

**राजस्थान क्षेत्र**

ऑयल हाउस, 2-ए, डिस्ट्रीक्ट शॉपिंग सेन्टर,  
सरस्वती नगर, बासनी,  
जोधपुर-342 005, राजस्थान, भारत  
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जी.एस.टी.सं. : 08AAACO2352C1ZX  
सी.आई.एन. : L11101AS1959GO1001148

**ऑयल इंडिया लिमिटेड**

(भारत सरकार का उद्यम)

**Oil India Limited**

(A Government of India Enterprise)

**Rajasthan Field**

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GST No. : 08AAACO2352C1ZX  
CIN : L11101AS1959GO1001148

Ref.No. R/S&amp;E/E-7/082/2023

Date: 16.01.2024

**Regional Officer of MoEF&CC,  
Integrated Regional Office,  
Ministry of Environment, Forest and Climate Change,  
Government of India  
A-209 & 218, Aranya Bhawan,  
Jhalana Institutional Area,  
Jaipur 302004**

**Sub: Six monthly compliance report for Exploratory Drilling of  
onshore oil and gas exploration, District Jaisalmer, Rajasthan  
by M/s Oil India limited - Environmental Clearance reg.**

**Ref: F. NoF1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.1 (b) B2 (19502)/  
2019-20 Dated 23.07.2021**

With reference to above, please find enclosed herewith the six-monthly compliance report of environmental clearance (**Exploratory Drilling of onshore oil and gas exploration**) for the period 31.03.2023 to 30.09.2023 in the prescribed format.

2.0 Hope the above is in order, please.

Thanking you.

Yours Faithfully,  
**OIL INDIA LIMITED**

**(Siddharth Singh)  
Dy. Chief Engineer (FS)  
For General Manager (ES & HSE)  
For Executive Director (RF)**

Enclosed: as above

Copy: The Member Secretary  
Rajasthan State Pollution Control Board,  
4, Institutional Area, Jhalana Doongari  
Jaipur-302004

: Zonal Office (Bhopal), Central Pollution Control Board,  
3<sup>rd</sup> Floor, Sahkar Bhawan, North IT Nagar,  
Bhopal-462003.

:Secretary Environment & Member Secretary  
SEIAA, Room No.11, Aravalli Bhawan, Jhalana Institute Area  
Jaipur,302004





**Six Monthly Compliance report of Environmental Clearance for exploratory Drilling of onshore oil and gas exploration in State of Rajasthan**

EC letter no. F.No. F1 (4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.1(b)B2(19502)/ 2019-20  
Dated 23.07.2021

**Period of compliance: From 31.03.2023 to 30.09.2023**

**No drilling activity was performed during compliance period**

**I. Statutory compliance:**

i)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	Not Applicable
ii)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable
iii)	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).	Not Applicable
iv)	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	Complied. CTE & CTO (5wells+5wells) has granted on 17.09.2021,30/08/2022 respectively <b>Enclosed as Annexure I.</b>
v)	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.	We are engaged in drilling with water based mud (WBM) which is eco-friendly in nature & non-hazardous and it is recycled during entire operation. Hence, Hazardous waste Authorisation is not required for drilling.
vi)	The project proponent shall obtain and adhere to statutory clearance under the Coastal Regulation Zone Notification, 2011, as applicable.	Not Applicable

**II. Air quality monitoring and preservation:**

i)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.	Complied. The ambient air quality of the nearby area is regularly monitored as per NAAQ emission standards. <b>Enclosed as Annexure II</b>
ii)	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions	Not Applicable

	shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.	
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (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.	Noted & Complied. The locations of ambient air quality monitoring stations decided in consultation with the State Pollution Control Board (SPCB).
iv)	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.	Complied. Ambient air quality of the nearby area is regularly monitored as per NAAQ emission standards. <b>Enclosed as Annexure II</b>
v)	During exploration, production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.	Not Applicable.
vi)	The project proponent also to ensure trapping/storing of the CO2 generated, if any, during the process and handling	Not Applicable.
vii)	Approach road shall be made pucca to minimize generation of suspended dust.	Complied. Hard standing of approach road is done with morrum to minimize generation of suspended dust.

### III. Water quality monitoring and preservation

i)	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. Domestic sewage shall be disposed off through septic tank/soak pit.	We are engaged in drilling with water based mud (WBM) which is eco-friendly in nature & non-hazardous and it is recycled during entire operation phase and Domestic sewage is disposed off through septic tank/soak pit.
ii)	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.	Noted & complied.
iii)	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard	Compiled. Ensured that Total fresh water requirement does not exceed as per proposed quantity or as specified by the Committee.
iv)	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 wastewater shall conform to CPCB standards	Complied. Garland drains are constructed all around the drilling site. Wastewater was collected in effluent pit and being treated in ETP to conform to CPCB standards.
v)	Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. Waste mud shall be tested for hazardous contaminants 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 GSR.546(E) dated 30th August, 2005.	Noted & complied. Water Base Mud was(non-toxic/non-hazards) used during drilling and the drill cuttings were separated out on an impervious 300 gsm thick HDPE lined effluent pit with secured fencing at site as per GSR.546(E) dated 30th

		August, 2005. TSDF membership obtained. (Ref No. REEL/BWMP/BLTR/2011-12/006.) <b>Enclosed as Annexure V</b> <b>Enclosed as Annexure III</b>
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#### IV. Noise monitoring and prevention

i)	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	Noted & complied.
ii)	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.	Complied.
iii)	The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Complied. All the high noise generating equipment's are provided with acoustic enclosures, silencers etc. Earplugs/Earmuffs were used by workers during drilling operation. <b>Enclosed as Annexure IV</b>

#### V. Energy Conservation measures

i)	The energy sources for lighting purposes shall preferably be LED based.	Noted & complied.
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#### VI. Waste management

i)	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.	No oily sludge was generated as the mud used was Water Based. However, amount of used lube oil collected from Generator Set and Prime Movers sent to authorised recycler "M/s Jyoti Petrochem Industries", Boranada, Jodhpur, Rajasthan for re-finishing and recycling of hazardous waste. In case of Oil spillage/ contamination, action plan, Roles and responsibilities, Important telephone nos., etc. are provided in the Emergency response plan.
ii)	Oil content in the drill cuttings shall be monitored by some Authorized agency and report shall be sent to the Ministry's Regional Office.	Noted. Water Based Mud (WBM) was used in the wells and recycled during entire operation. No synthetic Oil Base Mud was used.

#### VII. Safety, Public hearing and Human health issues

i)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted for compliance.
ii)	Blow Out 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	Noted & complied. Blow out preventer (BOP) system was installed to prevent well blowouts during drilling operations.
iii)	Company shall prepare operating manual in respect of	Complied. Company has its own

	all activities, which would cover all safety & 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 site should be done.	Safe Operating Procedure(SOP) manual for all its activities. Blow Out Prevention Manual Emergency Response Plan including well control Manual have been prepared and kept at each drill site during operation. Awareness training on health safety and environment are conducted on regular basis for all staffs.
iv)	On completion of drilling, the company has to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.	Noted for compliance.
v)	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.	Noted for compliance.
vi)	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.	Noted for compliance.
vii)	Training shall be imparted to all employees on safety and health aspects of chemicals 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.	Noted for compliance. Additionally, MSDS is made available in English as well as local language at site in order to apprise the chemical workers to handle hazardous chemical safety. Initial Medical Examination & Periodical Medical Examination are being conducted as per standards.
viii)	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	Noted for compliance. OIL never encountered H2S while drilling. However, gas monitoring systems/ detectors with self-contained breathing apparatus sets will be made available during drilling operation. First aid facility with Doctor & ambulance service will also be made available at site round the clock.
ix)	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted & complied.
x)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act	Complied.
xi)	The Company shall carry out long term subsidence study by collecting base line data before initiating drilling operation till the project lasts. The data so collected shall be submitted six monthly to the Ministry and Regional Office.	Noted for compliance.

**VIII. Corporate Environment Responsibility**


i)	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.	Noted for compliance.
ii)	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms /conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or share holders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report	Noted & complied.
iii)	A separate Environmental Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Company has Environment Management Cell under HSE department at FHQ, Duliajan.
iv)	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Noted for Compliance.
v)	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Noted for compliance.

**IX. Miscellaneous**

i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied. Details of Environmental Clearance were published in local newspaper.
ii)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied.
iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Complied. Status of compliance of the environment clearance conditions, including results of monitored data is been regularly updated on our website.
iv)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Complied.

v)	The project proponent shall submit the environmental statement for each financial year in Form V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Complied. Environmental statement for financial year 2023-2024. <b>Enclosed as Annexure VI</b>
vi)	The project proponent 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, commencing the land development work and start of production operation by the project.	Noted for compliance.
vii)	Restoration of the project site shall be carried out satisfactorily and report shall be sent to the Ministry's Regional Office	03 Wells in which two wells of siyasar I and one well of south baghewala was restored in the compliance period.
viii)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted for compliance.
ix)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted for compliance.
x)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted and no further expansion or modifications will be carried out without any prior approval.
xi)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
xii)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and all conditions will be executed with satisfactory terms.
xiii)	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted and any additional conditions conveyed will be fulfilled.
xiv)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted for compliance.
xv)	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 and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter	Noted.
xvi)	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

Date: 30/11/2023

  
 Dy. General Manager (Drilling)  
 Mines manager, Drilling Mine (RF)  
 Rajasthan Project  
 रा. खान परियोजना









Head Office (HDF )

**Rajasthan State Pollution Control Board**  
4, Institutional Area, Jhalana Doongari, Jaipur-302  
Phone: 0141-5159600, 5159695 Fax: 0141-5159697



Registered

File No : F(HDF)/Jaisalmer(Jaisalmer)/114(1)/2021-2022/2287-2289

Order No: 2021-2022/HDF/8701

Dispatch Date: 03/09/2021

Unit Id : 75816

M/s OIL INDIA LIMITED ,Rajasthan Project

2A-DISTRICT SHOPPING CENTER, SARASWATI

NAGAR,BASNI , JODHPUR

Sub: Consent to Establish under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your application(s) for Consent to Establish dated 11/06/2021 and subsequent correspondence.

Consent to Establish under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act) and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder, is hereby granted for your Three OALP Blocks OALP RJ-ONHP- 2017-9 RJ- ONHP-2017-8 RJ-ONHP- 2018-2 plant situated / proposed at OALP RJ-ONHP- 2017/9,RJ- ONHP-2017/8, RJ-ONHP- 2018/2 Bikaner Tehsil:Bikaner District:Bikaner , Rajasthan under the provisions of the said Act(s). This consent is granted on the basis of examination of the information furnished by you in consent application(s) and the documents submitted therewith, subject to the following conditions:-

- 1 That this Consent to Establish is valid for a period from 11/06/2021 to 31/05/2026 or date of Commencement of production / commissioning of the project or activities whichever is earlier .
- 2 That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below.

Particular	Type	Quantity / Capacity
DRILLING OF EXPLORATORY WELL	Activity	15.00 WELL

- 3 That in case of any increase in capacity or addition / modification / alteration or change in product mix or process or raw material or fuel the project proponent is required to obtain fresh consent to establish.



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- 4 That the control equipment as proposed by the applicant shall be installed before trial operation is started for which prior consent to operate under the provision of the Water Act and Air Act shall be obtained. This consent to establish shall not be treated as consent to operate.
- 5 That the quantity of effluent generation and disposal along with mode of disposal for the treated effluent shall be as under:

Type of effluent	Max. effluent generation (KLD)	Quantity of effluent to be recycled (KLD)	Quantity of treated effluent to be disposed (KLD) and mode of disposal
Domestic Sewage	4.000	NIL	4.000 Soakpit
Trade Effluent	7.000	4.000	3.000 Treated in Effluent Treatment plant and reuse in process/ plantation within premises

- 6 That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
DG set (3 NOS)( 400KVA EACH)	ACOUSTIC ENCLOSURE , ADEQUATE STACK HEIGHT	--	--

- 7 That this consent to establish is being issued for drilling of 15 exploratory wells at locations Loc: A,B,C,D,E,F,G,H,I,J,K,L,M,N & O in Bikaner and Jaisalmer District.
- 8 That the industry shall comply with all the conditions of Environmental Clearance issued by the State Level Environment Impact Assessment Authority, Rajasthan F1(4)/SEIAA/SEAC-Raj/Sectt/project/Cat. 1(b) B2 (19502)/2019-20.



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- 9 That total water requirement for industrial, domestic, and other uses shall not exceed 35 KLD and shall be met from IGNP only after seeking permission from the concerned agency.
- 10 That the well shall be established on the land in accordance with land allotment letter and any letter issued by District Collector or any authority in future and Petroleum Exploration License granted by Government of Rajasthan and shall comply with conditions.
- 11 That the industry shall follow the guidelines for disposal of solid waste, drill cutting and drilling fluids for offshore and onshore drilling operations, notified under Environment (Protection) Act, 1986, vide Notification No. G.S.R. 546(E), dated 30/08/2005.
- 12 That the waste residual mud, drilling waste water and drill cutting water shall be collected in the lined pit for treatment and recycling. The left over water/residue shall be disposed through adequately designed and lined solar evaporation pond.
- 13 That Good sanitation facility shall be provided at the drilling site. Domestic sewage shall be disposed off through septic tank/soak pit.
- 14 That the evaporation pond should be designed on the basis of natural evaporation rate of 5 litre/m<sup>2</sup> and depth not exceeding to 75 cm.
- 15 That suitable metering arrangement shall be provided at intake of raw water, process water consumption, effluent generation & effluent treated and daily record of the same shall be maintained.
- 16 That no waste water shall be discharged outside and inside the premises so as to maintain zero discharge status.
- 17 That the overall noise level 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 level shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- 18 That stack of adequate height and acoustic enclosure shall be provided with all the D.G. Sets.
- 19 That all fuels, lubricants and chemicals will be kept in well-designed storage facility with regular inventory checking.
- 20 That Approach road shall be made pucca to minimize generation of suspended dust.
- 21 That the recyclable Waste (oily sludge) and spent oil shall be managed through the authorized recyclers.



**Head Office (HDF)**  
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- 22 That no production of hydrocarbon shall be done without consent of the State Board.
- 23 That the industry shall comply with the provisions of Hazardous and other waste (Management and Transboundary movement) Rules, 2016 to manage, handle and dispose the drill cutting (Hazardous Waste).
- 24 That total capital investment(Without Depreciation) during Financial year 2021-22 as per the C.A. certificate submitted by the unit is Rs. 195 cr.
- 25 That the industry shall submit a point-wise compliance report of all the above conditions on a six-monthly basis & submit it to the board.
- 26 That, notwithstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained under section 27(2) of the Water Act and under section 21(6) of the Air Act to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of compliance of the Water Act and Air Act.
- 27 That the grant of this Consent to Establish is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.
- 28 That the grant of this Consent to Establish shall not, in any way, adversely affect or jeopardize the legal proceedings, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This Consent to Establish shall also be subject, beside the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent will comply with the provisions of the Water Act and Air Act and to such other conditions as may, from time to time, be specified by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of Consent to Establish and project proponent / occupier shall be liable for legal action under the the relevant provisions of the said Act(s).



Head Office (HDF )

**Rajasthan State Pollution Control Board**  
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This bears the approval of the competent authority.

Yours Sincerely

Group Incharge[ HDF ]

(A): Copy To:-

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Jodhpur for information and to monitor the compliance consent conditions.
- 2 Master File.

Group Incharge[ HDF ]







# ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OHSAS) CERTIFIED LABORATORY

272, Phase-IV, Sec-57, HSIDC, Kundli, Sonapat-131028 (Haryana)

Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com

Website : www.aalkundli.com

## TEST CERTIFICATE

### AMBIENT AIR QUALITY MONITORING REPORT

Issued To: M/s Oil India Limited  
Rajasthan Project, Oil House, 2-A Dist.  
Shopping Center, Saraswati Nagar, Basni,  
Jodhpur-342005 (Rajasthan)  
Contract No: GEMC-511687709317073  
Project Location: OSBB/SBGW-01, Nokh  
Sample Description: Ambient Air Quality Monitoring  
Date of Sampling: 02/07/2022-03/07/2022  
Sampling Location: Near Main Gate

Report No. AAL/OIL/RAJ-20220707001

Date of Receiving: 07/07/2022  
Date of Starting: 07/07/2022  
Date of Completion: 11/07/2022  
Date of Reporting: 11/07/2022  
Weather Condition: Sunny  
Sampling Done By: AAL

S. No.	Test Parameter	Unit	Results	Limits NAAQS Monitoring & Analysis Guidelines	Test Methods
				Volume-I	
1	Particulate Matter, PM <sub>10</sub>	µg/m <sup>3</sup>	82.5	100	IS-5182(P-23)-2006
2	Particulate Matter, PM <sub>2.5</sub>	µg/m <sup>3</sup>	45.7	60	CPCB Guideline/Gravimetric/ (AAL/SOP/ENV/002)
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	12.5	80	IS-5182 (P-2)-2001
4	Oxide of Nitrogen (as NO <sub>2</sub> )	µg/m <sup>3</sup>	32.8	80	IS-5182(P-6)-2006
5	Carbon Monoxide (as CO)	mg/m <sup>3</sup>	0.9	2 (8hr)/4 (1hr)	IS-5182(P-10)-1999 Reaff. 2003
6	Ozone (as O <sub>3</sub> )	µg/m <sup>3</sup>	22.5 (DL=20.0)	100(8hr)/180(1hr)	IS-5182(P-9)-1999/ Photometric
7	Ammonia (as NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL (DL=20.0)	400	Indi-Phenol Blue Method
8	Lead (as Pb)	µg/m <sup>3</sup>	BDL (DL=0.1)	1	IS-5182(P-22)-2004
9	Nickel (as Ni)	ng/m <sup>3</sup>	BDL (DL=1.0)	20	IS-5182(P-22)-2004
10	Arsenic (as As)	ng/m <sup>3</sup>	BDL (DL=1.0)	6	IS-5182(P-22)-2004
11	VOC(Including the value of Benzene & Toluene)	µg/m <sup>3</sup>	BDL (DL=1.0)	5	NIOSH 6015-2005
12	Benzo a-pyrene (BaP)	ng/m <sup>3</sup>	BDL (DL=0.1)	1	CPCB/GC Method
13	Mercury (as Hg)	µg/m <sup>3</sup>	BDL (DL=0.001)	NS	By Air APHA
14	Hydrocarbon (as Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979 Reaff. 2003
15	Hydrocarbon (as Non Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979 Reaff. 2003

NS=Not Specified. BDL=Below Detection Limit & DL=Detection Limit

\*\*End of Report\*\*

Amitesh Kumar  
(SR. ANALYST)



# ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OHSAS) CERTIFIED LABORATORY

272, Phase-IV, Sec-57, HSIIDC, Kundli, Sonapat-131028 (Haryana)

Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com

Website : www.aalkundli.com

## TEST CERTIFICATE

### AMBIENT AIR QUALITY MONITORING REPORT

Issued To:	M/s Oil India Limited Rajasthan Project, Oil House, 2-A Dist. Shopping Center, Saraswati Nagar, Basni, Jodhpur-342005 (Rajasthan)	Report No.	AAL/OIL/RAJ-20220707002
Contract No:	GEMC-511687709317073	Date of Receiving:	07/07/2022
Project Location:	OSBB/SBGW-01, Nekh	Date of Starting:	07/07/2022
Sample Description:	Ambient Air Quality Monitoring	Date of Completion:	11/07/2022
Date of Sampling:	02/07/2022-03/07/2022	Date of Reporting:	11/07/2022
Sampling Location:	Back Side of site	Weather Condition:	Sunny
		Sampling Done By:	AAL

S. No.	Test Parameter	Unit	Results	Limits NAAQS Monitoring & Analysis Guidelines	Test Methods
				Volume-1	
1	Particulate Matter, PM <sub>10</sub>	µg/m <sup>3</sup>	77.4	100	IS-5182(P-23)-2006
2	Particulate Matter, PM <sub>2.5</sub>	µg/m <sup>3</sup>	39.3	60	CPCB Guideline/Gravimetric/ (AAL/SOP/ENV/002)
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	12.8	80	IS-5182 (P-2)-2001
4	Oxide of Nitrogen (as NO <sub>2</sub> )	µg/m <sup>3</sup>	28.5	80	IS-5182(P-6)-2006
5	Carbon Monoxide (as CO)	mg/m <sup>3</sup>	0.6	2 (8hr)/4 (1hr)	IS-5182(P-10)-1999 Reaff. 2003
6	Ozone (as O <sub>3</sub> )	µg/m <sup>3</sup>	22.5 (DL=20.0)	100(8hr)/180(1hr)	IS-5182(P-9)-1999/ Photometric
7	Ammonia (as NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL (DL=20.0)	400	Indi-Phenol Blue Method
8	Lead (as Pb)	µg/m <sup>3</sup>	BDL (DL=0.1)	1	IS-5182(P-22)-2004
9	Nickel (as Ni)	ng/m <sup>3</sup>	BDL (DL=1.0)	20	IS-5182(P-22)-2004
10	Arsenic (as As)	ng/m <sup>3</sup>	BDL (DL=1.0)	6	IS-5182(P-22)-2004
11	VOC(Including the value of Benzene & Toluene)	µg/m <sup>3</sup>	BDL (DL=0.6)	5	NIOSH 6015-2005
12	Benzo a-pyrene (BaP)	ng/m <sup>3</sup>	BDL (DL=0.1)	1	CPCB/GC Method
13	Mercury (as Hg)	µg/m <sup>3</sup>	BDL (DL=0.001)	NS	By Air APHA
14	Hydrocarbon (as Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979 Reaff. 2003
15	Hydrocarbon (as Non Methane)	ppm	1.5 (DL=1.0)	NS	IS-5182 (P-17)-1979 Reaff. 2003

NS=Not Specified, BDL=Below Detection Limit & DL=Detection Limit

**\*\*End of Report\*\***

**Amlesh Kumar**  
(SR. ANALYST)



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Website : www.aalkundli.com

## TEST CERTIFICATE

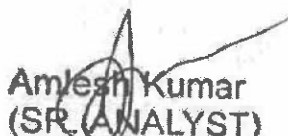
### AMBIENT AIR QUALITY MONITORING REPORT

Issued To:	M/s Oil India Limited Rajasthan Project, Oil House, 2-A Dist. Shopping Center, Saraswati Nagar, Basni, Jodhpur-342005 (Rajasthan)	Report No.	AAL/OIL/RAJ-20220707003
Contract No:	GEMC-511687709317073	Date of Receiving:	07/07/2022
Project Location:	OSBB/SBGW-01, Nokh	Date of Starting:	07/07/2022
Sample Description:	Ambient Air Quality Monitoring	Date of Completion:	11/07/2022
Date of Sampling:	02/07/2022-03/07/2022	Date of Reporting:	11/07/2022
Sampling Location:	Near Installation Manager Office	Weather Condition:	Sunny
		Sampling Done By:	AAL

S. No.	Test Parameter	Unit	Results	Limits NAAQS Monitoring & Analysis Guidelines	Test Methods
				Volume-I	
1	Particulate Matter, PM <sub>10</sub>	µg/m <sup>3</sup>	72.5	100	IS-5182(P-23)-2006
2	Particulate Matter, PM <sub>2.5</sub>	µg/m <sup>3</sup>	41.7	60	CPCB Guideline/Gravimetric/ (AAL/SOP/ENV/002)
3	Sulphur Dioxide (as SO <sub>2</sub> )	µg/m <sup>3</sup>	11.5	80	IS-5182 (P-2)-2001
4	Oxide of Nitrogen (as NO <sub>2</sub> )	µg/m <sup>3</sup>	29.6	80	IS-5182(P-6)-2006
5	Carbon Monoxide (as CO)	mg/m <sup>3</sup>	0.60	2 (8hr)/4 (1hr)	IS-5182(P-10)-1999 Reaff. 2003
6	Ozone (as O <sub>3</sub> )	µg/m <sup>3</sup>	22.5 (DL=20.0)	100(8hr)/180(1hr)	IS-5182(P-9)-1999/ Photometric
7	Ammonia (as NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL (DL=20.0)	400	Indi-Phenol Blue Method
8	Lead (as Pb)	µg/m <sup>3</sup>	BDL (DL=0.1)	1	IS-5182(P-22)-2004
9	Nickel (as Ni)	ng/m <sup>3</sup>	BDL (DL=1.0)	20	IS-5182(P-22)-2004
10	Arsenic (as As)	ng/m <sup>3</sup>	BDL (DL=1.0)	6	IS-5182(P-22)-2004
11	VOC(Including the value of Benzene & Toluene)	µg/m <sup>3</sup>	BDL (DL=1.0)	5	NIOSH 6015-2005
12	Benzo a-pyrene (BaP)	ng/m <sup>3</sup>	BDL (DL=0.1)	1	CPCB/GC Method
13	Mercury (as Hg)	µg/m <sup>3</sup>	BDL (DL=0.001)	NS	By Air APHA
14	Hydrocarbon (as Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979 Reaff. 2003
15	Hydrocarbon (as Non Methane)	ppm	1.5 (DL=1.0)	NS	IS-5182 (P-17)-1979 Reaff. 2003

NS=Not Specified, BDL=Below Detection Limit & DL=Detection Limit

**\*\*End of Report\*\***

  
**Amlesh Kumar**  
(SR. ANALYST)  
Authorised Signatory





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Website : www.aalkundli.com

## TEST CERTIFICATE

Page 1 of 1

Issued To: M/s Oil India Ltd  
Rajasthan Project, Oil House, 2-A,  
Dist. Shopping Centre, Saraswati Nagar, Basni,  
Jodhpur - 342 005 (Rajasthan)

Sample Description: Drill Fluid  
Sampling Site: OSBB/SBGW-01, Nokh

Contract No. GEMC-511687709317073

Report No. AAL/OIL/RAJ-20220707038

Date of Receiving: 07/07/2022

Date of Starting: 07/07/2022

Date of Completion: 11/07/2022

Date of Reporting: 11/07/2022

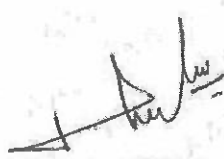
Sample Qty.: 1 Litre

Sample Collected By: AAL

## TEST RESULT

S. No.	Test Parameter	Unit	Results	Limits as per CPCB	Test Methods
1	Toxicity (Bio-assay) (1:10 water ratio)	%	90% survival of fish after 96 hours	90% survival of fish after 96 hours	IS:6582(P-2)-2001

**\*\*End of Report\*\***

  
Dr. D.R. SHARMA  
Gen. Manager(Q&T)  
Authorised Signatory

Note: 1. The Result Indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred nor implied.



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Website : www.aalkundli.com

## TEST CERTIFICATE

Page 1 of 1

Issued To: M/s Oil India Ltd  
Rajasthan Project, Oil House, 2-A,  
Dist. Shopping Centre, Saraswati Nagar, Basni,  
Jodhpur-342 005 (Rajasthan)

Sample Description: Drill Cutting  
Sampling Site: OSBB/SBGW-01, Nokh

Contract No. GEMC-511687709317073

Report No. AAL /OIL/RAJ-20220707039

Date of Receiving: 07/07/2022

Date of Starting: 07/07/2022

Date of Completion: 11/07/2022

Date of Reporting: 11/07/2022

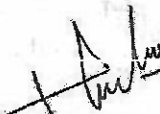
Sample Qty.: 500gm

Sample Collected By: AAL

## TEST RESULT

S. No.	Test Parameter	Unit	Results	Test Methods
1	Mercury (as Hg)	mg/kg	<0.001	USEPA-3050 B
2	Oil Content	mg/kg	4.2	USEPA-3050 B

**\*\*End of Report\*\***

  
Dr. D.R. SHARMA  
Gen. Manager(Q&T)  
Authorised Signatory

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Website : www.aalkundli.com

## TEST CERTIFICATE

### AMBIENT NOISE QUALITY MONITORING REPORT

Report No. AAL/OIL/RAJ-20220707011

Issued To: M/s Oil India Limited  
Rajasthan Project, Oil House, 2-A Dist.  
Shopping Center, Saraswati Nagar, Basni,  
Jodhpur-342005 (Rajasthan)  
Contract No: GEMC-511687709317073  
Project Location: OSBB/SBGW-01, Nokh  
Sample Description: Ambient Noise Quality Monitoring  
Date of Sampling: 02/07/2022-03/07/2022  
Sampling Location: Near Main Gate

Date of Receiving: 07/07/2022  
Date of Starting: 07/07/2022  
Date of Completion: 11/07/2022  
Date of Reporting: 11/07/2022  
Weather Condition: Sunny  
Sampling Done By: AAL

S. No.	Test Parameter	Unit	Results	Requirement	
				Limits as per CPCB norms in dB(A) Leq Day Time 06:00AM-10:00PM	Night Time 10:00PM-06:00AM
1	Noise Level				
	Leq-Day	dB(A)	62.9	75 A: Industrial Area 65 B: Commercial Area 55 C: Residential Area 50 D: Silence Zone	70 55 45 40
	Leq-Night	dB(A)	57.3		

\*\*End of Report\*\*

Amlesh Kumar  
(SR. ANALYST)  
Authorised Signatory

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## TEST CERTIFICATE

### AMBIENT NOISE QUALITY MONITORING REPORT

Issued To:	M/s Oil India Limited Rajasthan Project, Oil House, 2-A Dist. Shopping Center, Saraswati Nagar, Basni, Jodhpur-342005 (Rajasthan)	Report No.	AAL/OIL/RAJ-20220707012
Contract No:	GEMC-511687709317073	Date of Receiving:	07/07/2022
Project Location:	OSBB/SBGW-01, Nokh	Date of Starting:	07/07/2022
Sample Description:	Ambient Noise Quality Monitoring	Date of Completion:	11/07/2022
Date of Sampling:	02/07/2022-03/07/2022	Date of Reporting:	11/07/2022
Sampling Location:	Back Side of site	Weather Condition:	Sunny
		Sampling Done By:	AAL

S. No.	Test Parameter	Unit	Results	Requirement		
				Limits as per CPCB norms in dB(A) Leq	Day Time	Night Time
1	Noise Level			Category of Area / Zone	06:00AM-10:00PM	10:00PM-06:00AM
	Leq-Day	dB(A)	59.5	A: Industrial Area	75	70
				B: Commercial Area	65	55
	Leq-Night	dB(A)	53.2	C: Residential Area	55	45
				D: Silence Zone	50	40

**\*\*End of Report\*\***

Amlesh Kumar  
(SR. ANALYST)  
Authorised Signatory

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## TEST CERTIFICATE

### AMBIENT NOISE QUALITY MONITORING REPORT

Issued To: M/s Oil India Limited  
Rajasthan Project, Oil House, 2-A Dist.  
Shopping Center, Saraswati Nagar, Basni,  
Jodhpur-342005 (Rajasthan)  
Contract No: GEMC-511687709317073  
Project Location: OSBB/SBGW-01, Nokh  
Sample Description: Ambient Noise Quality Monitoring  
Date of Sampling: 02/07/2022-03/07/2022  
Sampling Location: Near Installation Manager Office

Report No. AAL/OIL/RAJ-20220707013

Date of Receiving: 07/07/2022

Date of Starting: 07/07/2022

Date of Completion: 11/07/2022

Date of Reporting: 11/07/2022

Weather Condition: Sunny

Sampling Done By: AAL

S. No.	Test Parameter	Unit	Results	Requirement		
				Limits as per CPCB norms in dB(A)	Leq	
				Category of Area / Zone	Day Time	Night Time
1	Noise Level				06:00AM-10:00PM	10:00PM-06:00AM
	Leq-Day	dB(A)	58.6	A: Industrial Area	75	70
				B: Commercial Area	65	55
	Leq-Night	dB(A)	52.3	C: Residential Area	55	45
				D: Silence Zone	50	40

\*\*End of Report\*\*

Amlesh Kumar  
(SR. ANALYST)  
Authorised Signatory

Note: 1. The Result Indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred not implied.





**Balotra Waste Management Project**  
(Div. of Ramky Enviro Engineers Ltd.)

Survey No. & Plot No. - 1114/274/13 & 1115/274/14

Village. - Kher, Tehsil. - Pachpadra

District. - Barmer (Rajasthan)

Ph. No. : +91-294-2802032, 2658253. E-mail : rwp@ramky.com

Ref No: REEL/BWMP/11-12/MBD/MS/006

Dt: 21.10.2011

To

Oil India Limited

Old Road, Jodhpur

Dist. Jodhpur. (Rajasthan)

Kind Attn: **Mr. Ajai Agarwal.**

Subject: Membership number give out.

We are glad to inform you that you're being the esteem customer to our Balotra Waste management Project (A Division of Ramky Enviro Engineers Ltd).

We have issued Membership Number as **REEL/BWMP/BLTR/2011-12/006** to M/s Oil India Limited.

The membership fee you have given Rs. 25,000/- is not refundable or not transferable.

We wish our relation towards sustainable and pollution free Rajasthan.

Thanking You,

Yours truly

For Ramky Enviro Engineers Limited

(unit- Balotra Waste Management Project)

Authorized Signatory

cc:



1. Regional Officer, RSPCB, Jodhpur.

Towards sustainable growth

**MANAGING HAZARDOUS WASTE**

Corporate Office: Door No. 6-3-1090, 4th Floor, TSR Towers, above Standard Chartered Bank, Rajbhavan Road, Somajiguda, Hyderabad-500082  
Tel.: +91-40-44422222 (60-Lines), E-mail : info@ramky.com



**WATER SUPPLY AGREEMENT**  
**BETWEEN**  
**INDIRA GANDHI NAHAR PARIYOJNA,**  
**GOVERNMENT OF RAJASTHAN**  
**AND**  
**OIL INDIA LTD**  
**(A GOVT. OF INDIA ENTERPRISE)**  
**ON- 07.04.2017**  
**LOCATED AT**  
**RD 169.100 OF CHARANWALA BRANCH**





राजस्थान RAJASTHAN


B 574443

कावागव (शेडर)  
28 OCT 2016  
जालमर (पत्र)

This water supply agreement made on the 07<sup>th</sup> day of April 2017 between the Governor of the State of Rajasthan, represented by the Chief Engineer Indira Gandhi Nahar, Priyोजना (Herein after referred to as the 'GOR' which expression shall, unless repugnant to the context or meaning thereof, include its successor's and assigns of the one part & M/s. OIL INDIA LIMITED, REPRESENTED BY EXECUTIVE DIRECTOR, OIL INDIA LIMITED having its project office at, 2-A SARASWATI NAGAR DISTRICT SHOPPING CENTRE, BASNI JODHPUR-342005, RAJASTHAN a Government of India Enterprise under the Administrative control of the Ministry of Petroleum Govt. of India (Herein after called the OIL which expression shall, unless repugnant to the context or meaning there of shall include its successor & assigns) of the other part.

OIL has applied to Govt. of Rajasthan for supply of water from IGNP, Charanwala Branch for its heavy oil project at Baghewala. The water will be drawn from RD 169.100 of Charanwala Branch of IGNP in Jaisalmer District of Rajasthan for Heavy Oil Project.

And whereas OIL has applied to GOR to Sanction the supply of water from Charanwala Branch of Indira Gandhi Nahar Pariyोजना (IGNP) in Jaisalmer District for the above mentioned project and the GOR has agreed to supply the same.

  
(1)

And whereas, the OIL shall use water only for the purpose specified in this agreement & shall not utilize or sell water for any other purpose outside the project.

Now, therefore, this agreement between the parties hereto witnesseth as follows:

- (1) That the GOR shall supply and the OIL shall at present draw, at its own cost raw water from Charanwala Branch at or around RD 169.100, a quantity of 600 kilo litre water per day. But as the Charanwala Branch runs as per rotation orders issued by competent authority, hence it is assumed that Charanwala Branch may run for 8 days in month, & so the quantity of water will be supplied at the rate of 1.00 cusec during running period of Charanwala Branch. Any change in this can be made with mutual agreement of both the parties.
- (2) That the Indira Gandhi Nahar Pariyojna has already constructed at the cost of OIL one Adjustable Proportional Module (APM) structure and a water course (carrier system) with gravity drainage up to the reservoir of OIL as per the request of OIL authority. The OIL has paid for the full cost of design and Engineering as determined by IGNP.
- (3) The OIL shall arrange, operate & maintain the water reservoir of required capacity to store raw water, as the supply be done only when the Charanwala Branch is in running condition. Also OIL shall maintain the carrier system i.e. water course at his own cost.
- (4) That OIL shall pay for water actually drawn with the provisions of hereof at the rate for the category of Industrial use presently being Rupees Twenty (20/-) per thousand cu.ft. The rate would be subject to revision from time to time as may be decided by GOR. The OIL shall maintain the discharge measuring flume, if any, installed on their works at own cost, for measuring the quantity of water drawn from the Charanwala Branch of IGNP.
- (5) As the supply of raw water shall be made through the APM, installed by IGNP hence the discharge shall be calculated on the basis of design discharge of APM & accordingly billing will be done & OIL shall have to pay the cost of water as per bill.
- (6) That the supplies of water shall ordinarily be available on Charanwala Branch except on account of rotational closer or for repairs or for reasons which may be in the opinion of the Chief Engineer, IGNP, Bikaner warrant such a closure.
- (7) That OIL shall pay the bills of IGNP on monthly basis, within 15 days from the date of receipt of the bill and in case of default in making the payment, GOR shall have the right to cut off supplies, if the bill are not paid within 30 days of presentation thereof. Without prejudice as aforesaid interest at the rate of 13% (Thirteen percent) per annum shall be paid by OIL on the unpaid amount of the bill.
- (8) OIL shall use water only for the purpose specified in this agreement and shall not utilize or sell water for any other commercial or Industrial purpose outside the project. GOR shall have right to inspect all works of

OIL to ensure compliance of this provision. Further the GOR shall have the right to cut off supplies to OIL, if water supplied is used for any purpose other than the specified in this agreement after giving 15 days notice.

- (9) In case of default in timely payment of water charges as per clause 4 and non compliance of provision contained in clause 7 of this agreement, by OIL, GOR shall be at liberty to discontinue water supply to OIL. Once the water supply is discontinued, GOR may consider the restoration of water supply to OIL only on a written request from the OIL signed by the signatory of the agreement. The decision of the GOR may be communicated to OIL in writing within 15 days of the receipt of the written request from OIL.
- (10) **Force Majeure:** The parties shall ensure due compliance of their respective obligations as per the terms of this agreement. However, no party shall be liable for any claim for any loss or damage whatsoever arising out of failure is due to force majeure events such as war, rebellion, mutiny, Civil commotion, riot, Sabotage & strikes, lock out or other concerted action of workmen, forces of nature or act of God such as famine, floods, fire, earthquake and epidemic and any other reason beyond the control of concerned party. But any party claiming the benefit of this clause shall reasonably satisfy the other party of the existence of such an event and given written notice immediately to the other party to this effect.
- (11) **Implementation of the Agreement**
- (12) **Notice:** All notice with regard to default or dispute relating to this agreement shall be in writing and signed by the signatories to the agreement or by the authorized representative(s). Each such notice shall be deemed to have been duly given or sent by the party concerned, if the notice is delivered against acknowledgement due to the signatories or the authorized representative(s) at their respective address.
- (13) Save as aforesaid, the courts in Rajasthan at Bikaner shall have jurisdiction.
- (14) **Successors & Assigns:** In case any of the party to this agreement is restructured and/or its generation, transmission and distribution activities are taken over by other organization(s) / agency (ies) partly or wholly, the Agreement shall be binding mutates/mutandis upon the successor organization(s) agency (ies), shall continue to remain valid with respect to the obligations of the successor organization(s)/ agency (ies). The concurrence/undertaking with respect to the implementation of agreement as obtained from such successor shall be communicated to the other party.
- (15) This agreement shall be valid for an initial period of 10 years; validity period may be extended further as per mutual consent of GOR and OIL.

#### **CHOICE OF LAW AND DISPUTE RESOLUTION**

- (16) **Governing Law**

This agreement shall be governed by the laws of India and the laws of



Rajasthan. The courts at Rajasthan Bikaner/ Jaisalmer only shall have jurisdiction in the matter.


### Settlement of Disputes


If any question, difference or objection what so ever shall arise in any way in connection with or arising out of this agreement, or the meaning of operation of any part thereof, or the rights, duties or liabilities of either party then, save in so far as the decision, of any such matter, as herein before provide for, and been so decided every such matter constituting a total claim of Rs. 50,000/- or above, whether its decision has been otherwise provided for and whether it has been finally decided accordingly, shall be referred for decision to the empowered Standing committee consist of the following namely:

- I) Administrative Secretary concerned
- II) Finance Secretary or his nominee, not below the rank of Deputy Secretary.
- III) Principle Secretary, Law Department or his nominee not below the rank of Joint, Legal Remembrancer.
- IV) Secretary, Indira Gandhi Nahar Board.
- V) Chief Engineer concerned (Member Secretary)

The engineer-in-charge on receipt of application along with non refundable prescribed fee, (the fee would be two percent of the amount in dispute, not exceeding Rs. One lac) from OIL INDIA LIMITED, shall refer the dispute to the committee, within a period of one month from the date of receipt of application.

In witness whereof, the parties have signed this agreement hereunder:

  
EXECUTIVE DIRECTOR (RP)  
OIL INDIA LIMITED  
ऑयल इण्डिया लि., जोधपुर  
N.R. Deka  
Executive Director (R.P.)  
Oil India Ltd. Jodhpur


  
CHIEF ENGINEER  
INDIRA GANDHI NAHAR BOARD  
मुख्य अभियन्ता  
इन्दिरा गांधी नहर परियोजना  
बीकानेर  
On behalf of  
Governor of the State of Rajasthan


Witness:

1) M N Talukdar

2) Gaurav Goel

Witness:

1)   
यशवंतराव चौधरी  
अमुअ, ईगानप, बीकानेर

2)   
T. J. Jaiswal  
अधिसादी अभियन्ता एवं प्र. ज.  
कुल अतिरिक्त मुख्य अभियन्ता  
इ. ग. न. प., बीकानेर

(4)



**राजस्थान क्षेत्र**

ऑयल हाउस, 2-ए, डिस्ट्रीबुट शॉपिंग सेन्टर,  
सरस्वती नगर, बासनी,  
जोधपुर-342 005, राजस्थान, भारत  
दूरभाष : 0291-2729417  
फैक्स : 0291-2727050  
वेबसाइट : [www.oil-india.com](http://www.oil-india.com)  
जी.एस.टी.सी. : 08AAACO2352C1ZX  
सी.आई.एन. : L11101AS1959GO1001148



**ऑयल इंडिया लिमिटेड**  
(भारत सरकार का उद्यम)  
**Oil India Limited**  
(A Government of India Enterprise)

**Rajasthan Field**

OIL HOUSE, 2-A, Dist. Shopping Center,  
Saraswati Nagar, Basni,  
Jodhpur - 342 005, Rajasthan, India  
Telephone : 0291-2729417  
FAX : 0291-2727050  
Website : [www.oil-india.com](http://www.oil-india.com)  
GST No. : 08AAACO2352C1ZX  
CIN : L11101AS1959GO1001148

R/S&E/E-2/RSPCB/54/2023

09.10.2023

To,

The Member Secretary  
Rajasthan State Pollution Control Board,  
4, Institutional Area, Jhalana Doongari  
Jaipur-302004

**Subject: Environment Statement for the financial year 2022-23**

Sir,

Please find enclosed herewith the Environment Statements of Production Mine and drilling mine, of Rajasthan Project of Oil India Limited for the financial year ending 31.03.2023 for your kind information and perusal.

Enclosed: Environment Statement-2022-23 (Form V)

Yours faithfully,  
OIL INDIA LIMITED

  
(Siddharth Singh)  
Chief Engineer (FS)  
For Dy. General Manager (ES & HSE)  
For Executive Director (RF)

Copy/Integrated Regional Officer,  
A-218, 'Aranaya Bhawan'  
Mahatma Gandhi Road,  
Jhalana Institutional Area',  
Jaipur - 304002

: The Regional Officer  
RSPCB, SPL-2, MIA, Phase-1  
Basni, Jodhpur



**FORM-V**  
**See Rule (14)**

**Environmental Statement for the financial year ending the 31st March 2023**

**PART-A**

- I. Name and address of the owner/occupier of the industry operation or process  
Mr. Ashok Borgohain, Dy.General Manager (Drilling) - Rajasthan Fields, Oil India Ltd. 2-A District Shopping Centre, Saraswati Nagar, Basni, Jodhpur, Rajasthan-342005
- II. Industry category  
Primary - (STC Code) RED  
Secondary - (STC Code) Oil and Gas Exploration/Production
- III. Production capacity(Units)  
Chartered Hired Rig: Quippo # 4 (Diesel Mechanical Rig, HP Rating: 1000)
- IV. Year of establishment  
16-12-2022 (Date of Mobilization of Rig : Quippo # 4)
- V. Date of the last environmental statement submitted  
26-04-2022

**PART-B**

**Water and Raw Material Consumption**

**(i) Water consumption m<sup>3</sup>/d**

Process - 23 m<sup>3</sup>/ d

Domestic: - 6 m<sup>3</sup>/ d

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
Drilling	0.67	2.06

\*m<sup>3</sup>/METRE DRILLED

(ii) Raw material consumption

Name of raw materials	Name of products	Name of raw material	Consumption of raw material per Unit of output	
			During the previous financial year	During the current financial year
Chartered Hired Rig (Quippo Rig # 4)	Drilling of wells for oil and gas (Output is Meter drilled during the FY)	HSD(KL/M)	0.116	0.144
		Oil Well Cement ( MT/M)	0.12	0.11
		Bentonite (MT/M)	0.021	0.020
		Barite ( MT/M)	0.021	0.018
		Common Salt ( MT/M)	0.008	0.006
		EP Lubricant (KL/M)	NIL	NIL
		Drilling Detergent (KL/M)	0.001	0.001
		Micronized Calcium Carbonate (MT/M)	0.005	0.006

Polluting Industry may use codes if disclosing details of raw material would violate

\*Polluting Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

**PART-C**

Pollution discharged to environment/unit of output  
(Parameters Specified if the consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water	Nil	NA	NA
(b) Air	Not significant	1. Particulate matter, PM 2.5=35.6 $\mu$ /m <sup>3</sup> 2. Particulate Matter, PM10 =56.3 $\mu$ /m <sup>3</sup> 3. SO <sub>2</sub> =BDL $\mu$ /m <sup>3</sup> 4. NO <sub>2</sub> =BDL $\mu$ /m <sup>3</sup> 5. CO=1.0 $\mu$ /m <sup>3</sup> 6. Hydrocarbon as Methane=1.72 $\mu$ /m <sup>3</sup> 7. Hydrocarbon as Non Methane=1.19 $\mu$ /m <sup>3</sup> 8. VOC=1.54 $\mu$ /m <sup>3</sup>	No deviation from prescribed standards

**PART-D**

### HAZARDOUS WASTES

(As specified under Hazardous Wastes / Management and handling Rules, 1989)

Hazardous Waste	Total Quantity (Kg.)	
	During the previous financial year	During the current financial Year
(a) From process	.627 KL (Burnt Oil)/Well	3.13 KL
(b) From pollution control facilities	NIL	NIL

### PART-E SOLID WASTE

Solid Waste	Total Quantity	
	During the previous financial year	During the current financial year
(a) From Process	875 MT Drilled cuttings (Non-hazardous)	1016 MT Drilled cuttings (Non-hazardous)
(b) From pollution control facility	N.A.	N.A.
(c) Quantity recycled or re-utilized within the unit.	N.A.	N.A.

### PART-F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both the categories of wastes.

Burnt oil	Material sold to registered recyclers M/s. Jyoti Petrochem Industries, F-663, 4 <sup>th</sup> Phase, RIICO, Bornada, Jodhpur (RAJ)
Used batteries	Sent to suppliers as per corporate buy back policy
Drilled Cuttings	Drill cuttings (DC) originating were separated from Water base mud (WBM) and properly washed and disposed off in a well-designed pit lined with 0.5 mm HDP liner located on site. Drill cuttings were non-hazardous in nature due to use of water based Mud and Eco-friendly Chemicals.
Sewage Disposal	Sewage Disposed in Tank.

### PART-G

Impact of the pollution abatement measures taken up on conservation of natural resources and consequently on the cost of production.

- a) Plantation of trees in and around the installation.

### PART-H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.

- a. Laying of 'HDPE Liner' at waste water pit for preventing contamination of ground water.

- b. Provisioning of Oil trap in effluent pit for retaining oily materials, if any.
- c. Concrete lining of area for accommodating drill cuttings, after washing and subsequently covering them with top "soil".
- d. Measurement of Ambient Air Quality and Noise Levels at well site and nearby site area.
- e. Drilling fluid & Drill cuttings testing through M/S Mitra S.K Private Limited Analytical Laboratory (MoEF & CC recognized NABL approved laboratory).
- f. Garland drain at the Drill site location for water conservation and proper treatment of waste water.

#### **PART- I**

Any other particulars for improving the quality of the environment.

#### **Environment Management Plans.**

- Usage of Engine power as per load requirement.
- Use of only acoustic gen sets at well site.
- Collection of safe disposal of Burnt Oil from Engines.
- Complete arrest of leakage through gland packing of Pumps, Valves, Pipe joints etc. So as to prevent run way of excess water to pit.
- Minimum usage of water on Derrick Floor for washing purpose by use of Wiper Rubber plug while Tripping Tubular so as to minimize accumulation of water in effluent pit.

**Yours Faithfully**

*(Signature)*  
**(Ashok Borgohain)** Oil India Limited, Jodhpur  
**Dy. General Manager (Drilling)**  
**Mines Manager**  
**Drilling-Mines (Rajasthan Fields)**  
**Date: - 15/09/2023**

Mine Manager  
 खान प्रबंधक  
 Drilling Mine  
 ड्रिलिंग खान

Oil India Limited, Jodhpur  
 जोधपुर  
 Rajasthan Project  
 राजस्थान परियोजना



**FORM-V**  
**See Rule (14)**

**Environmental Statement for the financial year ending the 31st March 2023**

**PART-A**

- I. Name and address of the owner/occupier of the industry operation or process      Mr. Ashok Borgohain, Dy.General Manager (Drilling) – Rajasthan Fields, Oil India Ltd. 2-A District Shopping Centre, Saraswati Nagar, Basni, Jodhpur, Rajasthan-342005
- II. Industry category      Primary – (STC Code) RED  
Secondary - (STC Code) Oil and Gas  
Exploration/Production
- III. Production capacity(Units)      Chartered Hired Rig: Quippo # 39 (Diesel Mechanical Rig, HP Rating: 1000)
- IV. Year of establishment      09-12-2021 (Date of Mobilization of Rig : Quippo#39)
- V. Date of the last environmental statement submitted      NIL

**PART-B**

**Water and Raw Material Consumption**

**(i) Water consumption m<sup>3</sup>/d**

Process : - 26m<sup>3</sup>/d  
Domestic:-6 m<sup>3</sup>/d

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
Drilling	0.126	0.754

\* m<sup>3</sup>/METRE DRILLED

(ii) Raw material consumption

Name of raw materials	Name of products	Name of raw material	Consumption of raw material per Unit of output	
			During the previous financial year	During the current financial year
Chartered Hired Rig (Quippo Rig # 39)	Drilling of wells for oil and gas (Output is Meter drilled during the FY)	HSD(KL/M)	0.11	0.131
		Oil Well Cement (MT/M)	0.14	
		Bentonite (MT/M)	0.03	
		Barite (MT/M)	0.007	
		Common Salt (MT/M)	0.01	
		EP Lubricant (KL/M)	NIL	
		Drilling Detergent (KL/M)	NIL	
		Micronized Calcium Carbonate (MT/M)	NIL	

Polluting Industry may use codes if disclosing details of raw material would violate

\*Polluting Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used,

**PART-C**

Pollution discharged to environment/unit of output  
(Parameters Specified if the consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water	Nil	NA	NA
(b) Air	Not significant	1. Particulate matter, PM 2.5=47.6 $\mu$ /m <sup>3</sup> 2. Particulate Matter, PM10 =86.1 $\mu$ /m <sup>3</sup> 3. SO <sub>2</sub> =6.4 $\mu$ /m <sup>3</sup> 4. NO <sub>2</sub> =21.5 $\mu$ /m <sup>3</sup> 5. CO=0.62 $\mu$ /m <sup>3</sup> 6. Hydrocarbon as Methane=3.21 $\mu$ /m <sup>3</sup> 7. Hydrocarbon as Non Methane=0.5 $\mu$ /m <sup>3</sup> 8. VOC=1.54 $\mu$ /m <sup>3</sup>	No deviation from prescribed standards

**PART-D**  
**HAZARDOUS WASTES**

(As specified under Hazardous Wastes / Management and handling Rules, 1989)

Hazardous Waste	Total Quantity (Kg.)	
	During the previous financial year	During the current financial Year
(a) From process	.95 KL (Burnt Oil)/Well	3.3 KL
(b) From pollution control facilities	NIL	NIL

**PART-E**  
**SOLID WASTE**

Solid Waste	Total Quantity	
	During the previous financial year	During the current financial year
(a) From Process	777 MT Drilled cuttings (Non-hazardous)	822 MT Drilled cuttings (Non-hazardous)
(b) From pollution control facility	N.A.	N.A.
(c) Quantity recycled or re-utilized within the unit.	N.A.	N.A.

**PART-F**

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both the categories of wastes. Burnt oil	Material sold to registered recyclers M/s. OM Industries, Plot NO C60 (A) , Road NO .1CNKIA-Jaipur
Used batteries	Sent to suppliers as per corporate buy back policy
Drilled Cuttings	Drill cuttings (DC) originating were separated from Water base mud (WBM) and properly washed and disposed off in a well-designed pit lined with 0.5 mm HDP liner located on site. Drill cuttings were non-hazardous in nature due to use of water based Mud and Eco-friendly Chemicals.
Sewage Disposal	Sewage Disposed in Tank

#### **PART-G**

Impact of the pollution abatement measures taken up on conservation of natural resources and consequently on the cost of production.

- a) Plantation of trees in and around the installation.

#### **PART-H**

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.

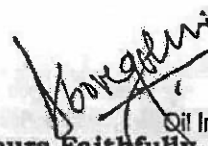
- a. Laying of 'HDPE Liner' at waste water pit for preventing contamination of ground water.
- b. Provisioning of Oil trap in effluent pit for retaining oily materials, if any.
- c. Concrete lining of area for accommodating drill cuttings, after washing and subsequently covering them with top "soil".
- d. Measurement of Ambient Air Quality and Noise Levels at well site and nearby site area.
- e. Drilling fluid & Drill cuttings testing through M/S Mitra S.K Private Limited (MoEF & CC recognized NABL approved laboratory).
- f. Garland drain at the Drill site location for water conservation and proper treatment of waste water.

#### **PART- I**

Any other particulars for improving the quality of the environment.

##### **Environment Management Plans.**

- Usage of Engine power as per load requirement.
- Use of only acoustic gen sets at well site.
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- Complete arrest of leakage through gland packing of Pumps, Valves, Pipe joints etc. So as to prevent run way of excess water to pit.
- Minimum usage of water on Derrick Floor for washing purpose by use of Wiper Rubber plug while Tripping Tubular so as to minimize accumulation of water in effluent pit.

  
Mine Manager  
खाना प्रबन्धक  
Drilling Mine  
खाना प्रबन्धक  
Oil India Limited, Jodhpur  
इण्डिया लिमिटेड, जोधपुर  
Rajasthan Project  
(Ashok Borgohain) राजस्थान परियोजना  
Dy. General Manager (Drilling)  
Mines Manager  
Drilling-Mines (Rajasthan Fields)  
Date: - 15/09/2023