal is for extension of validity of the CRZ clearance issued by the Ministry vide letter dated 30th December, 2013 to the project for Development of 2 lane Alappuzha bypass of length 6.8 km and 2 lane Kollam bypass of length 13 km on NH-47 as standalone project in the State of Kerala by Ministry of Road Transport and Highways. The proposal is being operated by M/s National Highway Authority of India (NHAI).
- (ii). The CRZ clearance dated 30th December, 2013 has been amended vide letter dated 4th November, 2020 with changes in project as 'Development of 6 lane Alappuzha bypass and 6 lane Kollam bypass on NH-47 as part of widening and improvement of 2 lane to 6 lane of NH-47 (new NH-66) from Cherthalai to Thiruvananthapuram, Kerala by M/s National Highway Authority of India (NHAI). The validity of the CRZ clearance dated 30th December, 2013 has also been extended till 30th December, 2021.
- (iii). The construction of 2-lane Alappuzha bypass and Kollam bypass has been completed during 2019 and development of 2 lane to 6 lane is in progress. The delay in development of 6 lane within CRZ clearance validity is due to Covid restrictions and assembly elections protocol in Kerala State. However, the pre-construction activities like land acquisition, utility sifting, NOC of railways etc. have already been obtained. Further, the project has been awarded within validity period and only appointment date is to be declared for further construction and hence extension in CRZ Clearance is required.
- (iv). The Kerala CZMA vide letter dated 30/10/2021 has recommended the proposal for validity extension of CRZ Clearance for further period of 2 years with effect from 30th December, 2021 for the development of 6 lane Alappuzha bypass and 6 lane Kollam bypass on NH-47.

2. Deliberations in the EAC:

The Committee made a detailed deliberation on the proposal. It was informed to the Committee that, as per the CRZ Notification, 2011:

"The clearance accorded to the projects under this notification shall be valid for a period of seven years from the date of issue of such clearance; Provided that the construction activities shall commence within a period of five years from the date of the

issue of clearance and the construction be completed and the operations be commenced within seven years from the date of issue of such clearance; Provided further that the period of validity may be extended for a maximum period of three years in case an application is made to the concerned authority by the applicant within the validity period, along with recommendation for extension of validity of the clearance by the concerned State / Union Territory Coastal Zone Management Authority”.

The Committee noted that the project proponent has commenced the development of NH bypass and completed the 2 lane construction as per the CRZ clearance granted and from 2 lane to 6 line the work is in progress. The project proponent informed that the work will be completed within two years.

The Committee having taken note of the recommendation of KCZMA, progress of the work and commitment of the PP regarding completion of the project within two years, recommended for extension of the validity of the CRZ clearance dated 30th December, 2013 till 30th December, 2023 as per the provisions of the CRZ Notification, 2011. All the terms and conditions stipulated in the CRZ clearance and its amendment shall remain unchanged.

4.0 Any other item with the permission of the Chair.

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

List of the Expert Appraisal Committee (CRZ) Members participated during Video Conferencing (VC) Meeting held on 19th January, 2022

S. No.	Name of Members	Designation
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.	Prof. V.K Jain	Member
8.	Dr. M.V. Ramana Murthy	Member
9.	Shri. R.P.S Verma	Member
10.	Dr. Niraj Sharma	Member
11.	Dr. H. Kharkwal	Member Secretary
MoEF&CC		
11.	Dr. Abhilasha S. Mathuriya	Scientist 'D'
12.	Dr. Nobil E. P	Scientist 'B'
