

F.No. 11-90/2012-IA.III
Government of India
Ministry of Environment, Forests & Climate Change
(IA-III Section)

Vayu Wing, 3rd Floor,
Indira Paryavaran Bhawan,
Jor Bag Road, Aliganj,
New Delhi - 110 003

Dated: 16th September, 2014

To

The DGM (EC) & MR,

M/s Gujarat State Fertilizers and Chemicals Ltd.,
Post: Motikhavdi, Dist. Jamnagar,
Gujarat - 361 140

Contact Person Details:

Dr. GC Kamdar,

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Subject: Environmental and CRZ Clearance for dredging in front of existing captive jetty near turning circle, laying of additional pipeline, and addition of Ammonia and Phosphoric Acid tanks in the existing Sikka Shore Terminal of Gulf Kachchh, Gujarat by M/s Gujarat State Fertilizers and Chemicals Ltd. - Reg.

This has reference to your proposal forwarded by the Director (Env.) & Additional Secretary, Forests & Environment Department, Gujarat vide letter No: ENV-10-2013-93-E dated 21.02.2014 and your letter dated 21.04.2014 seeking prior Environmental and CRZ Clearance for the above project under the Environment Impact Assessment (EIA) Notification - 2006 and Coastal Regulation Zone (CRZ) Notification, 2011. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification - 2006 and Coastal Regulation Zone Notification, 2011 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, recommendation of State Coastal Zone Management Authority, EIA, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee (EAC) constituted by the competent authority in its meetings held on 21st - 22nd March, 2014 and 19th - 21st May, 2014.

2. It is inter-alia noted that the proposal involves dredging in front of existing captive jetty near turning circle, laying of additional pipeline, and addition of Ammonia and Phosphoric Acid tanks in the existing Sikka Shore Terminal of Gulf Kachchh, Gujarat. The jetty is located inside Sikka Creek about 3 nautical miles from the anchorage area at Latitude: 22° 27' 30" N and Longitude: 69° 47' 45" E. Being a tidal port, the berthing and de-berthing at existing jetty is done only during high tide. There is no night navigation facility. The jetty is being used for handling the import of raw materials needed for DAP production at Sikka. The draft allowable is 8m. For the import of raw materials required in keeping with



the proposed expansion of fertilizers production, it is required to dredge berthing area up to -11.70m to allow vessels up to 33,000DWT to berth. It is also required to create turning circle of 400m diameter with -8.00 m bed levels for safe maneuvering of the vessels. The proposal includes (i) dredging in berthing area and turning circle near the existing captive jetty to the tune of 2.5 lakh Cum. (ii) laying of part of Ammonia (6 inch dia. LTCS line with cold PUFF insulation) and phosphoric acid (6 inch SS 316 L) pipelines from Sikka Shore Terminal (SST) to Motikhavdi plant site located approximately 9.5 km distance and (iii) Installation of additional Ammonia and phosphoric acid storage tanks, two 10,000 MT Ammonia Tanks and three 10,000 MT Phosphoric Acid Tanks in the existing premises of SST.

3. The project was examined by the EAC in its 119th meeting held on 20th – 21st December, 2012 and finalized ToR including conduct of Public Hearing. Public Hearing conducted on 17.01.2014 at Sikka. The major issues raised during the Public Hearing were employment, transportation facility for school children maintenance of existing pipeline corridor, dredging near MNP etc. PP informed that the Notification on Eco- Sensitive Zone around MNP & Sanctuary was made on 22.08.2013. The project is outside the ESZ, however the CCF, MNP, Jamnagar vide letter dated 29.01.2014 has stipulated certain conditions.

4. The project was considered by the EAC in its 132nd meeting held in March, 2014 and the EAC noted that CRZ map does not show the details of the MNP & Sanctuary and location of dredge material dumping. Therefore the EAC suggested to the PP to submit the revised CRZ map showing all the proposed components, MNP & Sanctuary with their boundary, dredge location, dredge material disposal etc. The EAC also wanted a more positive and reassuring response on Public Hearing issues like protection of bus facility for school children and disposal of arsenic etc.

5. The Gujarat State Coastal Zone Management Authority has recommended the project vide letter No. ENV-10-2013-93-E dated 21.02.2014.

6. The details presented by the Project Proponent were examined by the EAC in its 134th meeting held on 19th - 21st May, 2014. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the grant of Environmental and CRZ Clearance for the project. Accordingly, the Ministry hereby accords necessary Environmental and CRZ Clearance for the above project as per the provisions of Environmental Impact Assessment Notification – 2006 and Coastal Regulation Zone Notification, 2011, subject to strict compliance of the terms and conditions as follows:

7. Specific Conditions:

- (i) Dedicated ambulance facility with notified contact details, shall be provided as committed.
- (ii) Project Proponent (PP) shall explore the possibilities for disposal of Arsenic waste in accordance with the norms and till the disposal, PP shall submit the details of storage/monitoring reports to Gujarat Pollution Control Board (GPCB) for its monitoring.

- (iii) All the conditions stipulated by Gujarat State Coastal Zone Management Authority vide their letter No. ENV-10-2013-93-E dated 21.02.2014 shall be strictly complied with.
- (iv) The smooth and safe operation of the system shall be ensured by incorporating a computerized SCADA (Supervisory Control And Data Automation) system. Any leakage in the pipeline shall be immediately detected by the Computer system and product pumping shall be immediately cut off.
- (v) The approach channel shall be properly demarcated with lighted buoys for safe navigation and adequate traffic control guidelines shall be framed. The fishermen shall be suitably educated and informed about the traffic guidelines.
- (vi) Oil Contingency Management Plan shall be put in place.
- (vii) Necessary signages shall be installed in both English and local languages wherever the pipeline is passing.
- (viii) Soil and water samples shall be regularly monitored along the pipeline route to check the leakage/contamination, if any and shall examine if any strengthening is required.
- (ix) All the recommendation of the EIA/EMP and DMP shall be strictly complied with.
- (x) 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.
- (xi) The project proponent shall take up mangrove plantation/green belt in the project area, wherever possible. Adequate budget shall be provided in the Environment Management Plan for such mangrove development.
- (xii) The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.

8. General Conditions:

- (i) The construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration, meticulously conforming to the existing local and Central rules and regulations including the provisions of Coastal Regulation Zone Notification, 2011 and the approved Coastal Zone Management Plan of Gujarat.
- (ii) In the event of any change in the project profile a fresh reference shall be made to the Ministry of Environment, Forests & Climate Change.



- (iii) This Ministry reserves the right to revoke this clearance, if any, of the conditions stipulated are not complied with to the satisfaction of this Ministry.
- (iv) This Ministry or any other competent authority may stipulate any additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.
- (v) Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the offices of the Central and Gujarat State Pollution Control Board by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.

9. These stipulations 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 Municipal Solid Wastes (Management and Handling) Rules, 2000 including the amendments and rules made thereafter.

10. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department and Civil Aviation Department from height point of view, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

11. 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 Environmental & CRZ Clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forests & Climate Change at <http://www.envfor.nic.in>. 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.

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.

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.

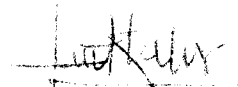
14. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

15. The proponent shall upload the status of compliance of the stipulated Clearance 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. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

16. 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 MoEF&CC, the respective Zonal Office of CPCB and the SPCB.

17. 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 Offices of MoEF&CC by e-mail.



(Lalit Kapur)
Director (IA-III)

Copy to:

1. The Principal Secretary, Department of Forests & Environment and Chairman, GCZMA, Govt. of Gujarat, Sachivalaya, Gandhinagar.
2. The Director, Forests & Environment Department, Govt. of Gujarat, Block No.14, 8th Floor, Sachivalaya, Gandhinagar – 382 010.
3. The Chairman, CPCB, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhinagar-382 010.
5. The CCF, MoEF&CC, Regional Office (WR), Kendriya Paryavaran Bhavan, Link Road No. 3, Ravishankar Nagar, Bhopal-462016 (M.P.)
6. Guard File.
7. Monitoring Cell, MoEF.

(Lalit Kapur)
Director (IA-III)