



File No: 11/21/2024-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
IA-III Section (CRZ)
Centralized Processing Centre - Green



Dated **08/07/2024**



To,

M/s KTV Oil Mills Private Limited

**48/310 Thambu Chetty Street,
Chennai-600001
Tamil Nadu**

E-mail: ktvind@ktvgroup.in

Subject:

Proposal for CRZ Clearance – Establishment of Edible oil Storage terminal at O Yard in area I (North) of Chennai Port Trust are by M/s KTV Oil Mills Private Ltd., Chennai, Tamil Nadu - regarding.

Sir/Madam,

This has reference to your proposal No. IA/TN/CRZ/453804/2023 dated 07/12/2023 on the above mentioned project proposal for CRZ Clearance in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 issued under the Environment (Protection) Act, 1986.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for ‘Establishment of edible oil Storage terminal at O Yard in area I (North) of Chennai Port Trust are by M/s KTV oil Mills Private Ltd, Chennai, Tamil Nadu’.

3. The proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous projects, in its 365th meeting held on 16/05/2024. The Project Proponent (M/s KTV oil Mills Private Ltd) along with his EIA consultant (M/s Hubert Enviro Care Systems (P) Ltd) have made a presentation on above said proposal and informed the following salient features of the proposal, including the details provided in the application of the project, to EAC:

1.	Brief Description of the project	The instant proposal seeks CRZ Clearance as per CRZ Notification, 2011 for Establishment of edible oil storage terminal at O Yard in area I (North) of Chennai Port Trust area, Survey No.3311/3, 3311/4, Tondiarpet Village, Tondiarpet Taluk, Chennai. The total area of the proposed project site is 9020Sq.m. The proposed project consists of 2 Pipeline, 12 edible oil storage tanks, 1 Fire water storage tank and other administration building.																																																	
2.	Salient Features/ Component of the project activity: The project activity includes the followings: <table><tr><th>S. No</th><th>Structure</th><th>Size</th></tr><tr><td>1.</td><td>Fixed MS Cone Roof Tank - Edible Oil (12 Nos)</td><td>16 meter Dia x 21 meter Height</td></tr><tr><td>2.</td><td>Fixed MS Cone Roof Tank -Fire Water Tank (1 No)</td><td>6.5 meter Dia x 10 meter Height</td></tr><tr><td>3.</td><td>DG & Hot Water Generator Room</td><td>10.7 meter width x 25 meter length</td></tr><tr><td>4.</td><td>Pump House</td><td>54 meter length x 2 meter width</td></tr><tr><td>5.</td><td>Loading Gantry</td><td>54 meter length x 12 meter width</td></tr><tr><td>6.</td><td>Weigh bridge</td><td>22 meter length x 4 meter width</td></tr><tr><td>7.</td><td>Portable container (administrative office).</td><td>80 feet</td></tr><tr><td>8.</td><td>Proposed Pipeline (2 Nos)</td><td>10 inches, 9.5 mm thickness</td></tr></table> <table><tr><th>S. No</th><th>Storage tank Diameter and Height in meter</th><th>Capacity in KL</th><th>No. of storage tank</th><th>Total Volume in KL</th><th>Usage</th></tr><tr><td>1</td><td>16 x 21</td><td>4220</td><td>12</td><td>50640</td><td>Edible Oil Storage</td></tr><tr><td>2</td><td>6.5 x 10</td><td>330</td><td>1</td><td>330</td><td>Fire Fighting water storage</td></tr></table>						S. No	Structure	Size	1.	Fixed MS Cone Roof Tank - Edible Oil (12 Nos)	16 meter Dia x 21 meter Height	2.	Fixed MS Cone Roof Tank -Fire Water Tank (1 No)	6.5 meter Dia x 10 meter Height	3.	DG & Hot Water Generator Room	10.7 meter width x 25 meter length	4.	Pump House	54 meter length x 2 meter width	5.	Loading Gantry	54 meter length x 12 meter width	6.	Weigh bridge	22 meter length x 4 meter width	7.	Portable container (administrative office).	80 feet	8.	Proposed Pipeline (2 Nos)	10 inches, 9.5 mm thickness	S. No	Storage tank Diameter and Height in meter	Capacity in KL	No. of storage tank	Total Volume in KL	Usage	1	16 x 21	4220	12	50640	Edible Oil Storage	2	6.5 x 10	330	1	330	Fire Fighting water storage
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3.	CRZ Report/ Maps Prepared by	Institute of Remote Sensing, Anna University																																																	

4.

CRZ categorization as per CRZ Report:

S. No	Descriptions	CRZ Classification	Area in Sq.m	Total Area in Sq.m
1.	Proposed Project Site	CRZ II	9020	9020
S. No	Descriptions	CRZ Classification	Length in meters	Total Length in meters
1.	Pipeline from BD-II wharf to proposed site	CRZ II	615.13	875
		CRZ- IV A	259.87	
2.	Pipeline from BD-III wharf to proposed site	CRZ II	395.25	675
		CRZ- IV A	279.75	

5.	Applicability of EIA Notification 2006	No
6.	NOC from SPCB	No
7.	Certified Compliance Report from IRO (Expansion/ amendment case)	Not applicable
8.	Permissibility of project as per CRZ Notification 2011 (as recommended by SCZMA along with clause)	<p>As per para 8(ii) CRZ II, (vi) storage of non-hazardous cargo, such as edible oil, fertilizers and food grain in notified ports as per CRZ Notification 2011.</p> <p>As per para4(ii)(d) laying of pipelines, conveying systems, transmission line are permissible activity as per CRZ Notification 2011 and should obtain clearance from MoEFCC.</p>
9.	EIA Consultant details	<p>M/s HUBERT ENVIRO CARE SYSTEMS (P) LTD, CHENNAI</p> <p>(NABET/EIA/2224/SA 0190 valid till 27/07/2024)</p>
10.	Baseline period of EIA	Mid of May to Mid of August 2023
11.	Applicability of Terrestrial and Marine EIA	Terrestrial EIA is applicable but marine EIA is not applicable

12.	Anticipated Impacts (mention page no of EIA)	Presented in EIA report-Page no.: 161,162									
13.	Mitigation measures proposed (mention page no of EIA)	Presented in EIA report Page no.: 162,163									
14.	Disaster Management Plan (mention page no of EIA)	<p>Disaster Management Plan(DMP)</p> <p>A disaster in the pipeline construction site has potential to cause serious injuries or loss of live or extensive damage to the property and / or environment and serious disruption both inside and / or outside the works. In such cases sometimes outside agencies are required to call for help in handling the situation. The causative factors like equipment failure, human error, earthquake, sabotage etc. will normally manifest in various forms viz. Fire etc.</p> <p>Presented in EIA report-Page no.: 245</p>									
15.	Risk Assessment (mention page no of EIA)	<p>During the construction of storage tanks and pipelines the following hazards can be continuously present through the work time of labours, which can be fatal. The various reason triggering to the hazards are working at height, working on an unsupported beam, underground trench work without appropriate safety measures, the workers may be hit by the moving machineries, exposure to dust, chemicals etc.</p> <p>Presented in EIA report -Page no.: 239.</p>									
16.	Total Project cost	4.9 Crores									
17.	Is project located in erosion prone area (yes/ no)	No									
18.	If yes, specific the management plan proposed	Not applicable									
19.	EMP Cost proposed(Capital and recurring)										
	<table border="1"> <thead> <tr> <th>S. No</th><th>Component</th><th>Capital cost (in lakh)</th></tr> </thead> <tbody> <tr> <td>1</td><td>Storm water drains & Rain Water Harvesting</td><td>3.0</td></tr> <tr> <td>2</td><td>Municipal Solid Waste Management</td><td>2.0</td></tr> </tbody> </table>	S. No	Component	Capital cost (in lakh)	1	Storm water drains & Rain Water Harvesting	3.0	2	Municipal Solid Waste Management	2.0	
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1	Storm water drains & Rain Water Harvesting	3.0									
2	Municipal Solid Waste Management	2.0									

	3	Environment Monitoring	3.0
	Total		8.0
20.	Forest clearance requirement		No
21.	Wildlife clearance requirement		No
22.	Proposed green cover		No, as it falls within the port area
23.	Proposed budget for green cover development		2.45 lakhs (Preserving ecology and environment)
24.	Rain water harvesting		It will be done after obtain clearance
25.	Proposed budget for Rain water harvesting		3.0 lakhs
26.	Details of tree cutting		No trees were cut.
27.	Details of compensatory afforestation proposed		Not applicable
28.	Proposed energy conserving measures		Not applicable
29.	Power requirement and source		DG set of 160 kV (standby), Hot Water Generator of 400000 calories will be used. Total power requirement for this project is 40 kVA. The source of Power will be met by Chennai port trust. HSD/ furnace oil of 0.5 KLD will be used as fuel for DG set and the source will be met through local vendors.
30.	Water requirement and source		During construction phase, approx 5 KLD will be required for both domestic and construction Purpose. During Operational phase, approx. 1 KLD will be required. The source of water will be met by Chennai Port Trust.
31.	Waste water treatment and re-use		Not applicable
32.	Solid waste generation		

	<table><tr><th>Sl. No</th><th>Waste type</th><th>Construction phase</th><th>Operational phase</th></tr><tr><td>1</td><td>Organic waste</td><td>13.5</td><td>2.16</td></tr><tr><td>2</td><td>Inorganic waste</td><td>9</td><td>1.44</td></tr><tr><td colspan="2">Total</td><td>22.5</td><td>3.6</td></tr></table>	Sl. No	Waste type	Construction phase	Operational phase	1	Organic waste	13.5	2.16	2	Inorganic waste	9	1.44	Total		22.5	3.6
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33.	Solid Waste Management	Inorganic waste will be stored in adequate bins and disposed through authorized vendors. Organic waste will be disposed through Panchayat bins															
34.	Hazardous Waste Management	Spent oil will be sent through authorized vendors															
35.	Resettlement and Rehabilitation	Not applicable															
36.	Employment Generation																
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1	Construction	Temporary	50														
2	Operational	Permanent	8														
		Temporary	0														
37.	Details of litigation if any	Not applicable															
38.	Details of ground water extraction	Not applicable															
39.	Benefits	<ul style="list-style-type: none">· Government will earn huge revenue by way of various taxes and levies and transportation through sea route.· The proposed project will benefit local as well as Indian Economy.· There will be a beneficial effect of flourishing Transporting activities that will directly and indirectly boost the living standards of the people, save foreign exchange and with increase in industrial activities, create more jobs in the local economy.															
40.	SCZMA Recommendation	TNSCZMA has recommended the proposal for CRZ Clearance <i>vide</i> its Letter No. 860/EC.3/2024-1 dated 22/03/2024															

4. The Committee deliberated the proposal based on the information provided/presented by the proponent. During the deliberation, the Committee has asked about the compliance status of Hon'ble Supreme Court order dated 01/02/2023 in Civil appeal No. 3626 of 2020 and 3639 of 2020 against the laying of pipeline for transfer of edible oil from the Chennai Port to the storage terminal tank and for the establishment of the storage transit terminal by the proponent at S. No. 4061/A & 4061/2, Tondiarpet village, and Taluk, in Chennai, Tamil Nadu.

5. In response, proponent has informed that CRZ clearance dated 08/03/2019 was obtained for laying of pipeline for transfer of edible oil from the Chennai Port to the storage terminal tank and for the establishment of the storage transit terminal. However, in compliance of Hon'ble Supreme Court order dated 01/02/2023, the storage transit terminal established at S.No. 4061/A & 4061/2, Tondiarpet Village, and Taluk, in Chennai, Tamil Nadu is under dismantling and there is no connection between the activity proposed in the instant proposal and the project activity at Sl. No. 4061/A & 4061/2, Tondiarpet village, and Taluk, in Chennai, Tamil Nadu. It is also submitted by the proponent that the proposed project activity is about 3km away from the project at S.No. 4061/A & 4061/2, Tondiarpet Village, and Taluk, in Chennai, Tamil Nadu and the instant proposal is for a new facilities and entire project activity falls within the notified Chennai Port area.

6. After detailed deliberation, the Committee has noted that project activity is permissible as per CRZ Notification, 2011 and TNSCZMA has also recommended the proposal. The Committee has also directed the proponent to submit the undertaking for the existence of instant project activity in notified Chennai Port area, for dismantling the remaining storage tank at S.No. 4061/A & 4061/2, Tondiarpet Village and Taluk, in Chennai, Tamil Nadu within the stipulated time as stated by the Hon'ble Supreme Court and for the no connectivity between the activity proposed in the instant proposal and the project activity at S.No. 4061/A & 4061/2, Tondiarpet Village and Taluk, in Chennai. In response, proponent has submitted / circulated all documents including undertaking *vide* letter dated 16/05/2024 along with necessary supportive documents and the same has been considered by the Committee while approving the minutes.

7. The Committee, after detailed deliberations and considering the submissions made by the project proponent, has recommended the proposal for CRZ Clearance as per CRZ Notification, 2011, subject to certain Specific conditions, as stipulated during its 365th meeting held on 16/05/2024 other than General conditions.

8. Based on the recommendation of the Tamil Nadu Coastal Zone Management Authority and considering the submissions made by the project proponent, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendations of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the project for **“Establishment of edible oil Storage terminal at O Yard in area I (North) of Chennai Port Trust are by M/s KTV oil Mills Private Ltd, Chennai, Tamil Nadu”** under the provisions of the CRZ Notification, 2011 and amendments thereto, subject to the compliance of terms and conditions as under:-

Specific Conditions

S. No	Specific Conditions
1	All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011, as amended from time to time.
2	Report of dismantling the storage tanks at S.No. 4061/A & 4061/2, Tondiarpet Village and Taluk, in Chennai, Tamil Nadu being done as per Hon'ble Supreme Court order shall be complied and submitted to the IRO prior to commissioning of the project.
3	Necessary safety measures and mitigation measure shall be prepared to manage the oil spill events if any happen in future.
4	Construction of storage tanks and pipelines should satisfy the standard norms by the concern competent authority.
5	As committed no connectivity shall be established with pipeline laid as per CRZ Clearance dated 08/03/2019.
6	Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
7	Any temporary physical infrastructure setup and excavated material during the construction of project shall not be dumped in water bodies or adjacent areas.
8	Construction material and structures/scaffoldings erected for construction at site shall be cleared immediately after finishing construction and it shall be ensured that no construction waste, garbage and machinery or equipment are left post construction.
9	No groundwater shall be extracted to meet with the water requirements during the construction and/or operation phases.
10	Topsoil excavated during construction activities shall be stored for use in horticulture/landscape development etc. within the project site.
11	The Project Proponent shall comply order / direction, if any, issued by Hon'ble Court/tribunal on the project.
12	All the condition stipulated by Tamil Nadu Coastal Zone Management Authority (TNCZMA) vide letter No. 860/EC.3/2024-1, dated 22/03/2024 and commitments made by the PP before the TNCZMA and EAC shall be followed in letter and spirit.
13	All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

General Conditions

S. No	General Conditions
1	Management of solid waste in accordance with the Solid Waste Management Rules, 2016

S. No	General Conditions
	shall be strictly implemented.
2	'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.
3	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.
4	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.
5	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.
6	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.
7	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.
8	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.
9	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.
10	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
11	All other statutory clearances such as the approvals for storage of diesel from Chief

S. No	General Conditions
	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.
12	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.
13	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.
14	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 https://parivesh.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.
15	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.
16	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 project proponent 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. 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.

10. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the CRZ clearance, if implementation of any of the above conditions is not found satisfactory.

11. 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 the Environment (Protection) Act, 1986.

12. Any appeal against this CRZ 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.

13. 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.

14. This issues with approval of the Competent Authority.

(Dr. H. Kharkwal)

Scientist 'E' (CRZ)

Copy To

1. The Director, Department of Environment, Government of Tamil Nadu, No.1, Jeenis Road, Panagal Building, Ground Floor, Saidapet, Chennai-600015, Tamil Nadu.
2. The Deputy Director General, Ministry of Environment Forest and Climate Change, Integrated Regional Office, Ist and IInd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai – 600034, Tamil Nadu.
3. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Anna Salai, Guindy Industrial Estate, Race View Colony, Guindy, Chennai - 600032, Tamil Nadu.
4. The Member Secretary, Tamil Nadu Coastal Zone Management Authority, Department of Environment, No.1, Jeenis Road, Panagal Building, Ground Floor, Saidapet, Chennai-600015, Tamil Nadu.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board/MoEF&CC website.

(Dr. H. Kharkwal)

Scientist 'E' (CRZ)