

Half Yearly Compliance Report**2024****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

Proposal Name	ONGC Limited - Environment Clearance for Onshore development and production of oil and gas from 72 wells in East Godavari, West Godavari and Krishna Districts of Andhra Pradesh.		
Name of Entity / Corporate Office	ONGC Limited Rajahmundry Asset		
Village(s)	N/A		
District	EAST GODAVARI		
Proposal No.	IA/AP/IND2/27956/2015	Category	Industrial Projects - 2
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	ANDHRA PRADESH	Entity's PAN	*****1598A
MoEF File No.	JJ-11011/173/2015-IA-II(I)	Entity name as per PAN	OIL AND NATURAL GAS CORPORATION LIMITED

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	
Reporting Period	01 Dec(01 Apr - 30 Sep)

Details of Production and Project Area

Name of Entity / Corporate Office ONGC Limited Rajahmundry Asset

	Project Area as per EC Granted	Actual Project Area in Possession
Private	324	324
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	324	324

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Development drilling of wells for extraction of oil and gas	Others:AU	N/A	72 WELLS	16	

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	WASTE MANAGEMENT	Oil content in the drill cuttings shall be monitored by some Authorized agency and report shall be sent to the Ministry's Regional Office.
PPs Submission: Complied Oil content in the drill cuttings monitored by engaging third party. Test Report is attached here.		Date: 28/11/2024
2	MISCELLANEOUS	An audit shall be done to ensure that the Environment Management Plan is implemented in totality and report shall be submitted to the Ministry's Regional Office.
PPs Submission: Complied Various internal and external audits are being done and observations are complied with to ensure both the Safety and Environment Management is implemented effectively. OISD conducted External Safety Audit of Production Installations, Drilling and Workover Rigs at ONGC, Rajahmundry from 23rd to 27th September, 2024. Observations identified during audit attached here and are being complied.		Date: 29/11/2024
3	Statutory compliance	Consent to Establish/operate for the project shall be obtain from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the water (Prevention and control of Pollution) Act, 1974.
PPs Submission: Complied Necessary Consent to Establish/Operate is being obtained for each well before deployment of Drilling Rig from AP Pollution Control Board.		Date: 27/11/2024
4	AIR QUALITY MONITORING AND PRESERVATION	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guide lines.
PPs Submission: Complied The gaseous emissions is being dispersed through stack of adequate height as per CPCB/SPCB guide lines. Ambient Air Quality Monitoring and DG stack Monitoring is done by accredited consultant.		Date: 28/11/2024
5	MISCELLANEOUS	The project proponent also to ensure tapping/storing of the CO2 generated, if any, during the process and handling.
PPs Submission: Complied Adequate plantation is carried out in and around production installations for tapping/storing of the CO2. During period from Apr24 to Sep24, Total 1900 saplings were planted under the Campaign PLANT4MOTHER at different Installations/Rigs/Workcenters of ONGC Rajahmundry Asset. 200 sapling were planted on World Environment Day 2024. 50 sapling planted under Swachhata Pakhwada.		Date: 28/11/2024
6	Statutory compliance	As proposed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged to any surface water body, sea and/or on land.
PPs Submission: Complied		Date:

At Production Installations The produced water after treatment and conforming to the prescribed standard is being discharged into ED well below 1000 m. At Kesanapalli GGS, treated effluent is disposed into marine as per EPA standards. At Drilling Rigs drill cuttings and drilling mud is collected in HDPE lined pit and also used for filling low-lying areas and laying roads. SOBM based mud and drill cuttings generated during drilling of HPHT wells are sent as it is generated to PCB approved authorized cement industries for Co-processing.		28/11/2024
7	Noise Monitoring & Prevention	The company shall make all arrangements for control of noise from the drilling activity. Acoustic enclosure shall be provided for the DG sets along with the adequate stack height as per CPCB guidelines.
PPs Submission: Complied Complied. All the equipment comes with acoustic enclosure. Also, all the equipment are regularly monitored for noise levels. Also stack height provided as per CPCB guidelines and stacks are being monitored regularly by third party.		Date: 28/11/2024
8	MISCELLANEOUS	The company shall construct the garland drain all around the drilling site to prevent runoff of any Oil containing waste into the nearby water bodies. Separate drainage system shall be created for oil contaminated and non-oil contaminated. Effluent shall be properly treated and treated waste water shall conform to CPCB standards.
PPs Submission: Complied Yes, garland drain is being constructed around the drill site. During drilling, oil is not produced and if oil comes then it is sent to nearest oil installations. Waste pits are HDPE lined to avoid seepage into nearby water bodies. Also 4 no. of mobile ETP's are in operation.		Date: 28/11/2024
9	Human Health Environment	Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules.
PPs Submission: Complied Regular health check-up is being done as per company policy. Complied.		Date: 28/11/2024
10	MISCELLANEOUS	Approach road shall be made pukka to minimize generation of suspended dust.
PPs Submission: Complied Complied		Date: 28/11/2024
11	WASTE MANAGEMENT	Drill cuttings separated from drilling fluid shall be adequately washed and disposed according to HWMH Rules, 2016. No effluent/drilling mud/drill cutting shall be discharged/disposed off into nearby surface water bodies. The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide G.S.R.546(E) dated 30th august, 2005.
PPs Submission: Complied Due care is taken in handling of Drill Cuttings and Drilling Fluid. Disposal of solid waste is as per the statutory guidelines. At Production Installations The produced water after treatment and conforming to the prescribed standard is being discharged into ED well below 1000 m. At Kesanapalli GGS, treated effluent is disposed into marine as per EPA standards. At Drilling Rigs drill cuttings and drilling mud is collected in HDPE lined pit and also used for filling low-lying areas and laying roads. SOBM based mud and drill cuttings generated during drilling of HPHT wells are sent as it is generated to PCB approved authorized cement industries for Co-processing.		Date: 28/11/2024
12	Statutory compliance	Blowout preventer system shall be installed to prevent well blowouts during drilling operations. BOP measures during drilling shall focus on maintaining well bore hydrostatic pressure by proper

		pre-well planning and drilling fluid logging etc.	
PPs Submission: Complied Complied			Date: 28/11/2024
13	MISCELLANEOUS	Company shall have own Environment Management Cell having qualified persons with proper background.	
PPs Submission: Complied A dedicated Health Safety and Environment Section is set up headed by CGM (P) is available for the Asset.			Date: 28/11/2024
14	PUBLIC HEARING	All the commitments made to the public during public hearing/consultation shall be satisfactorily implemented.	
PPs Submission: Complied ONGC is engaged with locals in addressing various issues through various CSR activities.			Date: 28/11/2024
15	Statutory compliance	Restoration of the project site shall be carried out satisfactorily and report shall be sent to the Ministry's Regional Office.	
PPs Submission: Complied Restoration of the project site is carried out as per the "Site Restoration Plan" and is undertaken when the site is abandoned. Copy enclosed.			Date: 28/11/2024
16	Statutory compliance	On completion of drilling, the company has to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.	
PPs Submission: Complied Complied.			Date: 28/11/2024
17	WASTE MANAGEMENT	Necessary authorization required under the hazardous and other wastes (Management and trans-boundary movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the rules shall be strictly adhered to.	
PPs Submission: Complied Provisions contained in the rules are being adhered. Annual Returns of hazardous waste as Form-4 and record of hazardous/other wastes generation and disposal are being maintained in form-3. Both forms are being submitted to APPCB and via email to Regional office MoEFCC.			Date: 28/11/2024
18	MISCELLANEOUS	During exploration, production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/appropriate technology.	
PPs Submission: Complied Multi-Gas detectors are being used at site to check any fugitive emissions.			Date: 28/11/2024
19	Risk Mitigation and Disaster Management	The company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. Possibility of using ground flare shall be explored. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.	
PPs Submission: Complied Necessary measures will be taken as per SOP to prevent fire hazards, containing oil spill and soil			Date:

	remediation as needed.	28/11/2024
20	Risk Mitigation and Disaster Management	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India.
PPs Submission: Complied Complied.		Date: 28/11/2024
21	Statutory compliance	The company shall take measures after completion of drilling process by well plugging and secured enclosures, decommissioning of rig upon abandonment of the well and drilling site shall be restored the area in original condition. In the event that no economic quantity of hydrocarbon is found a full abandonment plan shall be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations.
PPs Submission: Complied Site restoration SOP is available. Complied. Copy enclosed.		Date: 28/11/2024
22	AIR QUALITY MONITORING AND PRESERVATION	Ambient air quality shall be monitored at the nearest 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 PM10, PM2.5, SO2, NOx, CO, CH4, HC, Non-Methane HC etc.
PPs Submission: Complied Ambient Air Quality is monitored regularly by engaging third party. Copy enclosed.		Date: 28/11/2024
23	WATER QUALITY MONITORING AND PRESERVATION	Total fresh water requirement shall not exceed the proposed quantum of 25 cum/day, and prior permission shall be obtained from the concerned regulatory authority.
PPs Submission: Complied Complied. Water is procured through hired tankers.		Date: 28/11/2024
24	Risk Mitigation and Disaster Management	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. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.
PPs Submission: Complied ONGC has Oil Spill Contingency Plan and Spent/Burnt Oil are disposed off to the authorized recyclers. Copy enclosed.		Date: 28/11/2024
25	Risk Mitigation and Disaster Management	The company shall develop a contingency plan for H2S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H2S detectors in locations of high risk of exposure along with self-containing breathing apparatus.
PPs Submission: Complied ONGC has H2S contingency plan and all necessary PPEs are provided to personnel working at sites. Detectors are provided wherever required.		Date: 28/11/2024
26	Statutory compliance	The company shall carryout long term subsidence study by collecting baseline data before initiating drilling operation till the

		project lasts. The data so collected shall be submitted six monthly to the Ministry and Regional office.
<p>PPs Submission: Complied EIA study for EC (Onshore 72 development wells) was done. Earlier it was submitted to MoEFCC through PARIVESH portal 1.0 version. Project Subsidence study being conducted regularly. Last report of 2021 attached.</p>		<p>Date: 28/11/2024</p>
27	Corporate Environmental Responsibility	At least 1.5 percent of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional office.
<p>PPs Submission: Complied ONGC is undertaking various environment related development under various CSR activities in the surrounding villages. Under Corporate Environmental Responsibility 5 MW Solar Power Plant at Tatipaka at the cost of Rs. 24.99 Crores is commissioned. 50 KW roof top solar power plant is commissioned at Asset work shop, Dowlleswaram</p>		<p>Date: 28/11/2024</p>
28	MISCELLANEOUS	Company shall prepare operating manual in respect of all activities, which would cover all safety and environment related issues and measures to be taken for protection. One set of environmental manual shall be made available at the drilling site/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. Remote monitoring of the site should be done.
<p>PPs Submission: Complied Standard Operating Procedures are available for all operational activities. Environment chapter is the part of consolidated HSE Manual of ONGC. Awareness with respect to the safety and environment are regularly created at each level of management. All monitoring reports are available at site office and also base office.</p>		<p>Date: 28/11/2024</p>
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the Andhra State Pollution Control Board and the State Government.
<p>PPs Submission: Complied Stipulations made by the Andhra State Pollution Control Board and the State Government being followed.</p>		<p>Date: 28/11/2024</p>
2	Statutory compliance	The locations of ambient air quality monitoring stations shall be decided in consultation with the SPCB and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
<p>PPs Submission: Complied Ambient Air Quality Monitoring is being done by engaging third party.</p>		<p>Date: 28/11/2024</p>
3	Statutory compliance	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment and 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.
PPs Submission: Complied Shall be complied.		Date: 28/11/2024
4	Statutory compliance	The National Ambient Air Quality Emission Standards issued by the Ministry vide GSR No. 826 dated 16th November, 2009 shall be complied with.
PPs Submission: Complied Complied. Test reports of Ambient Air Quality Monitoring are meeting the NAAQ emission standards.		Date: 28/11/2024
5	Statutory compliance	The company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
PPs Submission: Complied Rainwater Harvesting is adopted in all buildings of various work centres of ONGC Rajahmundry Asset.		Date: 28/11/2024
6	Statutory compliance	A copy of the clearance letter shall be sent by the project 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.
PPs Submission: Complied The EC letter is submitted initially to all concerned. The clearance letter also put on ONGC website www.ongcindia.com.		Date: 28/11/2024
7	Statutory compliance	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/committee and may also be seen at Website of the Ministry at http://moef.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 concerned Regional Office of the Ministry.
PPs Submission: Complied The EC letter is published in the News Papers both in English and Telugu languages for the information to all concerned. The clearance letter is also put on ONGC website.		Date: 29/11/2024
8	Statutory compliance	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 (night-time).
PPs Submission: Complied Except 1 m around the High noise area, the noise levels are within the permissible limits. Personnel having intermittent exposure to 1 m radius of high noise are protected with ear muffs. The resultant exposure to noise levels is within the permissible limits. Noise monitoring is carried out by engaging accredited consultant.		Date: 28/11/2024

9	MISCELLANEOUS	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.
PPs Submission: Complied ONGC is committed for taking up environmental protection measures and safeguards as proposed and complying with all the recommendations made in EIA/EMP.		Date: 28/11/2024
10	MISCELLANEOUS	The company shall undertake all measures for improving socioeconomic conditions of the surrounding area. ESC activities shall be undertaken by involving local villagers, administration.
PPs Submission: Complied ONGC is undertaking various CSR activities in the surrounding villages keeping in view for the improvement of socio-economic conditions.		Date: 28/11/2024
11	Statutory compliance	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the MoEFCC 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.
PPs Submission: Complied Adequate funds both recurring and non-recurring available to implement the conditions stipulated by the Ministry of Environment and Forests.		Date: 28/11/2024
12	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEFCC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance ad six monthly compliance status report shall be posted on the website of the company.
PPs Submission: Complied This compliance report is being uploaded online on PARIVESH portal.		Date: 29/11/2024
13	Statutory compliance	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 clearance conditions and shall also be sent to the respective Regional Offices of MoEFCC by e-mail.
PPs Submission: Complied Environment statement (Form-V) for financial year 2023-24 has been submitted to APPCB. Record of hazardous/other wastes generation and disposal are being maintained in form-3 and annual return filing is being done in form-4. Both forms are being submitted to APPCB and via email to Regional office MoEFCC.		Date: 28/11/2024
14	Statutory compliance	The 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 start of the project.

PPs Submission: Complied ONGC intimates DGMS and district authorities in stipulated formats during the opening and closing of mines as per Oil Mines Regulations-2017.		Date: 28/11/2024
15	MISCELLANEOUS	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
PPs Submission: Complied ONGC is undertaking various eco-development CSR activities in the surrounding villages such as provision of Safe drinking water, tree plantation etc.		Date: 28/11/2024
16	MISCELLANEOUS	Training shall be imparted to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
PPs Submission: Complied Mines Vocational Training is imparted to all employees on all safety and health related topics. Also PME is undertaken on regular basis for all the employees.		Date: 28/11/2024
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
<p style="text-align: center;">Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p>		