



## Gujarat Alkalies and Chemicals Limited

(Promoted by Govt. of Gujarat)

Dahej Complex : P.O. Dahej - 392130. Tal. Vagra, Dist. Bharuch (Gujarat) INDIA

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CIN NO : L24110GJ1973PLC002247

S&E/DHJ/E-27/2021-22

27.07.2021

To,  
Additional Principal Chief Conservator of Forest (C),  
Ministry of Environment, Forest and Climate Change,  
Regional office (WZ),  
E-5, Kendriya Paryavaran Bhawan,  
E-5 Area Colony, Link Road-3,  
Ravishankar Nagar, Bhopal – 462016

**Subject** : Six Monthly Compliance Report of CRZ Clearance (Jan-21 to June-21)  
**Reference** : CRZ Clearance F.No 11-50/ 2012-IA.III dtd. 12/03/2015

Dear Sir,

With reference to above, we are enclosing herewith six-monthly compliance report of above referred CRZ Clearance for the period of Jan-21 to June-21.

This is for your kind information please.

Thanking you,  
Yours faithfully,  
For Gujarat Alkalies and Chemicals Limited-Dahej

  
M. B. PATEL  
DGM(S, E & F)

Encl: As Above

**Copy to:**

**Regional Office**  
Gujarat Pollution Control Board  
C-1/119/3, GIDC, Phase-II, Narmada nagar  
Bharuch-392 015

**Gujarat Coastal Zone Management Authority**  
Block No: 14/8th Floor, New Sachivalaya,  
Sector - 10A, Gandhinagar  
Fax: 079 23252156 Phone: 079 23252660  
**Email:** [oczma.crz@gmail.com](mailto:oczma.crz@gmail.com)

**Central Pollution Control Board**  
Parivesh Bhawan, Aatmajyoti Ashram Rd,  
Opp. VMC Ward Office No. 10,  
Subhanpura, Vadodara, Gujarat 390023



**Regd. Office & Works** : P.O. Petrochemicals - 391 346, Dist. Vadodara(Gujarat) INDIA  
**Phone** : +91-265-2232681, 3061200, 6540463 **Fax** : +91-265-2232130, 2230031  
**Website** : [www.gacl.com](http://www.gacl.com)

**GACL- Dahej**  
 Compliance Report of CRZ Clearance  
 Period: Jan 21 to June 21

<b>Compliance of CRZ Clearance vide F. No. 11-50/ 2012.IA.III dated 12<sup>th</sup> March, 2015</b>		
<b>A. SPECIFIC CONDITIONS:</b>		
<b>Sr. No</b>	<b>Conditions</b>	<b>Compliance status</b>
1.	Consent for Establishment" shall be obtained from State Pollution Control Board under Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974.	Complied.  CTE obtained from GPCB under relevant environmental acts
2.	The recovered condensate shall be recycled and reused within the premises.	Complied
3.	The Project shall be implemented in such a manner that there is no damage whatever to the mangroves/other sensitive coastal ecosystem.	Complied  There has been no damage to mangroves and other sensitive coastal ecosystem.
4.	The effluent to be disposed of shall meet the standards prescribed by Gujarat Pollution Control Board.	Complied.  Monitoring report by NABL approved lab for the compliance period is enclosed as <b>Annex I</b>
5.	The pipelines both intake and outlet shall not cause any hindrance to the movement of the local communities including the fisherman.	Complied  No hinderance is caused to the movement of local communities since the pipeline is buried 2 m underground.
6.	A continuous and comprehensive post-project marine quality monitoring programed shall be taken up. This shall include monitoring of water quality, sediment quality and biological characteristics covered in the EIA studies.	Complied.  Comprehensive monitoring is being done at the final discharge pipeline. Marine monitoring was carried out in May-2021 by competent and MoEFCC recognized agency. Monitoring and analysis report is enclosed herewith as <b>Annex II</b>
7.	The marine outlet quality shall be monitored by the SICOM twice a year on payment by the Project Proponent.	Complied.  Comprehensive marine monitoring is being carried out twice a year and report is being submitted to relevant statutory authorities
8.	It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.	Complied  No displacement of people, houses or fishing activity has taken place as a result of the project.
9.	It shall be ensured that due to the project, there is no adverse impact on the drainage of the area and recharge of groundwater. No groundwater shall be tapped in the project area falling in Coastal Regulation Zone.	Complied.  There is no adverse impact on the drainage of the area and recharge of ground water. No ground water

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		is being tapped.
10	The pipelines shall be buried 2 m below the ground level/sea bed.	Complied
11	The marine outfall be at 10 m CD. The effluents shall be discharged through multiple ports at the outfall for proper dispersion.	Complied. Outfall with multiple diffuser ports is located at 10 m CD as per the recommendation of NIO.
12	The outlet quantity as well as the sea water near the outfall shall be monitored including for temperature and salinity regularly. A report in this regard shall be submitted to Regional Office, Ministry along with six monthly monitoring report.	Complied. Comprehensive monitoring is being done at the final discharge pipeline. Marine monitoring was carried out in May-2021 by competent and MoEFCC recognized agency. Monitoring and analysis report is enclosed herewith as <b>Annex II</b>
13	All the recommendations/conditions stipulated by Gujarat Coastal Zone Management Authority (GCZMA) vide letter no ENV-10-2011-1508-E dated 24.05.2012, shall be complied with.	Complied. GACL abides by all the recommendations/conditions stipulated by esteemed GCZMA
14	All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measure submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to Ministry along with half yearly compliance report to MoEFCC -RO.	Complied.
15	Construction activity shall be carried out strictly as per the provisions of CRZ Notification 2011. No construction works other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Complied During construction stage.
16	The storm water drainage shall be worked out after analyzing the contour levels of the site and the surrounding area and the capacity of storm water drainage.	Complied
17	There shall be no Ground water drawl within CRZ area.	Complied No ground water tapping is involved in any means by GACL
18	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	Separate Environmental Cell with qualified personnel is created to implement the Environmental Management Plan. Organogram is attached as <b>Annex. III</b>
19	The funds earmarks for environmental management plan shall be included in the budget and this shall not be diverted for any other purpose.	Adequate budgetary provisions are made under this specific condition.

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<b>B. GENERAL CONDITIONS</b>		
<b>Sr. No</b>	<b>Conditions</b>	<b>Compliance status</b>
<b>1.</b>	A Six-monthly monitoring report shall be need to be submitted by the project proponents to the Regional Office of this Ministry at Bhopal regarding the implementation of the stipulated conditions.	<b>Complied</b>
<b>2.</b>	Ministry of Environment, Forests & 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.	<b>Duly noted</b>
<b>3.</b>	The Ministry reserve the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry	<b>Duly noted</b>
<b>4.</b>	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forests & Climate Change.	<b>Duly noted</b>
<b>5.</b>	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	<b>Complied</b>
<b>6.</b>	A copy of the clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been made received while processing the proposal.	<b>Complied</b>
<b>7.</b>	Safety provision such as bus bays, service roads intersection improvement etc., will be carried out by the project proponent shall provide adequate facilities as per IRC norms/guidelines.	<b>Complied</b>
<b>8.</b>	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries center and Collector's Office/ Tehsildar's office for 30 days.	<b>Complied</b>
<b>9.</b>	These stipulated would be enforced among others under the provisions of 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 and EIA Notification 2006, including the amendments and rules made thereafter.	<b>Duly noted</b>
<b>10.</b>	All other statutory clearance 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 proponents	<b>Complied</b>

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	from the respective competent authorities.	
11.	The project proponent shall advertise in at least two local News papers 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 and may also be seen on the website of the Ministry of Environment, Forests & Climate Change at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhopal.	<b>Complied</b>
12.	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.	<b>Duly noted</b>
13.	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.	<b>Duly noted</b> <b>No such appeal evident</b>
14.	Status of compliance to the various stipulated environment conditions and environment safeguard will be uploaded by the project proponent in its website.	<b>Compliance status is available on company's website</b>
15.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of Ministry, the respective Zonal Office of CPCB and the SPCB.	Six monthly reports on the status of compliance of the stipulated Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of Ministry, the respective Zonal Office of CPCB and the GPCB is being submitted timely
16.	The environment statement for each financial year ending 31 <sup>st</sup> 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 Offices of Ministry by e-mail.	<b>Complied</b> Form V is submitted as per requirement regularly.

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<b>Compliance of Recommendation by GCZMA Vide ENV-10-2011-1508-E dated May 24, 2012</b>		
<b>Sr. No</b>	<b>Specific Condition</b>	<b>Compliance status</b>
1	The provisions of the CRZ Notification of 2011 shall be strictly adhered to by M/s GACL.	<b>Duly noted</b>
2	The treated effluent meeting with the Gujarat Pollution Control Board (GPCB) norms at the point recommended by the NIO shall be discharged through the said pipeline	Complied.
3	The GACL shall have to contribute financially for the programed for development of the Eco-village in consultation with the Gujarat Ecology Commission, which is the nodal agency for the purpose, as a part of the CSR.	Various eco development projects are being implemented by GACL's CSR arm GACL Education Society (GES). A glimpse of activities in surrounding villages is presented in <b>Annex IV</b> .
4	The GACL shall have to provide continues monitoring system for effluent quality looking to the nature of effluent and it shall be ensuring that it confirms the norms specified by the GPCB.	Complied. Online monitoring as per GPCB guidelines is implemented. Effluent Monitoring from third part is carried out on monthly basis.
5	All the recommendations and suggestions given by the NIO in its Marine Environment Impact Assessment reports shall be implemented strictly by M/s GACL.	Complied
6	The effluent not meeting with the GPCB norms shall be discharged and shall be stored in the Guard Ponds and recycled back into the Effluent Treatment Plant for further treatment to achieve GPCB norms. The GACL shall install necessary facilities for this purpose and shall strictly ensure the compliance with the GPCB norms, round the clock.	Complied. Necessary arrangement is in place.
7	Comprehensive Environment Impact Assessment report shall be submitted to this department and the recommendations/suggestions given in it shall be implemented.	Complied.
8	The Construction debris and sewage generated during the construction phase shall not be discharged into the creek, sea, and estuary or into the CRZ area. The debris shall be removed from the construction site immediately after the construction is over and shall be disposed of as per the guidance of the GPCB.	Complied at the time of construction.
9	The construction camps shall be located outside the CRZ area and the construction labors shall be provided with the necessary amenities, including sanitation, water supply and fuel and it shall be ensured that the environmental conditions are not deteriorated by the construction labors.	Complied at the time of construction.
10	The ground water shall not be tapped to meet with any water requirements during construction or operation phase in any case.	Complied
11	A Disaster Management Plan to meet with any eventualities	Complied

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	that may arise during construction and/or operation phase shall be prepared implemented.	
12	The pipeline shall be monitored regularly by the company and it shall be ensured that there is no leak from the pipeline. In case of any such eventualities, the company shall immediately stop disposal through the said channel and take the corrective measure in consultation with the GPCB and the District Collector.	Pipeline monitoring is done regularly. Considering this review period, no such incident occurred.
13	Necessary permission from different departments/agencies under different laws/acts shall be obtained before commencing the construction/pipeline laying activities.	Complied.
14	A separate Environmental Cell with qualified personnel shall be created to implement the Environmental Management Plan and a separate budget shall be provided for this purpose.	Separate Environmental Cell with qualified personnel is created to implement the Environmental Management Plan. Organogram is attached as <b>Annex. III</b>
15	The cost of the external agency that may be appointed by this department for supervision/monitoring of the project activities during construction/operational phases shall be borne by M/s GACL.	Complied.
16	Massive greenbelt development programme including the mangrove plantation in 50 ha. Shall be carried out in consultation with the Gujarat Ecology Commission/Forest Department by M/s GACL.	Complied Massive mangrove conservation program is going on at coast of Suva village in consultation with the Forest Department and external expert agency.
17	A largescale socio-economic upliftment programe in consultation with the District Collector/DDO shall be carried out. A separate budget shall be provided for this purpose and details be furnished to this department from time to time.	Complied CSR activities for 34 villages in surrounding area is being carried out. Details in <b>Annex IV</b>
18	Environmental Audit report shall be submitted every year. The report shall also cover the change in the coastal and marine environment enroute the proposed pipeline and around disposal point due to commissioning of the proposed activities.	Complied Environment Audit report is being submitted every year regularly
19	A six-monthly progress reports regarding the compliance of the conditions shall be submitted to this department.	Complied.
20	Any additional condition that may be imposed by this Department/MoEF, GOI from time to time shall have to be complied with by M.s GACL.	<b>Duly noted</b>