

F.NO.11/1/2022-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
IA-III Division (CRZ)

Indira Paryavaran Bhawan
Jor Bagh Road,
New Delhi -110003

Dated: 25th February, 2022

To

**The Chief Manager,
M/s Numaligarh Refinery Limited (NRL),
Pankagrath Numaligarh Refinery Complex
Golaghat District, Assam -785699**

**Subject: CRZ clearance for laying of pipelines passing through Odisha State (213 km)
by M/s Numaligarh Refinery Limited, Paradip, Odisha-CRZ Clearance reg.**

Sir,

This has reference to your online proposal No. IA/OR/CRZ/244166/2021 received in this Ministry on the above mentioned project proposal for CRZ Clearance, in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2019 issued under the Environment (Protection) Act, 1986.

2. The proposal was considered by the Expert Appraisal Committee (EAC), Coastal Regulation Zone, in its 287th meetings held on 19/01/2022. The details of the project as per the documents submitted and presented during the aforesaid meeting are as under:

- (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 sewage wastewater generation will be 240 lit/day from each SV and IP Station.
- (vii) Approximately 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.
- (viii) The estimated total project cost is ₹10,203 crores and ₹1139 crores for Odisha section.
- (ix) During operation phase 125 persons will be permanently employed and 780 persons considered as temporary employment.
- (x) Part of the Odisha section of PNCPL pipeline route is approx. 2.5 km from ESZ boundary of the Bhitarkanika National Park.
- (xi) The Odisha Coastal Zone Management Authority (OCZMA) has recommended the project *vide* letter no. OCZMA/37/2021/206/OCZMA, dated 25/11/2021.

3. Based on the recommendation of the Odisha Coastal Zone Management Authority (OCZMA) issued *vide* its letter No. OCZMA/37/2021/206/OCZMA, dated 25/11/2021 and information submitted as at para no. 2 above and information provided during the presentation before the Expert Appraisal Committee and others, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendation of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the above project *viz.* **'Laying of pipelines passing through Odisha State (213 km) by M/s Numaligarh Refinery Limited, Paradip, Odisha'**, under the provision of CRZ Notification, 2019 and amendments thereto and circulars issued thereon, and subject to compliance of the following specific and general conditions as under:

PART A – SPECIFIC 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.

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- (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 No. OCZMA/37/2021/206/OCZMA, 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.

PART B - GENERAL CONDITIONS:

- (i). Management of solid waste in accordance with the Solid Waste Management Rules, 2016 shall be strictly implemented.
- (ii). 'Consent to Establish' and / or 'Consent to Operate' shall be obtained from State Pollution Control Board under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and / or the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
- (iii). No permanent labour camp, machinery and material storage shall be allowed in CRZ area.
- (iv). Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (v). All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by Central / State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea/coastal water bodies. It shall be ensured that the wastewater generated is treated in the STP as committed by the project proponent. The treated waste water shall be reused for landscaping, flushing and / or HVAC cooling purposes etc. within the development. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.
- (vi). Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- (vii). A copy of the clearance letter shall be uploaded on the website of the concerned State Coastal Zone Management Authority / State Pollution Control Board. The Clearance



- letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office / Tehsildar's office for 30 days.
- (viii) A six-monthly monitoring report shall need to be submitted by the project proponent to the concerned Regional Office of this Ministry regarding the implementation of the stipulated conditions.
 - (ix) The Ministry of Environment, Forest & Climate Change or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.
 - (x) Concealing factual data or submission of false / fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - (xi) The above stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991, the EIA Notification, 2006 and the extant CRZ regulations.
 - (xii) Full co-operation shall be extended to the officials from the Regional Office of MoEF&CC, during monitoring of implementation of environmental safeguards stipulated. It shall be ensured that documents / data sought pertinent is made available to the monitoring team. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the concerned Regional Office of MoEF&CC.
 - (xiii) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
 - (xiv) The Ministry reserves the right to add additional safeguard measures subsequently, if considered necessary, and to take action to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner, including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, for non-compliance.
 - (xv) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponent from the respective competent authorities.
 - (xvi) The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board (SPCB) and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <http://www.envfor.nic.in>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the concerned Regional Office of this Ministry.

4. This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

5. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

6. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.



7. The proponent shall upload the status of compliance of the stipulated conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.

8. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of clearance conditions and shall also be sent to the respective Regional Office of the Ministry by e-mail.

9. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

10. This issues with approval of the Competent Authority.



(Dr. H. Kharkwal)
Scientist 'E' (CRZ)

Copy to:

1. The Principal Secretary, Department of Forest & Environment, Plot No.108, Unit VII, Surya Nagar, Bhubaneswar - 751003, Odisha
2. The Chairman, Odisha Coastal Zone Management Authority, Forests & Environment Department, Odisha Secretariat, Sachivalaya Marg, Bhubaneswar - 751001, Odisha.
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhavan, CBD cum Office Complex, East Arjun Nagar, Delhi - 110032
4. The Member Secretary, Odisha Pollution Control Board, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit - VIII, Bhubaneswar - 751012, Odisha.
5. The Member Secretary, Odisha Coastal Zone Management Authority (OCZMA), Forests & Environment Department, Odisha Secretariat, Sachivalaya Marg, Bhubaneswar - 751001, Odisha.
6. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (EZ), A/3, Chandersekharpur, Bhubaneswar-751023
7. Guard File / Record File / Monitoring Cell.



(Dr. H. Kharkwal)
Scientist 'E' (CRZ)