

इंडियन ऑयल कॉर्पोरेशन लिमिटेड

पाइपलाइन्स प्रभाग : ए-1, उद्योग मार्ग,

सेक्टर-1, नोएडा-201 301 (उ.प्र.)

**Indian Oil Corporation Limited**

Pipelines Division : A-1, Udyog Marg,  
Sector-1, NOIDA-201 301 (U.P.)

फोन Phone : 91-120-2448644, 2448688

फैक्स } 91-120-2448031 (Vig), 2448021 (CC/T&D), 2448022 (HR/A&W),

Fax } 2448023 (Fin/MS), 2448024 (Mat), 2448026 (Elect & Moni),

2448027 (Sys/Civil/TS/S&EP/Insp/MS), 2448028 (PJ/Mech/T&I),

2448029 (Maint/P&C), 2448921 (IA)



पाइपलाइन्स प्रभाग  
Pipelines Division

PL/PJ/MON/Integrated Offshore-Paradip/8.2

Dated: 1.6.2012

**The Chief Conservator of Forests (Central),  
Ministry of Environment & Forests,  
Regional Office, (EZ),  
A/3, Chandrasekharpur,  
PO Rail Vihar,  
Bhubaneswar – 751 023**

Subject: Six Monthly Compliance Report on Environment & Forest : Integrated Offshore  
Crude Handling Facilities Project at Paradip.

Dear Sir,

Six Monthly Compliance Report for the period from **December 2011 to May 2012** on Environment & Forest pertaining to 'Integrated Offshore Crude Handling Facilities Project at Paradip' is enclosed & marked as annexure "I" for your kind perusal.

Thanking you.

Yours faithfully

(U.K. Dhoot)

**Dy. General Manager (PJ-Monitoring)**  
Ph: 0120-2448601/ Fax: 2448026

Encl.: As above

पंजीकृत कार्यालय : ली-9, अली यावर जंग मार्ग, बान्द्रा (पूर्व), मुंबई- 400 051 (भारत)  
Regd. Office : G-9, A1 Yavar Jung Marg, Bandra (East), Mumbai- 400 051 (India)

1. The Chairman,  
Odisha State Coastal Zone Management Authority,  
Odisha Secretariat,  
Bhubaneswar - 751001.
2. The Chairman  
Central Pollution Control Board  
Parivesh Bhawan, CBD cum Office Complex  
East Arjun Nagar, New Delhi - 110032
3. The Chairman  
Odisha Pollution Control Board  
A/118, Nilakantha Nagar,  
Bhubaneswar- 751 012
4. Director (EI),  
Ministry of Environment and Forests  
Paryavaran Bhavan,  
CGO Complex  
N. Delhi -110003
5. ED, ERPL, Kolkata
6. GM, PRRPL, Bhubaneswar
7. DGM(Offshore)- PLHO/Paradip

**Annexure-I**

**Six Monthly Compliance Report on Environment & Forest:  
Integrated Offshore Crude Handling Facilities at Paradip (As on 31.5.2012)  
(Ref :MoE&F's approval letter no. 11-144/2010-IA-(III) dated 13.5.2011)**

SL. No.	CONDITION STIPULATED	REMARKS
<b>A. SPECIFIC CONDITIONS:</b>		
i)	'Consent for Establishment' shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at site.	'Consent for Establishment' obtained from Odisha State Pollution Control Board has been submitted vide our letter ref. PL / PJ / MON / Integrated Offshore-Paradip / 8.2 dated 7.12.11.
ii)	It is to be ensured that the proposed activity shall not cause any disturbance to the Fishing activity.	Advanced construction methodology has been adopted to ensure no disturbance to the fishing activities.
iii)	The facilities available at the existing pollution control vessel 'Kali' with the port must be suitably augmented to accommodate additional load arising out of the proposed development.	Actions have been taken to suitably augment the pollution control measures in line with Coast Guard recommendations.
iv)	A Disaster Management Plan duly approved by national Coast Guard authorities shall be obtained before commissioning of the project.	Complied.
v)	The smooth and safe operation of the system will be ensured by incorporating a computerized SCADA (Supervisory Control And Data Acquisition) system. Any leakage in the pipeline shall be immediately detected by the Computer System and product pumping shall be immediately cut off.	Complied.
vi)	Regular patrolling of the pipeline needs to be done. This will help in identifying any activity that have the potential to cause pipeline damage or to identify small leaks whose effects are too small to be detected by instrument.	This shall be complied once the project is commissioned.
vii)	Proponent shall confirm that no underwater blasting will be required for burying the sub-sea pipeline and if in the affirmative, details of methodology to be adopted for underwater blasting shall be provided together with appropriate modeling study for approval.	No underwater blasting was required for burying the sub-sea pipeline.
viii)	A plan showing the existing land use in the proximity of the proposed tank farms be supplied to the Ministry to ensure no adverse impact at times of accidental fire and associated hazards.	No new tank-farm or construction of additional storage tanks in the existing tank-farm is envisaged under this project and thus existing land use in the proximity of the existing tank farm is not expected to alter upon commissioning of the facilities under this project.

SL. No.	CONDITION STIPULATED	REMARKS
ix)	As the proposed facilities are stand alone facilities, separate fire fighting facilities shall be put in place instead of putting too much reliance on the existing facilities of the Port. The approval of the competent authority shall be obtained for adequacy of fire fighting equipments, etc.	Requisite fire fighting facilities shall be kept in place in adherence to the safety norms as per defined standards. Approval of competent authority shall be obtained for adequacy of fire fighting facilities, prior to commissioning.
x)	Monitoring and inspection system of the sub-sea pipeline, SPM facilities and underwater installations shall be submitted to the Ministry within 3 months.	Monitoring & inspection of sub-sea pipeline, SPM facilities and underwater installations shall be carried out as per OCIMF guidelines and Standard Operating & Maintenance practices.
xi)	The project shall be carried out as per international standards in vogue and duly certified by competent authorities before commissioning.	Approvals from OISD & CCoE have been obtained for start of construction activities. Clearances from them shall be obtained prior to commissioning of the facilities also.
xii)	A copy of approval of the port authorities for the project shall be submitted to the Ministry within 3 months.	Submitted vide letter ref. PL / PJ / MON / Integrated Offshore-Paradip / 8.2 dated 7.12.2011.
xiii)	Oil Spill Contingency Management Plan shall be put in place along with the dedicated staff to deal with Oil spill in and around the port area shall be provided in the port. No oily wastes shall be discharged into the water bodies/mangrove areas.	Upgraded disaster management plan has been made available to Coast Guard and all other concerned.
xiv)	All the recommendation of the EMP, DMP shall be complied with letter and spirit.	Shall be complied with.
xv)	Markers should be installed at every 30 m to indicate the position of the pipeline.	Markers shall be installed to indicate position of the pipeline.
xvi)	It shall be ensured that there is no displacement of people or houses as a result of the project.	No displacement of people or houses has taken place for the project.
xvii)	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Complied.

SL. No.	CONDITION STIPULATED	REMARKS
xviii)	The project proponent shall set up separate environment management cell for effective implementation of the stipulated environmental safeguards under supervision of a Senior Executive.	IOCL has a Safety & Environment Management Cell which monitors the implementation of all stipulations. Following senior executives carry out management and monitoring functions : 1. Dy. G.M (Off-shore) Indian Oil Corporation Ltd Paradip Off-shore Project Abhaychandrapur, Paradip Dist. Jagatsinghpur Odisha- 754142 2. Dy. G.M (PJ-Offshore) Indian Oil Corporation Ltd A-1, Udyog Marg, Sector-1 Noida- 201 301 (U.P).
xix)	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purpose.	All facilities required for an effective Environment Management plan have been envisaged under project and executed. Further during operation, specific funds are provided every year to take care of Environment Management Plan.
<b>B. General Conditions:</b>		
i)	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied.
ii)	Full support shall be extended to the officers of this Ministry/Regional Office at Bhubaneswar by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Being complied.
iii)	A six monthly monitoring report shall be submitted by the project proponent to the Regional Office of this Ministry at Bhubaneswar regarding implementation of the stipulated conditions.	Being complied.
iv)	Ministry of Environment & Forest or any other competent authority may stipulate any additional condition or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	Agreed & shall be complied with.
v)	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Noted and agreed.
vi)	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 and Forests.	Noted and agreed.

SL. No.	CONDITION STIPULATED	REMARKS
vii)	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.	Financial closure is not applicable. Date of final approval of the project is 30.12.2009. Construction work commenced in June 2011 and is in progress.
viii)	A copy of 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.	Done.
ix)	State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tehsildar's office for 30 days.	Done.
x)	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 EIA Notification 1994, including the amendments and rules made thereafter.	Noted.
xi)	All the other statutory clearances 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 from the respective competent authorities.	Requisite statutory clearances from Chief Controller of Explosives and forest clearance under Forest Conservation Act 1980 have been obtained. Other clearances as required prior to commissioning of the project shall also be obtained.
x-i)	The project proponent shall 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 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 and Forests 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 Bhubaneswar.	This has been complied with. Copy of press release has been submitted vide letter ref. PL / PJ / MON / Integrated Offshore-Paradip / 8.2 dated 7.12.2011.
x-ii)	Environmental 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.	Noted and agreed.
x-iv)	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Shall be complied.

Sl. No.	CONDITION STIPULATED	REMARKS
xv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoE&F, the respective Zonal Office of CPCB and the SPCB.	Being complied.
xvi)	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 Environmental (Protection) Rules 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoE&F by e-mail.	Shall be complied subsequent to commencement of operation of the facility.