

F. No. J-11011/1/1989- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003

E-mail : lk.bokolia@nic.in
Telefax : 011: 2436 6017
Dated: July 24, 2012

To,

Shri U.K. Dhoot,
Dy. General Manager (PJ-Monitoring)
M/s Indian Oil Corporation Limited
(Pipeline Division), A-1, Udyog Marg
NOIDA- 201 301, Uttar Pradesh

E-mail: dhootuk@iocl.co.in ; Fax No: 0120-2448601.

Subject: Handling of Additional Crude Oil (25 MMTPA to 50 MMTPA) through existing Single Point Mooring (SPM) System at Vadinar, Gujarat by M/s India Oil Corporation Limited – Environmental Clearance reg.

Ref. : 1. Ministry's even no. letters dated 17th January, 1992 and 28th February, 2011.
2. Your letter no. PL/PJ-Moni/VAD-IIInd SPM/8.2 date 4th November, 2010 and 31st October, 2011

Sir,

Kindly refer to your letter dated 4th November, 2010 and 31st October, 2011 regarding above mentioned project, wherein you have requested for environmental clearance for handling of additional crude oil (from 21 MMTPA to 50 MMTPA) through existing Single Point Mooring (SPM) System at Vadinar, Gujarat. You have also informed the Ministry that:

- i. The proposal does not involve any construction activity or any change in operational procedure.
- ii. The proposal is not for any new or modernization project.
- iii. There will be increase in volume of crude oil to be handled from 25 MMTPA to the extent of 50 MMTPA through modification in supply chain management by configuring the tanker movement.
- iv. No new project/facilities or expansion would be required in the offshore including CRZ area, Marine National Park and Marine sanctuary.

2.0 All the Offshore and onshore oil and gas exploration, development & production are listed at S.N. 1(b) under Category 'A' and appraised at the Central level.

3.0 Public hearing was exempted from as per para 7 (ii) of EIA Notification, 2006

4.0 The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 30th meeting held during 15th-16th December, 2011.

5.0 The Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 subject to strict compliance of the following specific conditions:

A. SPECIFIC CONDITIONS :

- i) All the specific conditions and general conditions specified in the earlier environmental clearance letters accorded vide Ministry's letter no. 11011/1/89-IA-II dated 17th January, 1992 and J-11011/1/1989-IA-II dated 28th February, 2011 shall be implemented.
- ii) Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry on 16th September, 2009.
- iii) No new project/facilities or expansion shall be carried out in and around the offshore including CRZ area, Marine National Park and Marine sanctuary.
- iv) There shall be no change in operational methodology at the each of SPM.
- v) Monitoring /testing of sea water after each tanker unloading shall be carried out.
- vi) Oil spill mock drill shall be carried out regularly.
- vii) Safety distance shall be maintained between VLCCs.
- viii) All the recommendation mentioned in the NIO report shall be implemented in a time bound manner.
- ix) Strict adherence to MARPOL protocol and related regulation shall be ensured.
- x) As proposed, oil spill response facilities shall be installed.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.
- ii. No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable.
- iv. The project authorities must strictly comply with the rules and regulation with regarding to handling and disposal of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 wherever applicable. Authorization from the State Pollution Control Board must be obtained for collections/ treatment/ storage/disposal of hazardous wastes.
- v. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
- vi. A separate Environmental Management Cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.

- vii. The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- viii. The Regional Office of this Ministry/Central Pollution Control Board/State Pollution Control Board will monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.
- ix. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila 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 web site of the company by the proponent.
- x. The project proponent shall upload the status of compliance of the stipulated environment 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 the MOEF, the respective Zonal Office of CPCB and the GPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x, HC (Methane & Non-methane), VOCs (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- xi. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the GPCB. The Regional Office of this Ministry / CPCB / GPCB shall monitor the stipulated conditions.
- xii. 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 alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.
- xiii. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the GPCB and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office.
- xiv. Project authorities 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 commencing the land development work.

6.0 All other conditions also remain the same.

7.0 You are requested to keep this letter with the Environmental Clearance accorded vide letter No. 11011/1/1989- IA II (I) dated 17th January, 1992 and 28th February, 2011.

8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

9.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

10.0 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 Waste (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.

June
(Lalit Bokolia)
Joint Director

Copy to:-

1. The Principal Secretary, Forests & Environment Department, Government of Gujarat, Sachivalaya, 8th Floor, Gandhi Nagar - 382 010, Gujarat.
2. The Chief Conservator of Forests (Western Zone), Ministry of Environment & Forests, Regional Office, E-5, Arera Colony, Link Road -3, Bhopal -462 016, M.P.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhi Nagar-382 043, Gujarat.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Joint Secretary, IA Division, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File/Monitoring File/Record File.

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(Lalit Bokolia)
Joint Director