



Government of India
Ministry of Environment, Forest and Climate Change
Compliance Report
2024
01 Jun(01 Oct - 31 Mar)



सत्यमेव जयते

Proposal Details

Proposal Name	Pipeline and Diffuser System for Disposal of Treated waste water at Marine outfall point at District Devbhumi, Dwarka, Gujarat		
Name of Entity / Corporate Office	M/s. Tata Chemicals Limited		
Village(s)	N/A		
District	DEVBHUMI DWARKA		
Proposal No.	IA/GJ/MIS/59359/2016	Category	Only CRZ
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	GUJARAT	Entity's PAN	NA
MoEF File No.	F. No: 11-34/2016-IA-III	Entity name as per PAN	NA

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	M/s. Tata Chemicals Limited	
	Project Area as per EC Granted	Annual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0	0

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	CRZ Clearance	Others:NA	N/A	NA	NA	

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	The construction in CRZ areas shall strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.
PPs Submission: Complied The construction in CRZ areas will be strictly in accordance with the provisions of CRZ Notification, 2019 and as amended from time to time.		Date: 30/04/2024
2	Statutory compliance	All conditions/recommendations stipulated by the Gujarat Coastal Zone Management Authority (GCZMA) vide its letter no ENV-10-2016-74-E (T Cell), dated 28.06.2016 shall strictly be complied with.
PPs Submission: Complied The company is complying with all conditions/recommendations stipulated by the Gujarat Coastal Zone Management Authority (GCZMA); and the compliance of the same has been attached as Annexure - 1.		Date: 30/04/2024
3	Statutory compliance	The clearance is subject to obtaining prior approval of the standing Committee of the National Board of Wildlife, under Wildlife (protection) Act, 1972, before commencement of work.
PPs Submission: Complied National Board of Wildlife Clearance has been obtained vide letter No. WLP/32/B/1813-18/2017-18 dated 01.06.2017; Copy of the same is attached as Annexure - 2.		Date: 30/04/2024
4	Statutory compliance	'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (prevention and Control of Pollution) Act, 1981 and the Water (prevention and Control of pollution) Act, 1974.
PPs Submission: Complied Consent to Establish has been obtained vide CTE-Amendment Order No. 70701 dated 01.10.2015. Extension and amendment of CTE- 107843 dated 02.06.2020 and copy of the same is attached as Annexure - 4.		Date: 30/04/2024
5	MISCELLANEOUS	There shall be no dressing or alteration of the sand dunes, natural features including landscape changes for beautification, recreation and other such purpose.
PPs Submission: Complied There are no sand dunes along the proposed pipeline corridor. It is assured that no alteration in natural features including landscape changes for beautification, recreation and other such purpose will be undertaken.		Date: 30/04/2024
6	MISCELLANEOUS	All waste (liquid and solid) arising from the proposed development will be disposed off as per the norms prescribed by State Pollution Control Board. There shall not be any disposal of untreated effluent in to the sea/coastal water bodies.
PPs Submission: Complied All waste (liquid and solid) will be disposed off as per the norms of the Gujarat Pollution Control Board and untreated effluent will not be released in to the sea / coastal water bodies.		Date: 30/04/2024

7	WATER QUALITY MONITORING AND PRESERVATION	Installation of the Sewage Treatment Plant should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled/ reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the State Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.
<p>PPs Submission: Complied</p> <p>Sewage Treatment Plant is already in operation for treatment of all sewage generated from company's existing township. Treated sewage is mainly recycled and reused for flushing purposes within company's township and surplus treated sewage is discharged into Arabian Sea as per prescribed norms. Test sheet of outlet has been attached as Annexure - 10. TCL has appointed an independent expert agency for Operation and Maintenance (O&M). Latest Performance report has been attached as Annexure - 5. To mitigate the odour problems from STP, soak pits and equalization tank are provided before the inlet.</p>		Date: 30/04/2024
8	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall ensure that no ground water drawal is carried out within CRZ areas without prior approval of the Central Ground Water Authority. It shall also be ensured that untreated wastewater is not discharged outside the project premises. Wastewater generated shall be treated in STP and is reused for landscaping, flushing and HVAC cooling purposes. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of the results of standard parameters of the effluent discharged from STP under intimation to the SPCB.
<p>PPs Submission: Complied</p> <p>Tata Chemicals Ltd. assures that ground water will not be withdrawn within CRZ areas. Untreated wastewater will not be discharged outside the project premises. Domestic wastewater generated in the township is being/will be mainly recycled and reused for flushing purposes within company's township and surplus treated sewage is discharged into the Arabian Sea as per prescribed norms. Regular monitoring of treated sewage is being/will be conducted by the environmental laboratory of expert agency appointed for Operation and Maintenance of STP. Monitoring Results of ground water quality (last 6 months) has been enclosed as Annexure - 6.</p>		Date: 30/04/2024
9	WATER QUALITY MONITORING AND PRESERVATION	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
<p>PPs Submission: Complied</p> <p>As the project falls in coastal area, Soil testing is not applicable due to availability of sand; however, company conducts monitoring of solids; results enclosed as Annexure - 9. Ground water monitoring results for heavy metals and other toxic contaminants has been attached as Annexure - 6.</p>		Date: 30/04/2024
10	WASTE MANAGEMENT	Disposal of muck during Construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects people, only approved sites with the approval of competent authority.
<p>PPs Submission: Complied</p> <p>The waste generated during the construction phase will be disposed following the applicable regulations and with the approval of the competent authority.</p>		Date: 30/04/2024
11	WASTE MANAGEMENT	Any hazardous waste generated during construction phase, should be disposed off as per Hazardous and Other wastes (Management and Transboundary Movement) Rules, 2016.

<p>PPs Submission: Complied Hazardous waste generated if any, during the construction phase will be disposed as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.</p>		<p>Date: 30/04/2024</p>
12	WASTE MANAGEMENT	Solid waste management shall be collected, treated disposed in accordance with the Solid Waste Management Rules, 2016.
<p>PPs Submission: Complied Solid waste generated will be collected, treated if required and disposed in accordance with the Solid Waste Management Rules, 2016.</p>		<p>Date: 30/04/2024</p>
13	MISCELLANEOUS	As per of CSR activity, the project proponent shall identify schemes on need-based assessment and implemented in select villages in the project area in consultation with the village Panchayat and the District Administration, Separate budget for community development activities and income generating programmes shall be earmarked.
<p>PPs Submission: Complied As a responsible corporate, CSR is an ongoing activity of TCL. CSR activities are being conducted by NGO, Tata Chemicals Society for Rural Development (TCSRDR) setup by TCL.TCSRDR conducts regular need-based assessment in surrounding villages and implement CSR activities as per requirements. Government & other stakeholders are consulted regularly for implementation of the CSR projects which include income generation schemes particularly targeted towards weaker section of the society and details of CSR activities is attached.</p>		<p>Date: 30/04/2024</p>
14	WATER QUALITY MONITORING AND PRESERVATION	Treated waste water conforming to GPCB norms shall only be discharged; it shall be ensure that regular monitoring results of the treated waste water discharge conducted by an independent agency shall be submitted to the GPCB and the regional office of Ministry.
<p>PPs Submission: Complied Monitoring results of treated wastewater discharge is conducted by an independent agency are attached as Annexure - 8. Treated wastewater monitoring is being conducted. Results are also being submitted to GPCB & RO Ministry along with half yearly compliance report.</p>		<p>Date: 30/04/2024</p>
15	Statutory compliance	As committed by the project proponent, a comprehensive survey of the wildlife and vegetation shall be carried out at every 5 year in buffer areas and shall be submitted to concerned authority.
<p>PPs Submission: Complied Comprehensive survey of wildlife and vegetation will be conducted every 5 years in buffer areas and reports will be submitted to the Regional Office of the Ministry and the Forest Department, Government of Gujarat. TCL has appointed CSIR-CSMCRRI, Bhavnagar for study of prevailing marine environment. A team of scientists completed field study in September,2023. The report of the study is under preparation by the institute.</p>		<p>Date: 30/04/2024</p>
16	MISCELLANEOUS	Mudflat restoration plan with specific focus on waders and other water birds of the affected region be developed and implemented through concerned authority.
<p>PPs Submission: Complied The Treated Wastewater Pipelines system is being laid on trestles to minimize impact on sea bed. After completion of the treated wastewater pipeline project, the corridor will be cleared of debris and left-over construction materials and restored to its original gradient. After commissioning of the project, Mudflat restoration plan with specific focus on waders and other water birds of the affected region shall be developed and implemented through concerned authority.</p>		<p>Date: 30/04/2024</p>
17	Statutory compliance	Baseline for Marine and coastal biodiversity of Poshitra Bay should be developed and monitored bi-annually with specific focus on sea grass beds, and endemic species Sakuracolis gujaratica and

		Anteaeolidiella poshitra. The data shall be submitted to the regional office of the Ministry and the concerned agency in the State.
	<p>PPs Submission: Complied</p> <p>Baseline survey has been conducted by NIO and TCL submitted study report to the Ministry along with application for CRZ clearance. After commissioning the treated wastewater disposal pipeline scheme, marine and coastal biodiversity of Poshitra Bay will be studied with specific focus on sea grass beds, and endemic species Sakuraeolis gujaratica and Anteaeolidiella poshitra. TCL has appointed CSIR-CSMCRI, Bhavnagar for study of prevailing marine environment. A team of scientists completed field study in September,2023. The report of the study is under preparation by the institute.</p>	Date: 30/04/2024
18	Statutory compliance	The clearance is also subject to obtaining prior approval for diversion of forest land (mangrove) as may be applicable, under Forests (Conservation) Act, 1980, before commencement of work.
	<p>PPs Submission: Complied</p> <p>Final Approval for diversion of forest land has been obtained vide letter No. 6 - GJC 071/2018-BHO/1/5866/2021 dated 23.09.2021; Copy of the same is attached as Annexure - 3.</p>	Date: 30/04/2024
19	Statutory compliance	A 2% of the cost of the project shall be apportioned for marine and coastal biodiversity protection and conservation measures, to be spent by the project proponent towards fulfilling its Corporate Environmental Responsibility (CER) during the currency of the project. Proper record and account of measures taken should be maintained and should also be submitted to the CZMA every six months.
	<p>PPs Submission: Complied</p> <p>Tata Chemicals Ltd. has deposited Rs. 11.45 Crore (5% of the project cost) to Account of Gujarat Marine National Park & Marine Sanctuary Conservation Society for habitat improvement and Wildlife conservation as per the condition no. 4 of Wildlife Clearance (Gujarat Govt. letter No. WLP/32/B/1813-18/2017-18 dated 01.06.2017).</p>	Date: 30/04/2024
20	MISCELLANEOUS	Storage of raw material and camp with sanitation facilities for the construction labour shall be set up beyond sanctuary limits.
	<p>PPs Submission: Complied</p> <p>It is being ensured that storage of raw material and camp with sanitation facilities for the construction labour has been set up beyond sanctuary limits.</p>	Date: 30/04/2024
21	MISCELLANEOUS	The pipeline shall be laid on trestles to minimize impact on sea bed and aquatic life.
	<p>PPs Submission: Complied</p> <p>The construction of pipeline is under implementation and is being laid on trestles, designed suitably and executed to minimize negative impacts on seabed and marine life.</p>	Date: 30/04/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during the construction phase of the project to avoid any damage to the environment.
	<p>PPs Submission: Complied</p>	Date:

Infrastructure facilities including water, fuel and sanitation is being made available to the workers during the construction phase of the project.		30/04/2024
2	Statutory compliance	Full support shall be extended to the officer of this Ministry/Regional office by the project proponent during inspection of the project implementation by furnishing requisite documents/data sought and action taken reports in respect of mitigation measures and other environmental protection activities required to be implemented.
PPs Submission: Complied TCL will extend full support to the Officers of the Ministry / Regional Office during inspection of the project implementation and furnish requisite documents / data and action taken reports in respect of mitigation measures and other environmental protection activities.		Date: 30/04/2024
3	MISCELLANEOUS	The Ministry of Environment, Forest & Climate Change or any other competent authority may stipulate any additions or modify the existing ones, if necessary in the interest of environment and same shall be complied with.
PPs Submission: Complied Noted.		Date: 30/04/2024
4	MISCELLANEOUS	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with to the satisfaction of the Ministry.
PPs Submission: Complied Noted.		Date: 30/04/2024
5	MISCELLANEOUS	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry.
PPs Submission: Complied In the event of a change in project profile or change in the implementation agency, TCL will make a fresh reference to the Ministry.		Date: 30/04/2024
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		