

F. No. J-11011/413/2008- 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 : [pb.rastogi@nic.in](mailto:pb.rastogi@nic.in)

Telefax : 011: 2436 7668

Dated 24<sup>th</sup> January, 2011

To,

✓ Shri A. Buragohain,  
General Manager (PROD-Oil) I/C  
M/s Oil India Limited, P.O. Duliajan  
Dibrugarh-786 602, Assam

E-mail : [jamal.pervez@gmail.com](mailto:jamal.pervez@gmail.com) ; [safety@oilindia.in](mailto:safety@oilindia.in) ; [ecpldelhi@rediffmail.com](mailto:ecpldelhi@rediffmail.com);

Fax No.: 0374-2804888

**Subject:** Setting up of Four Development Projects viz. (1) Oil Collecting Station (OCS) at Bhogpara; (2) Augmentation of Capacity of Intermediate Tank Farm (ITF) at Tengakhat; (3) New Browser Unloading Station (BUS) at Makum & (4) Hapjan-Savitri Crude Oil Pipeline in Tengakhat-Naharkatia-Jorajan (TNJ) area District Dibrugarh and Tinsukhia, Assam by M/s Oil India Limited (OIL) – Environmental clearance reg.

**Ref. :** Your letter no. PDNO:2/10/1.00-81dated 1<sup>st</sup> February, 2010.

Sir,

This has reference to your letter no. PDNO:2/10/1.00-81dated 1<sup>st</sup> February, 2010 on the above mentioned subject alongwith project documents including Prefeasibility Report, Draft Terms of References, EIA/EMP report and subsequent communications vide letters dated 20<sup>th</sup> March, 2010, 25<sup>th</sup> September, 2010 and 20<sup>th</sup> December, 2010 on the above mentioned subject.

1.0 The Ministry of Environment & Forests has examined your application. It is noted that the project is for setting up of Four Development Projects viz. (1) Oil Collecting Station (OCS) at Bhogpara; (2) Augmentation of Capacity of Intermediate Tank Farm (ITF) at Tengakhat; (3) New Browser Unloading Station (BUS) at Makum & (4) Hapjan-Savitri Crude Oil Pipeline in Tengakhat-Naharkatia-Jorajan (TNJ) area District Dibrugarh and Tinsukhia, Assam by M/s Oil India Limited (OIL). TNJ area lies approximately between 94°47' and 95° 31' East Longitude and 27° 15' and 27°29' North latitude. Padumani Wildlife Sanctuary (8.2 km from BUS at Mahum), Bherjan Wildlife Sanctuary (3.2 km from new BUS at Mokum), Borjhan Wildlife Sanctuary (3.8 km from STF) and 3 recently declared Wildlife sanctuaries (declared on 20<sup>th</sup> October, 1999) besides Dibrusaikhowa National Park (9 km from BUS) are located within 10 km. area. Dibrusaikhowa National Park (9 km from BUS) in TNJ area. Extremely rare and endangered species of wildlife are located in TNJ area. Total land requirement will be 48.19 ha. Total cost of project will be Rs. 252.00 Crores.

2.0 Stacks of adequate height will be provided to control emissions. Flaring will be restricted to small amount and low pressure. Total ground water requirement for OCS, STF, ITF and BUS will be 128 m<sup>3</sup>/day. Formation water produced during crude oil productions at Bhogpara OCS and Naoholia STF will be treated in effluent treatment plant (ETP) to meet limits before disposal. No effluent pits will be provided for the storage of formation water. Tank bottom sludge from crude oil tanks from all the sources will be stored in secured, covered impermeable concrete sludge pit before safe disposal through approved/registered recyclers.

Public hearing was exempted as per Para 7 (ii) of Environmental Impact Assessment Notification, 2006. ✓

5.0 The proposal was considered in the 83<sup>rd</sup> Meeting of the Expert Appraisal Committee (Industry) held during 16<sup>th</sup> July, 2008 for prescribing 'Terms of References' for undertaking detailed EIA/EMP.

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

#### A. SPECIFIC CONDITIONS :

- i. Environmental clearance is subject to obtaining prior clearance from wildlife angle including clearance from the Standing Committee of the National Board for Wildlife regarding impact of the proposed projects on the Padumani Wildlife Sanctuary (8.2 km from new BUS at Mahum), Borjhan Wildlife Sanctuary (5 km from STF) and 3 recently declared Wildlife sanctuaries (declared on 20<sup>th</sup> October 1999) besides Dibru-Saikhowa National Park (9 km from BUS) located within 10 km. area applicable.
- ii. Grant of environmental clearance does not necessarily imply that wildlife clearance shall be granted to the project. The proposal for wildlife clearance shall be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from wildlife angle shall be entirely at the cost and risk of the project proponent and Ministry of Environment & Forests shall not be responsible in this regard in any manner.
- iii. Ambient air quality shall be monitored for PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and non-methane hydrocarbon (NMHC) as per the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009.
- iv. The stacks of adequate height shall be provided to control emissions from all the sources including DG sets, steam generators etc. as per the regulatory requirements and emissions from stacks shall meet the MOEF/CPCB guidelines. Stack
- v. The company shall make the arrangement for control of noise from the DG sets and meet DG set norms notified by the MoEF.
- vi. Total ground water requirement for OCS, STF, ITF and BUS shall not exceed 128 m<sup>3</sup>/day/well and prior permission shall be obtained from the Central Ground Water Authority/State Ground Water Board (CGWA/SGWB). A copy of the permission shall be submitted to the Ministry's Regional Office at Shillong. Effluent Treatment Plant (ETP) shall be installed to control oil content and other parameters as per Assam Pollution Control Board and/or Environment (Protection) Act whichever is more stringent. Treated wastewater shall be passed through multi-media filters to remove solids and clarified water shall be collected into storage tubes before pumping to disposal wells. Oily water shall be treated in oil separator to remove oil content in the effluent. Domestic effluent shall be treated in septic tank followed by soak pit. The treated effluent shall be monitored regularly.
- vii. Tank bottom sludge from crude oil tanks of STF, ITF, BUS and OCS shall be stored in secured, covered impermeable concrete sludge pit located outside the proposed installation before safe disposal through approved/registered recyclers. Waste oil and used batteries shall be sold to authorized recyclers / re-processors. Secured land fill shall be as per the design approved by the CPCB and obtain authorization from the ASPCB. Copy of authorization shall be submitted to Ministry's Regional Office at Shillong.

- viii. Total storage capacity of the oil tanks shall not exceed 40,000 KL after expansion. Capacity of the each of the storage tank shall not exceed 5,000 KL. Instead of fixed roof tanks, floating roof tanks shall be provided.
- ix. A Comprehensive Oil Spill Contingency Plan (OSCP) shall be prepared to handle all major, moderate and minor spill.
- x. All the OCS shall have facilities for knocking out water from the formation fluid. The Formation water from Electrostatic, Emulsion Treater (EET) shall be disposed to the disposal wells only after ensuring all the parameters within permissible limit of Assam PCB and / or prescribed under E (P) Act whichever is more stringent.
- xi. Use of browser for the transportation of oil shall be stopped as soon as pipeline is installed.
- xii. M/s OIL shall prepare a remediation plan (both bio-remediation and phyto-remediation) where solid is contaminated due to spillage of oil in existing units and submit to MOEF.
- xiii. An immediate action shall be ensured to control and treat oil spill or oil sludge using suitable method. Remaining oil shall be remediated through bioremediation / phyto-remediation etc. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.
- xiv. All the solid/hazardous waste including bottom sludge shall be handled as per the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000. All the Oily Sludge from ITF, STF, BUS, OCS shall be stored in secured land fill (SLF) as per CPCB guidelines.
- xv. Handling and disposal of hazardous wastes shall be in accordance with the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008. Authorization from the Assam SPCB shall be obtained for collections/treatment/ storage/ disposal of hazardous wastes.
- xvi. The project authorities shall patrol and inspect the pipeline regularly for detection of faults as per OISD guidelines and continuous monitoring of pipeline operation by adopting non-destructive method (s) of testing. Pearson survey and continuous potential survey shall be carried out at regular intervals to ensure the adequacy of cathodic protection system.
- xvii. The project authorities shall install SCADA system for safe operation of pipeline and Leak Detection System (LDS). Additional sectionalizing valves in the residential area and sensitive installations shall be provided to prevent the spillage of the oil in the event of pipeline failure. Intelligent pigging facility shall be provided for the entire pipeline system for internal corrosion monitoring.
- xviii. M/S OIL shall ensure smokeless flaring in case of ground flaring. The Company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation. To prevent fire and explosion at Oil and Gas facility, potential ignition sources shall be kept to a minimum and adequate separation distance between potential ignition sources and flammable material shall be in place.
- xix. The flare system shall be designed as per good oil field practices and oil industry Safety Directorate (OISD) guidelines.

- xx. The fire fighting facilities shall be designed as per OISD-117 guidelines. For fighting prolonged fires, the company shall firm up a plan for assured water supply from nearby ground water/surface water source.
- xxi. Comprehensive Risk Assessment and Consequence Analysis for all the activities regarding impact of the proposed project on the Secondary Tank Farm (STF), Oil Collecting Station (OCS), Intermediate Tank Farm (ITF), Browser Unloading Station (BUS) and pipeline shall be carried out. Action plan to implement the recommendations shall be submitted to the Ministry and proper implementation shall be ensured.
- xxii. Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules.
- xxiii. The project proponent shall also comply with the environmental protection measures and safeguard recommended in the EIA / EMP report.
- xxiv. The surface facilities shall be installed as per applicable codes and standards, international practices and applicable local regulations.
- xxv. The design, material of construction, assembly, inspection, testing and safety aspects of operation and maintenance of pipeline and transporting the natural gas/oil shall be governed by ASME/ANSI B 31.8/B31.4 and OISD standard 141.
- xxvi. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

## **B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the Assam State Pollution Control Board (ASPCB), 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.

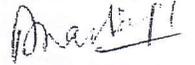
of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).

- 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 project authorities shall provide adequate funds both recurring and non-recurring 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 provided shall not be diverted for any other purposes.
- viii. The Regional Office of this Ministry/Central Pollution Control Board/ Assam State Pollution Control Board shall 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 Assam SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub>, 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 Assam SPCB. The Regional Office of this Ministry / CPCB / Assam SPCB shall monitor the stipulated conditions.
- xii. The environmental 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 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 Assam SPCB 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. ✓

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

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

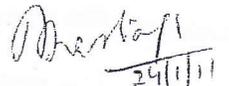
9.0 The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules



**(Dr. P. B. Rastogi)**  
Director

Copy to :

1. Chairman, Assam Pollution Control Board, Bahunimatram, Assam, Guwahati.
2. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032.
3. The Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (Northeast Eastern Regional Office, Uplands Road, Laitumkhrah, Shillong – 793003, Meghalaya.
4. Advisor (IA-II), Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
6. Guard File.
7. Monitoring File.
8. Record File.



**(Dr. P. B. Rastogi)**  
Director

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Government of India  
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CGO Complex, Lodhi Road  
New Delhi - 110 003

E-mail : [epa@moef.gov.in](mailto:epa@moef.gov.in)

Telefax : 011:24367668

Dated 16<sup>th</sup> January, 2012

To,

The General Manager (PROD-Oil) I/C  
M/s Oil India Limited P.O.: Duliajan, Dibrugarh,  
Assam - 786 602, India

E-mail: [epa@moef.gov.in](mailto:epa@moef.gov.in) / [epa@oilindia.com](mailto:epa@oilindia.com) : Fax No. : 0374 - 2804888

Subject : Setting up of Secondary Tank Farm (STF) at Naoholia, District Dibrugarh, Assam by M/s Oil India Ltd. (OIL) - Environmental Clearance reg.

Ref. : Your letter no. PDNO:2/10/1.00-544; dated 10<sup>th</sup> September, 2011.

Sir,

Kindly refer your letter dated 10<sup>th</sup> September, 2011 alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report and Public hearing report on the above mentioned subject and subsequent correspondence vide letter dated 20<sup>th</sup> December, 2010, and 10<sup>th</sup> September, 2011.

2.0 The Ministry of Environment & Forests has examined your application. It is noted that proposal is for installation of Secondary Tank Farm (STF) in Tengakhat-Nahorkatiya-Jorajan (TNJ) Area, District Duliajan, Dibrugarh, Assam to handle additional Crude Oil production. Total project cost is Rs 374.50 Crores. Borajan Wildlife Sanctuary is located within 10 Km. No rehabilitation & resettlement is involved. Total land requirement is 24.447 ha. Following facilities will be installed:-

- Crude Oil Storage Tanks: Six nos. of Floating roof tanks of total capacity 40,000 KL (2X 10,000 KL + 4X 5000 KL) will be installed for storage of crude oil.
- Crude Oil Dehydration Unit: the Crude Oil Dehydration Facility will have a design capacity of 10,000 KLPD. It will comprise of :
  - Electrostatic Emulsion Treaters of economic size complete with all accessories, instrumentation and control systems.
  - Natural gas fired glycol/water bath type indirect heaters.
- Gas Engine driven Generating Sets: 3 nos. (2 nos. working + 1 no standby) of 1 MW capacity Gas Engine driven Generating Sets.

- Steam Generating Units.
- Crude Oil pipeline Network: 300 mm NB crude oil suction and delivery lines between STF and CTF will be provided for receiving wet crude oil from STF and dispatch of dry crude oil to CTF.

3.0 Stack of adequate height will be provided to steam generator and gas engine driven power generating set. Fresh water requirement from ground water source will be 20 m<sup>3</sup>/day. Formation water produced during dehydration in Electrostatic Emulsion Treatment (EET) will be treated in effluent treatment plant (ETP) to meet standards for re-injection into disposal wells (O & G 10 mg/l; and TSS 100 mg/l). Treated formation water will be reinjected in disposal wells at a depth between 1000m to 1500 m. Tank bottom sludge will be stored in a secured covered impermeable concrete sludge pit and treated in oily sludge treatment facility.

4.0 The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 83<sup>rd</sup>, 15<sup>th</sup> and 28<sup>th</sup> meetings held during 14<sup>th</sup>-16<sup>th</sup> July, 2008, 22<sup>nd</sup>-23<sup>rd</sup> October, 2010 and 20<sup>th</sup>-21<sup>st</sup> October, 2011 respectively.

5.0 All the projects related to offshore and onshore Oil and Gas exploration, development and production are listed in para 1(b) of schedule of EIA Notification, 2006 covered under category 'A' and appraised at centre level.

6.0 Public hearing was conducted on 7<sup>th</sup> July, 2011.

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

**A. SPECIFIC CONDITIONS :**

- i. All the specific conditions and general conditions specified in the earlier environmental clearance letter accorded vide Ministry's letter no. 11011/413/2008-IA-II dated 24<sup>th</sup> January, 2011 shall be implemented.
- ii. Prior clearance from the National Board for Wildlife regarding Borajan Wildlife Sanctuary shall be obtained and no construction work at the site shall be started without prior permission.
- iii. The flare system shall be designed as per good oil field practices and Oil Industry Safety Directorate (OISD) guidelines. The stack height shall be provided as per the regulatory requirements and emissions from stacks will meet the MOEF/CPCB guidelines. Low pressure/ very low pressure gas shall be flared in the non-luminous type Ground Flare Pit.
- iv. The gaseous emissions from gas engine driven generating sets and steam generator shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the GG sets to mitigate the noise pollution.

- v. Steps shall be taken to minimise fugitive emissions. Monitoring of fugitive emissions shall be carried out as per guidelines of CPCB by fugitive emissions detector and report shall be submitted to the Ministry' Regional Office at Shillong. Continuous hydrocarbon detecting system shall be installed in the tank farm area.
- vi. Ambient air quality shall be monitored near the closest human settlements as per the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 for PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO, CH<sub>4</sub>, HC, Non-methane HC etc.
- vii. Fresh water requirement from ground water source shall not exceed 20 m<sup>3</sup>/day and prior permission shall be obtained from the concerned authority.
- viii. As proposed formation water shall be treated in the effluent treatment plant to meet limits for reinjection into disposal wells (O & G 10 mg/l; TSS 100 mg/l). Treated effluent quality shall be monitored regularly and conform to the norms prescribed by the CPCB/APCB from time to time.
- ix. No effluent shall be discharged out side the unit premises and zero effluent discharge concept shall be adopted.
- x. Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond. Oily water shall be treated in oil-water separator to remove oil.
- xi. Oily sludge treatment facility shall be developed as per CPCB guidelines. Unit shall explore the possibility to install closed type oily sludge treatment facility for oil reclamation. Residue after treatment shall be handled, stored and disposed as per CPCB guidelines, preferably by bio-remediation. Bio remediation facility shall be designed in such a way that leachate is avoided as well as mixing of rainwater.
- xii. The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from APCB shall be obtained for disposal of solid / hazardous waste in the TSDF. Measures shall be taken for fire fighting facilities in case of emergency.
- xiii. Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/contamination, action plan shall be prepared to clean the site by adopting proven technology.
- xiv. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented. Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill shall be conducted once in a month.
- xv. All the recommendations mentioned in the EMP/DMP shall be implemented.
- xvi. Green belt shall be developed in 33% of total plot area. Selection of plant species shall be as per the CPCB guidelines.

- xvii. All the issues raised during the public hearing/consultation meeting held on 7<sup>th</sup> July, 2011 shall be satisfactorily implemented.
- xviii. Company shall prepare project specific environmental manual and a copy shall be made available at the STF site for the compliance.
- xix. Company shall adopt Corporate Environment Policy as per the Ministry's O.M. No. J-11013/41/2006-IA.II (I) dated 26<sup>th</sup> April, 2011 and implemented.
- xx. Company shall have own Environment Management Cell having qualified persons with proper background. Full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.
- xxi. Under Corporate Social Responsibility (CSR), sufficient budgetary provision shall be made for health improvement, education, water and electricity supply etc. in and around the project.
- xxii. Good sanitation facility shall be provided during construction phase. Domestic sewage shall be disposed off through septic tank/ soak pit.
- xxiii. Company shall prepare operating manual in respect of all activities. It shall cover all safety & environment related issues and system. Measures to be taken for protection. One set of environmental manual shall be made available at the pipeline project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office.

#### **B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the Assam Pollution Control Board (APCB), 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 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).
- v. 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.

vi. 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 APCB. The criteria pollutant levels namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, HC (Methane & Non-methane), CO (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.

vii. 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 APCB. The Regional Office of this Ministry / CPCB / APCB shall monitor the stipulated conditions.

viii. The environmental 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 alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.

ix. 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 APCB 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.

x. 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.

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 Wastes (Management and Handling) Rules, 2003 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules

(Dr. P. B. Rastogi)  
Director

Copy to:

1. Principal Secretary, Department of Environment & Forest, Govt. of Assam, Guwahati, Assam.
2. The Chief Conservator of Forests, Regional Office (North-East Zone, Shillong) Upland Road, Laitumhran Shillong-793003.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Assam Pollution Control Board, Bamunimaidam, Guwahati – 21 Assam.
5. Adviser, IA II(I), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File/Monitoring File/Record File.

(Dr. P. B. Rastogi)  
Director

*MSO/CEPO(GT)*

F. No. J-11011/413/2008- 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 : [aditya.narayan@nic.in](mailto:aditya.narayan@nic.in)**

**Telefax : 011: 2436 549**

**Dated 20<sup>th</sup> September, 2012**

To,

Shri A. Buragohain,  
General Manager (PROD-Oil) I/C  
M/s Oil India Limited, P.O. Duliajan  
Dibrugarh-786 602, Assam

**Email : [lahiri\\_joydev@yahoo.co.in](mailto:lahiri_joydev@yahoo.co.in) ; [safety@oilindia.in](mailto:safety@oilindia.in); [ecpldelhi@rediffmail.com](mailto:ecpldelhi@rediffmail.com);**  
**Fax No.: 0374-2804888**

**Subject: Setting up of Four Development Projects viz. (1) Oil Collecting Station (OCS) at Bhogpara; (2) Augmentation of Capacity of Intermediate Tank Farm (ITF) at Tengakhat; (3) New Browser Unloading Station (BUS) at Makum & (4) Hapjan-Savitri Crude Oil Pipeline in Tengakhat-Naharkatia-Jorajan (TNS) area District Dibrugarh and Tinsukhia, Assam by M/s Oil India Limited (OIL) – Amendment reg.**

**Ref. : (i) Ministry's letter of even no. dated 24<sup>th</sup> January, 2011.**  
**(ii) Your letter no. OIL/CORP/EC-ITF/MOEF/030 dated 13<sup>th</sup> December, 2011.**

Sir,

This has reference to your letter dated 13<sup>th</sup> December, 2011 regarding change in environmental condition in respect of total storage capacity of the oil tank and further attention is invited to Ministry's letter no J-11011/413/2008- IA II (I) dated 24<sup>th</sup> January, 2011. Following amendment may be made in the Ministry's letter no. J-11011/413/2008- IA II (I) dated 24<sup>th</sup> January, 2011:

Para 6.0; A SPECIFIC CONDITIONS, S.N. Viii:

**For:**

"Total storage capacity of the oil tanks shall not exceed 40,000 KL after expansion. Capacity of the each of the storage tank shall not exceed 5,000 KL. Instead of fixed roof tanks, floating roof tanks shall be provided."

**Read:**

"Total storage capacity of the oil tanks shall not exceed 40,000 KL after expansion. Capacity of the each of the storage tank shall not exceed 20,000 KL. Instead of fixed roof tanks, floating roof tanks shall be provided."

2.0 All other conditions will remain unchanged.

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3.0 You are also requested to keep this letter with the environmental clearance accorded vide letter no. J-11011/413/2008- IA II (I) dated 24<sup>th</sup> January, 2011.

4.0 This has been issued with the prior approval of Competent Authority.

*Asi*

**(A N Singh)**  
**Dy. Director**

1. Chairman, Assam Pollution Control Board, Bahunimatram, Assam, Guwahati.
2. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032.
3. The Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (Northeast Eastern Regional Office, Uplands Road, Laitumkhrach, Shillong – 793003, Meghalaya.
4. Joint Secretary (IA-II), Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
6. Guard File.
7. Monitoring File.
8. Record File.

**(A N Singh)**  
**Dy. Director**