

Half Yearly Compliance Report**2024****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name	Pipeline and Diffuser System for Disposal of Treated Waste Water at Marine Outfall Point at District Devbhumi, Dwarka, Gujarat- CRZ Clearance		
Name of Entity / Corporate Office	Tata Chemicals		
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	*****4059M
MoEF File No.	11-34/2016-IA-III	Entity name as per PAN	Tata Chemicals Limited

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office Tata Chemicals

	Project Area as per EC Granted	Actual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	11.268	11.268
Others	0	0
Total	11.268	11.268

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	CRZ Clearance	Others:Not Applicable	N/A	Not Applicable	Not Applicable	Not Applicable

Conditions**Specific Conditions**

Sr.No.	Condition Type	Condition Details
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1	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 Noted. Conditions / recommendations stipulated by the Gujarat Coastal Zone Management Authority (GCZMA) shall be complied with.		Date: 27/11/2024
2	WASTE MANAGEMENT	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 Noted. 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 into the sea / coastal water bodies.		Date: 27/11/2024
3	Corporate Environmental Responsibility	A 2 percent 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.
PPs Submission: Complied TCL has deposited Rs. 11.45 Crore (5 percent of the project cost) to Account of Gujarat Marine National Park and 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).		Date: 27/11/2024
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 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.		Date: 27/11/2024
5	Marine/Coastal	There shall be no dressing or alteration of the sand dunes, natural features including landscape changes for beatification, recreation and other such purpose.
PPs Submission: Complied Noted. 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: 27/11/2024
6	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 Complied. Wildlife Clearance has been obtained vide Gujarat Govt. letter No. WLP/32/B/1813-18/2017-18 dated 01.06.2017.		Date: 27/11/2024
7	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 Complied. Approvals under Forests (Conservation) Act, 1980 have been obtained.</p>		<p>Date: 27/11/2024</p>
8	WASTE MANAGEMENT	<p>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 people, only approved sites with the approval of competent authority.</p>
<p>PPs Submission: Complied Noted. The waste generated during the construction phase will be disposed following the applicable regulations and with the approval of the competent authority.</p>		<p>Date: 27/11/2024</p>
9	WASTE MANAGEMENT	<p>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 percent 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>
<p>PPs Submission: Complied Complied. Sewage Treatment Plant is already in operation for treatment of all sewage generated from company existing township. Treated sewage is mainly recycled and reused within company township and surplus treated sewage is discharged into Arabian Sea as per prescribed norms. TCL has appointed an independent expert agency for operation and Maintenance (O and M). Performance report of STP has been submitted to the Ministry. The proposed treated wastewater disposal project deals only with the industrial effluent.</p>		<p>Date: 27/11/2024</p>
10	MISCELLANEOUS	<p>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>
<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 (TCSRSD) setup by TCL. Government and other stakeholders are consulted regularly for implementation of the CSR projects which include income generation schemes particularly targeted towards weaker section of the society.</p>		<p>Date: 27/11/2024</p>
11	Marine/Coastal	<p>The construction in CRZ areas shall strictly in accordance with the provisions of CRZ Notification, 2011 and as amended from time to time.</p>
<p>PPs Submission: Complied Noted. It will be ascertained that the construction in CRZ areas is strictly in accordance with the provisions of CRZ Notification, 2019 and as amended from time to time.</p>		<p>Date: 27/11/2024</p>
12	Marine/Coastal	<p>Mudflat restoration plan with specific focus on waders and other water birds of the affected region be developed and implemented through concerned authority.</p>
<p>PPs Submission: Complied The Treated Wastewater Pipelines system is being laid on trestles to minimize impact on seabed. 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</p>		<p>Date: 27/11/2024</p>

		region shall be developed and implemented through concerned authority.	
13	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.	
PPs Submission: Complied As the project falls in coastal area, Soil testing is not applicable due to availability of sand; however, company conducts monitoring of solids and Ground water for heavy metals and other toxic contaminants.			Date: 27/11/2024
14	WASTE MANAGEMENT	Solid waste management shall be collected, treated disposed in accordance with the Solid Waste Management Rules, 2016.	
PPs Submission: Complied Noted. Solid waste generated will be collected, treated if required and disposed in accordance with the Solid Waste Management Rules, 2016.			Date: 27/11/2024
15	WASTE MANAGEMENT	<p>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.</p> <p>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 Noted. TCL assures that ground water will not be withdrawn within CRZ areas. Untreated wastewater will not be discharged outside the project premises. As explained under Para (ix) above domestic wastewater generated in the township is mainly recycled and reused within company township and surplus treated sewage is discharged into the Arabian Sea as per prescribed norms. Regular monitoring of treated sewage is conducted by the environmental laboratory of expert agency appointed for operation and maintenance of STP.			Date: 27/11/2024
16	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.	
PPs Submission: Complied Noted. Hazardous waste generated if any, during the construction phase will be disposed as required under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.			Date: 27/11/2024
17	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.	
PPs Submission: Complied Company has already implemented effluent management system to achieve the norms prescribed by GPCB. Regular monitoring is also being conducted. This practice will continue after the project for disposal of treated wastewater through pipeline is implemented and monitoring reports will be submitted to GPCB and the Regional office of the Ministry.			Date: 27/11/2024
18	Marine/Coastal	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 TCL has appointed CSIR-CSMCRI, Bhavnagar for study of prevailing marine environment. A team of scientists completed field study in September,2023. TCL has submitted copy of the report to the ministry vide email dated 07.08.2024.</p>		<p>Date: 27/11/2024</p>
19	Marine/Coastal	The pipeline shall be laid on trestles to minimise impact on sea bed and aquatic life.
<p>PPs Submission: Complied 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>		<p>Date: 27/11/2024</p>
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 It is being ensured that storage of raw material and camp with sanitation facilities for the construction labour are set up beyond sanctuary limits.</p>		<p>Date: 27/11/2024</p>
21	Marine/Coastal	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 Sakuraeolis gujaratica and Antaeolidiella poshitra. The data shall be submitted to the regional office of the Ministry and the concerned agency in the State.
<p>PPs Submission: Complied Baseline survey has been conducted by NIO and TCL submitted study report to the Ministry along with application for CRZ clearance. TCL has appointed CSIR-CSMCRI, Bhavnagar for study of prevailing marine environment. A team of scientists completed field study in September,2023. TCL has submitted copy of the report to the ministry vide email dated 07.08.2024.</p>		<p>Date: 27/11/2024</p>
<p>General Conditions</p>		
Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	The Ministry of Environment, Forest and 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.
<p>PPs Submission: Complied Noted</p>		<p>Date: 27/11/2024</p>
2	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 Infrastructure facilities including water, fuel and sanitation are made available to the workers during the construction phase of the project</p>		<p>Date: 27/11/2024</p>
3	MISCELLANEOUS	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, to them.		Date: 27/11/2024
4	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 shall make a fresh reference to the Ministry.		Date: 27/11/2024
5	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: 27/11/2024
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
<p style="text-align: center;">Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p>		