

Date: 30th May 2022

Ref: 52/30052022/SHPPL/MP/MoEF&CC

**The Additional Principal Chief Conservator of Forests (APCCF)
Ministry of Environment, Forests and Climate Change,
Regional Office (Western Region),
Kendriya Paryavaran Bhawan,
Link Road No.3, E-5, Ravi Shankar Nagar,
Bhopal-462016**

Sub: Shahdol - Phulpur Pipeline project in Madhya Pradesh and Uttar Pradesh – Six monthly compliance report for the period October'21 to March'22

Ref: J-11011/12/2013-IA- (II) – I dated 26th March 2015

Dear **Sir**

In compliance to the conditions stipulated in the Environmental Clearance for the project referred above, half yearly compliance report for the reporting period (October'21 to March'22) is herewith enclosed.

Thanking You

Yours faithfully
For **Reliance Industries Limited**

Sunil Kumar Singh
Digitally signed by
Sunil Kumar Singh
Date: 2022.05.30
17:16:20 +05'30'

Sunil Kumar Singh
Chief S&OR

Encl: As above

Cc:

Member Secretary,
Central Pollution Control Board,
Parivesh Bhawan; CBD cum Office Complex
East Arjun Nagar, Delhi-110 032

Member Secretary,
Madhya Pradesh Pollution Control Board,
Paryawaran Parisar, E-5 Arera Colony,
Bhopal-462 016

Regional Officer
Madhya Pradesh Pollution Control Board
By Pass Chowk, Budhar Road, Gortara,
Shahdol 484001 (M.P.)

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Shahdol-Phulpur Pipelines Project of Reliance Gas Pipelines Limited (RGPL)
EC No. J-11011/12/2013-IA II (I) dated 26-Mar-2015

15th SIX MONTHLY ENVIRONMENT CLEARANCE COMPLIANCE STATUS REPORT

A: Specific Conditions

Sr. No.	Conditions	Compliance Status
A.i.	Prior clearance under the Wildlife (Protection) Act, 1972, shall be obtained from the Standing Committee of the National Board for Wildlife as the pipeline project passes through Songhariyal sanctuary.	Complied. Permission from Chief Wildlife Warden and PCCF (Wildlife), Madhya Pradesh obtained vide letter no. Wildlife/2015/Phulpur GasPipeline/2551 dated 09.04.2015. Copy submitted along with the six monthly EC compliance report vide letter no. SHPPL/EC/Compliance/01/2015 dated 01.06.2015.
A.ii.	Forest clearance for the forest land involved in the pipeline project shall be obtained.	Complied. Forest Clearance obtained for diversion of 37.493 ha forest land for laying of Shahdol – Phulpur Gas Pipeline from Ministry of Environment, Forest & Climate Change. Stage I Forest clearance vide letter no. 6-MPC054/2014 BHO/185 dated 16.02.2015. Stage II Forest clearance vide letter no. 6-MPC054/2014 BHO/236 dated 11.03.2016. Forest clearance from Uttar Pradesh vide letter no. 8B/9/80/2014/FC/12 dated 10.04.2015. Copies of permission submitted along with the six monthly EC compliance report vide letter no. SHPPL/EC/Compliance/03/ 2016 dated 01.06.2016.
A.iii.	The project authority i.e. M/S Reliance Gas Pipeline shall ensure restoration of the Right of Way to preconstruction level as soon as construction activity completed. To ensure prevention of soil erosion, backfilled areas should be properly compacted.	Complied. The land has been restored to near original conditions. Photographs of restoration submitted along with the six monthly EC compliance report vide letter no. SHPPL/EC/Compliance/04/2016 dated 01.12.2016.

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Sr. No.	Conditions	Compliance Status
A.iv.	The design, material of construction, assembly, inspection, testing and safety aspects of operation and maintenance of pipeline and transporting the natural gas shall be governed by ASME/ANSI B 31.8/B31.4 and OISD standard 141.	Complied. The design, materials of construction, assembly, inspection, testing and safety aspects of operations and maintenance of pipeline and transporting the natural gas is being governed by ASME/ANSI B 31.8 and OISD standards.
A.v.	Annual safety audit shall be carried out for the initial three years by an independent agency and report submitted to this Ministry for ensuring the strict compliance of safety regulations on operation and maintenance.	Complied. Last External Annual Safety Audit conducted by M/s. Bureau Veritas is submitted to the Ministry along with the six monthly EC compliance report vide letter no. 62/30112021/SHPPL/MP/MoEF&CC dated 30.11.2021. All recommendations of external safety audit are complied with.
A.vi.	The construction of pipeline particularly at the river and stream crossing shall be done during dry seasons to avoid disturbance of breeding seasons and soil erosion. The riverbed, embankments and / dykes shall be restored adequately after installation of crossings.	Complied. The construction of pipeline at the river and stream crossing has been done during dry seasons for avoiding disturbance to breeding seasons and soil erosion. Restoration has been done.
A.vii.	Pipeline wall thickness and minimum depth of burial at river crossing and casings at rails, major road crossing shall be in conformity with ANSI/ASME requirements.	Complied.
A.viii.	The company shall follow horizontal drilling technique for laying of pipeline while passing through major rivers.	Complied. Horizontal drilling technique has been used for laying of pipeline at major rivers crossings (Ganga, Son and Belan).

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Sr. No.	Conditions	Compliance Status
A.ix.	The project authorities shall install SCADA system with dedicated optical fiber based telecommunication link for safe operation of pipeline and Leak Detection System. Additional sectionalizing valves in the residential areas and sensitive location shall be provided to prevent the leaking of gas going to the atmosphere in the event of pipeline failure. Intelligent pigging facility shall be provided for the entire pipeline system for internal corrosion monitoring. Coating and impressed current cathodic protection system shall be provided to prevent external corrosion.	Complied. SCADA system with dedicated optical fiber based telecommunication link for safe operation of pipeline and Leak Detection System has been installed. Intelligent pigging facility is available for the entire pipeline system.
A.x.	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 as envisaged in the EMP. Pearson survey and continuous potential survey shall be carried out at regular intervals to ensure the adequacy of cathodic protection system.	Complied. Pipeline patrolling and inspection is carried out periodically as per below mentioned SOP's: - 1. SOP (DOC. NO. RGPL-SHPPL-O&M-PL-SOP-0016) for line walk, road patrolling / leakage survey. 2. SOP (DOC. NO. RGPL-SHPPL-O&M-PL-SOP-0013) for pipeline coating health monitoring. These SOPs are submitted along with six monthly EC compliance report vide letter no. SHPPL/EC/Compliance/04/2016 dated 01.12.2016.
A.xi.	All the recommendations mentioned in the risk assessment report shall be implemented.	Complied. All the recommendations mentioned in the quantitative risk assessment of EIA report have been implemented. Status is attached as Annexure II .
A.xii.	All the issues raised during the public hearing / consultation meetings held on 07 th August, 2013 for Rewa district, 12 th August, 2013 for Sidhi district, 14 th September, 2013 for Allahabad district and 23 rd August, 2013 for Shahdol district shall be satisfactorily implemented.	Complied. All the issues raised during the public hearing / consultations have been satisfactorily implemented.

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Sr. No.	Conditions	Compliance Status
A.xiii.	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented. It is necessary that integrated DMP should be in place as the pipeline is passing through four Districts.	Complied. 1. Approval for laying and commissioning of pipeline (16" dia X 302 Km long natural gas pipeline) obtained from Chief Controller of Explosives vide permission no. P2(4)910 dated 10/11/2014 and P-2(4)910 dated 09/03/2016 respectively. Copy submitted along with Six Monthly EC compliance report vide letter no. SHPPL/EC/Compliance/04/2016 dated 01.12.2016. 2. Emergency Response and Disaster Management Plan (ERDMP) is prepared and implemented. 3. Mutual-aid plan is integrated in the DMP. ERDMP has been already submitted along with six monthly EC compliance report vide letter no. SHPPL/EC/Compliance/09/2019 dated 23.05.2019.
A.xiv.	The acoustic chambers / barriers should be provided for individual units wherever feasible in the compressor station.	Complied. The acoustic chambers / barriers have been provided for Compressor Station.
A.xv.	The workers camp should have arrangement for safe drinking water, hygienic kitchen and sanitation facilities. The wastewater should be properly treated before disposal.	Complied. Safe drinking water, sanitation facilities and other amenities have been provided at the pipeline facilities. Wastewater typically domestic sewage, is disposed off in septic tanks followed by soak pits.

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Sr. No.	Conditions	Compliance Status
A.xvi.	The company shall obtain all requisite clearance for fire safety and explosives and shall comply with the stipulation made by the respective authorities.	Complied. Fire NOC has been obtained from Directorate of Urban Administration Department. Renewed copy is attached as Annexure III .
A.xvii.	Occupational health surveillance of worker shall be done on a regular basis and records maintained as per the factory Act.	Complied. Occupational health surveillance of workers is carried out as per Factories Act and records maintained as per applicable regulations.
A.xviii.	The Company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	Complied. Rainwater harvesting from the rooftops of the buildings has been provisioned. Storm water drains have been provided around the Compressor Station to collect the rain water in pond and recharge the ground water and use the same water for the various activities to conserve fresh water.
A.xix.	At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical break up / details should be prepared and submitted to the Ministry's Regional Office at Chandigarh. Implementation of such program should be ensured accordingly in a time bound manner.	Separate letter has been submitted for clarification. Reliance is committed to our Corporate Social Responsibility (CSR) activities for creating, maintaining and sustaining safe & clean environment of the local people. RGPL has taken up many activities for the up-liftment of nearby community.
B: General Conditions		
B.i.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Governments and any other statutory authority.	Complied. Stipulation of the State Pollution Control Board and other statutory authorities have been complied with and status of CTO is attached as Annexure IV .

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Sr. No.	Conditions	Compliance Status
B.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.	Noted. In case of any alteration/modification/expansion, necessary permissions will be obtained.
B.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.	Complied. Necessary approvals obtained.
B.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. 75dBA (daytime) and 70 dBA (Nighttime).	Complied. Suitable Noise level control measures has been taken in and around the operation area at compressor station to minimize the impact of noise pollution. Acoustic enclosures have been provided at GEG. The ambient noise levels monitoring reports conformed to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (Night time). Latest environment monitoring reports along with Ambient noise level monitoring reports are attached as Annexure V .
B. 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.	Complied.

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Sr. No.	Conditions	Compliance Status
B.vi.	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 SPCB. The Regional Office of this Ministry/ CPCB / SPCB shall monitor the stipulated conditions.	Complied. Six monthly compliance reports for the Environmental Clearance issued by MoEF&CC is being submitted as per time schedule. The 15 th compliance report is being submitted herewith. Latest monitoring reports are attached as Annexure V .
B.vii.	The environmental statement for each financial year ending 31 st 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 environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.	Complied. Environmental Statement for the financial year 2020-21 submitted to concerned Regional Offices of Madhya Pradesh and Uttar Pradesh Pollution Control Boards. Acknowledgement Copy is attached as Annexure VI .
B.viii.	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 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.	Complied. Published in Nav Bharat Times (Hindi) dated 01.04.2015 and The Times of India (English) dated 02.04.2015 in Madhya Pradesh and in Hindustan (Hindi) and Hindustan Times (English) dated 31.03.2015 in Uttar Pradesh. The copies of newspapers has been submitted along with the six monthly EC compliance reports vide letter no. SHPPL/EC/Compliance/02/2015 dated 01.12.2015.
B.ix.	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.	Complied. Communicated to MoEF&CC Regional Office vide our letter no. SHPPL/EC/Compliance/01/2015 dated 01.06.2015.