

Ref.No. RF/HSE/E-7/206/2024

Date: 29.10.2024

Joint Director,
Sub Regional Office,
Ministry of Environment, Forest and Climate Change,
Government of India
A-209 & 218, Aranya Bhawan,
Jhalana Institutional Area,
Jaipur302004

Sub: Six monthly compliance report for Development Drilling of
Twenty (20) Wells in Dandewala & Bagitibba Mining Lease
Block of 250 sq km at village Tanot, Tehsil Ramgarh, District
Jaisalmer, Rajasthan by M/s Oil India limited - Environmental
Clearance reg.


Ref: F. No. J-11011/116/2013- IA-II (I) Dated 03.09.2015

With reference to above, please find enclosed herewith the six monthly compliance
report of environmental clearance (**Dandewala & Bagitibba Mining Lease Block of
250 sq km**) for the period **31.03.2024** to **30.09.2024** in the prescribed format.

2.0 Hope the above is in order, please.

Thanking you.

Yours Faithfully,
OIL INDIA LIMITED



(Siddharth Singh)
Chief Engineer (FS)
General Manager (ES)
For Executive Director (RF)

Enclosed: as above

Copy: Member Secretary, RSPCB(Jaipur)(Rajasthan)

Regional Officer, Jaisalmer (Rajasthan)

Zonal Officer (Bhopal), Central Pollution Control Board.

Six Monthly Compliance Report of Environmental Clearance of Development Drilling of (20) Wells in Dandewala & Bagitibba Mining Lease block of 250 sq Km, District Jaisalmer, Rajasthan.

EC letter no. F.No.J-11011/116/2013-IA-II(I) dated 3rd September,2015

Period of compliance: From 31.03.2024 to 30.09.2024

A. Specific Conditions:

S. no	EC Conditions	Compliance Status
i)	Ambient air quality shall be monitored near the closest human settlements as per the National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R No. 826(E) dated 16 th November 2009 for PM ₁₀ , PM _{2.5} , SO ₂ , NO _x , CO, Methane & Non-Methane HC etc.	Complied. Ambient air quality of the nearby area monitored as per NAAQ emission standards. However, no drilling activities carried out during the compliance period.
ii)	Mercury shall also be analysed in air, water, and drill cuttings twice during drilling period.	Complied. Air, water, and drill cuttings are analysed to determine the presence of mercury during drilling period. However, no drilling activities carried out during the compliance period.
iii)	Approach road shall be made pucca to minimize generation of suspended dust.	Complied. Hard standing of approach road done with morrum to minimize generation of suspended dust.
iv)	The company shall make the arrangement for control of noise from the drilling activity. Acoustic enclosure shall be provided to DG sets and proper stack height shall be provided as per CPCB guidelines.	Complied. The acoustic enclosures provided with the DG sets and given proper stack height as per CPCB guidelines.
v)	Total water requirement shall not exceed 25m ³ /day and prior permission shall be obtained from the concerned agency.	Complied. Ensured that the consumption is below 25m ³ /day. Agreement between OIL & IGNP exists for withdrawal of water during drilling period. Enclosed as Annexure I.
vi)	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 constructed all around the drilling site. The use of only Water Based Mud (WBM) (non-toxic/non-hazardous). Collection of Wastewater in effluent pit and treated in ETP to conform to CPCB standards.
vii)	Drilling wastewater including drill cuttings wash water shall be collected in disposal pit lined with HDPE lining evaporated or treated and shall comply with the notified standards for on-shore disposal. The membership of common TSDF shall be obtained for the disposal of drill cutting and hazardous waste. Otherwise, secured land fill shall be created at the	Complied. Drilling wastewater and drill cuttings wash water collected in HDPE lined waste evaporated and treated as per standards. Drill cuttings collected in cuttings pit and tested.

	<p>site as per the design approved by the CPCB and obtain authorization from the SPCB. Copy of authorization or membership of TSDF shall be submitted to Ministry's Regional office at Lucknow.</p>	<p>TSDF membership obtained. (Ref No. REEL/BWMP/BLTR/2011-12/006.) Enclosed as Annexure II.</p>
viii)	<p>Good sanitation facility shall be provided at the drilling site. Domestic sewage shall be disposed-off through septic tank/soak pit.</p>	<p>Complied. Soak Pits provided for the disposal of domestic sewage at drilling site during drilling period.</p>
ix)	<p>Oil spillage prevention 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 managed through the authorized recyclers.</p>	<p>No Oily sludge generated because of using Water Based Mud. However, amount of used lube oil collected from Generator Set and Prime Movers managed through authorised recycler "Sahu Industries", Jaipur, Rajasthan for re-finishing and recycling of hazardous waste. In case of Oil spillage/ contamination, action plan, Roles and responsibilities, Important telephone nos., etc. provided in the Emergency response plan.</p>
x)	<p>The company shall comply with the guidelines for disposal of solid waste, drilling cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30th August 2005.</p>	<p>Only Water Base Mud (non-toxic/non-hazards) used during drilling and the drill cuttings 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. The same dried up due to natural evaporation in ambient environment.</p>
xi)	<p>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.</p>	<p>Drill sites declared as no smoking zone. Fire water storage facilities, Fire engines, Fire Hydrant line, Fire hoses, Portable Fire extinguishers etc. provided at site to take care of any fire incident. Garland drain constructed all around drilling site to prevent runoff of any oil containing waste into nearby water bodies.</p>
xii)	<p>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.</p>	<p>OIL never encountered H₂S while drilling. However, portable gas monitoring systems with self-contained breathing apparatus sets made available during drilling period. First aid facility with Doctor & ambulance service made available at site round the clock.</p>
xiii)	<p>On completion of drilling, the company have to plug the drilled wells safely and obtain certificate from environment safety angle from the concerned authority.</p>	<p>Noted for compliance. However, no drilling activities carried out during the compliance period.</p>
xiv)	<p>Blow out preventer (BOP) 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.</p>	<p>Compiled. Blow out preventer (BOP) system installed to prevent well blowouts during drilling operations.</p>

xv)	Emergency Response Plan (ERP) shall be based on the guidelines prepared by OISD, DGMS, and Govt. of India.	Complied. Emergency Response Plan prepared based on Guidelines of OISD, DGMS and Govt. of India.
xvi)	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 to the 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.	No, wells Abandoned under this EC during this compliance period. In the event of abandonment of a well, the "Well Abandonment Policy" of our Company shall be followed and the wells shall be permanently abandoned, and site restored as per statutory regulations/company's policy.
xvii)	Abandoned well inventory and remediation plan shall be submitted within six months from the date of issue of letter.	Agreed & Noted. Shall be complied in case of abandonment of well.
xviii)	All the issues raised during the Public Hearing/consultation meeting held on 28 th January, 2015 shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	All the issues raised during the Public Hearing/consultation meeting and adequate budget provisions been provided and are being implemented regularly.
xix)	Occupational health surveillance of the workers shall be carried out as per prevailing Acts and Rules.	24 Hrs. Medical facilities with Doctors was made available at site during drilling and periodic health surveillance of the workers were monitored regularly as per guidelines of OMR 2017 & OISD Guidelines.
xx)	Restoration of the project site shall be carried out satisfactorily and report shall be sent to the Ministry's Regional office.	Restored under this EC during this compliance period. However, Restoration of project sites will be carried out as per Site Restoration/Reclamation guidelines of the company and report for the same will be sent to the Ministry's Regional office. No wells are restored.
xxi)	Oil content in the drill cuttings shall be monitored by some Authorized agent and report shall be sent to the Ministry's Regional office.	Water Based Mud (WBM) used in the wells and recycled during entire operation. No synthetic Oil Base Mud used.
xxii)	Under Enterprise Social commitment (ESC), sufficient budget provision shall be made for health improvement, education, water and electric supply etc. in and around the project.	OIL has been providing adequate funds in and around the project site under CSR scheme.
xxiii)	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.	Audits/ Inspections of the drilling sites during drilling period carried out periodically to ensure the implementation of the Environment Management plan.
xxiv)	All personnel including those of contractors shall be trained and made fully aware of the hazards, risks and controls in place.	Safety talk, Job safety analysis, Tool Box meetings carried out as per HSE policy/OMR/OISD guidelines. Mines Vocational training arranged for drilling crew as per Mines Rules

		1955.
xxv)	Company shall have own Environment Management Cell having qualified persons with proper background.	Company has Environment Management Cell under HSE department at FHQ, Duliajan.
xxvi)	Company shall prepare operating manual in respect of all activities. It should cover all safety & environment related issues and system. Measures to be taken for protection. One set of environmental manual shall be made available at the 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.	Company has its own Safe Operating Procedure (SOP) manual for all its activities. Blow Out Prevention Manual Emergency Response Plan including well control Manual been prepared and kept at each drill site during operation. Awareness training on health safety and environment conducted periodically for all staffs.

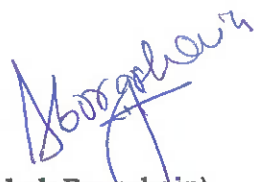
B. General Conditions:

i	The project authorities must strictly adhere to the stipulations made by the Rajasthan State Pollution Control Board (RSPCB), State Government and any other statutory authority.	All the statutory requirements/observations of the statutory bodies are complied.
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. No further expansion or modification in the project carried out without prior approval of the Ministry of Environment & forests.
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 Inspector of Factories, Chief Controller of Explosives, Fire Safety inspectorate etc. must be obtained, wherever applicable.	Noted for compliance.
iv	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods ,silencers, enclosures etc on all sources of noise generation .The ambient noise levels shall conform to the standards prescribed under EPA Rules 1989 viz 75 dBA (day time) and 70 dBA (Night time)	Complied. The acoustic enclosures provided with the DG sets and given proper stack height as per CPCB guidelines. However, no drilling activities carried out during the compliance period.
v	A separate Environmental Management cell equipped with full-fledged laboratory facilities must be set up to carry out the Environmental Management and Monitoring functions.	Complied. The environment management cell has been set up at Company's Field Head -Quarter Duliajan, Assam. Necessary laboratory facilities provided by

		OIL's Chemical department as well as out sourced if required.
vi	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. Information regarding EC accorded for the project published in local newspapers. The clearance letter also been uploaded on company's website.
vii	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of the monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional office of the MOEF, the respective Zonal office of CPCB and the RSPCB. The criteria pollutant levels namely, PM ₁₀ , SO ₂ , NO _x , HC (Methane & Non-Methane), VOCs (ambient levels as well as stack emissions) or critical parameter, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted for compliance.
viii	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated environment clearance conditions, including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional office of the MOEF, the respective Zonal office of CPCB and the RSPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Complied.
ix	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 clearance conditions and shall also be sent to the respective Regional offices of the MOEF by e-mail.	Complied. The environmental statement for financial year ending 31 st March submitted to RSPCB. Enclosed as Annexure III.
x	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	Complied. Details of the Environment Clearance published in Local Newspaper.

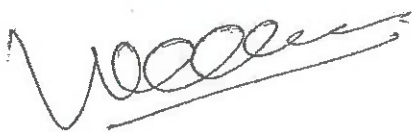
	Regional Office.	
Xi	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and date of commencing and land development work.	Wells covered under this EC drilled in phase wise manner. The financial closure will be communicated once all wells drilled under this EC.
Xii	The Ministry may revoke or suspend the clearance, if implementation of any the above conditions is not satisfactory.	Noted.
xiii	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	Noted.
xiv	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act 1974, Air (Prevention & Control of Water Pollution) Act 1981 the Environment (Protection) Act 1986, Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted.

Date: 28/10/2024


 (Ashok Borgohain)
 General Manager (Drilling)
 Mines Manager, Drilling Mine (RF)

खान प्रबंधक / Mine Manager
 वेधन खान / Drilling Mine
 ऑयल इंडिया लि. जोधपुर / Oil India Ltd. Jodhpur
 राजस्थान क्षेत्र / Rajasthan Field

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

This water supply agreement made on the 07th day of April 2017 between the Governor of the State of Rajasthan, represented by the Chief Engineer Indira Gandhi Nahar, Priyojna (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 thereof 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 Baghwala. 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 Pariyojna (IGNP) in Jaisalmer District for the above mentioned project and the GOR has agreed to supply the same.

[Signature]

[Signature] (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 Remambrancer.
- IV) Secretary, Indira Gandhi Nahar Board.
- V) Chief Engineer concerned (Member Secretary)

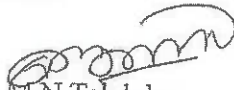
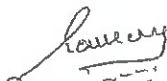
The engineer-in-charge on receipt of application along with non refundable prescribed fee, (the fee would be two percent of the amount in dispute, not exceeding Rs. One lac) from OIL INDIA LIMITED, shall refer the dispute to the committee, within a period of one month from the date of receipt of application.

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

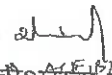


EXECUTIVE DIRECTOR (RP)
OIL INDIA LIMITED
ऑयल इण्डिया लि., जोधपुर
N.R. Deka
Executive Director (R.P.)
Oil India Ltd. Jodhpur


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) 
चौधमल चौधरी
अमुअ, इंगांनप, बीकानेर
- 2) 
ज्योती चौधरी एवं प्रा. स.
कृते अतिरिक्त मुख्य अभियन्ता
इ. गां. न. प., बीकानेर



Sustainability

BALOTRA WASTE MANAGEMENT PROJECT

(A Div. Of Re Sustainability Limited)
Formerly known as Ramky Enviro Engineers Ltd.

Treatment Storage and Disposal Facility (TSDF)

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

Teh.-Pachpadra, Dist.-Barmer, Rajasthan - 344022

E-mail : bwmp@resustainability.com, Mob. : 9672981446

Membership Certificate For Managing Hazardous Wastes

This is certify that M/s

Oil India Limited

Oil House 2A District Shopping Center Saraswati Nagar Bagni Todhaur 342005

is a member of Balotra Waste Management Project with Membership No. RESL/BWMP/2011-12

006 From 03.06.2024

and valid upto

02.06.2025

Project Head



Annexure-II



Sustainability

Date 3rd June 2024

To,

M/s. OIL INDIA LIMITED

OIL House, 2A District Shopping Centre, Saraswati Nagar
Basni, Jodhpur, Rajasthan 342005

Email id: HSE_RF@oilindia.in

Kind Attention: Sh. Siddharth Singh

Sub: -TSDF Membership

Dear Sir,

We thank you for the completion of all formalities and further welcome you as member of Balotra Waste Management Project (A Division of Re Sustainability Ltd.) for utilizing our Common Hazardous Waste Treatment Storage Disposal Facility [CHW-TSDF] to dispose your Hazardous Waste safely & securely.

We will accept your wastes for safe disposal at TSDF-Balotra Waste Management Project as per the approval/authorization from RSPCB.

Your Membership No. is **RSL/BWMP/2011-2012/006.**

We seek your co-operation & assistance to help us meet our common objectives of keeping our Environment safe and secure.

We once again thank you and assure of our best services and look forward to an environment friendly relationship.

Please contact us for any further information and clarification.

Thank you.

For RE SUSTAINABILITY LIMITED
[Unit- Balotra Waste Management Project]

Authorized Signatory



Balotra Waste Management Project
[A Division of Re Sustainability Limited]

Site Address:

Survey No & Plot No -1114/274/13 & 1115/274/14,
Village: Kher, Tehsil: Pachpadra,
Dist: Barmer - 344022, Rajasthan, India.
CIN No. U74140TG1994PLC018833

Re Sustainability Limited
[formerly known as Ramky Enviro Engineers Limited]

Registered Office:

Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City,
HITECH City Road, Hyderabad-500 081, India.
CIN No. U74140TG1994PLC018833

Certificate REG No : 44 100 20392865 (ISO 9001 : 2015)
Certificate REG No : 44 104 20392865 (ISO 14001 : 2015)
Certificate REG No : 44 126 20392865 (ISO 45001 : 2018)

T: +91 96729 81446

E: bwmp@resustainability.com
resustainability.com



FORM-V
See Rule (14)

Environmental Statement for the financial year ending the 31st March 2024

PART-A

- | | |
|--|---|
| I. Name and address of the owner/occupier of the industry operation or process | Mr. Ashok Borgohain, 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 | 09-10-2023 |

PART-B

Water and Raw Material Consumption

(i) **Water consumption m³/d**

Process - 23m³/ d

Domestic: - 6m³/ d

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
Drilling	2.06	0.84

*m³/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)	0.144	1.48
		Oil Well Cement (MT/M)	0.11	0.13
		Bentonite (MT/M)	0.020	0.0368
		Barite (MT/M)	0.018	0.0125
		Common Salt (MT/M)	0.006	0.017
		EP Lubricant (KL/M)	NIL	NIL
		Drilling Detergent (KL/M)	0.001	0.0001
		Micronized Calcium Carbonate (MT/M)	0.006	0.0078

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 μ /m ³ 2. Particulate Matter, PM10 =56.3 μ /m ³ 3. SO2=BDL μ /m ³ 4. NO2=BDL μ /m ³ 5. CO=1.0 μ /m ³ 6. Hydrocarbon as Methane=1.72 μ /m ³ 7. Hydrocarbon as Non Methane=1.19 μ /m ³ 8. VOC=1.54 μ /m ³	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	3.13 KL	3.29 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	1016 MT Drilled cuttings (Non-hazardous)	812 MT Drill cutting
(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 th 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.

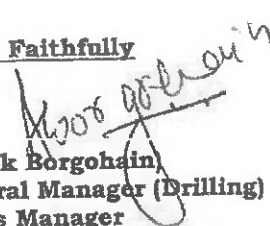
PART- I

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


(Ashok Borgohain)
General Manager (Drilling)
Mines Manager
Drilling-Mines (Rajasthan Fields)
Date: - 21/06/2024

Mine Manager
 खान प्रबन्धक
 Drilling Mine
 वेधन खान
 Oil India Limited Jodhpur
 ऑयल इण्डिया लिमिटेड, जोधपुर
 Rajasthan Project
 राजस्थान परियोजना

FORM-V
See Rule (14)

Environmental Statement for the financial year ending the 31st March 2024

PART-A

- | | |
|--|---|
| I. Name and address of the owner/occupier of the industry operation or process | Mr. Ashok Borgohain, 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 | 09.10.2023 |

PART-B
Water and Raw Material Consumption

(i) Water consumption m³/d

Process: - 26 m³/d
Domestic: - 5 m³/d

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
Drilling	0.754	3.125

* m³/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)	0.131	0.144
		Oil Well Cement (MT/M)		
		Bentonite (MT/M)		
		Barite (MT/M)		
		Common Salt (MT/M)		
		EP Lubricant (KL/M)		
		Drilling Detergent (KL/M)		
		Micronized Calcium Carbonate (MT/M)		

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 μ /m ³ 2. Particulate Matter; PM10 =86.1 μ /m ³ 3. SO ₂ =6.4 μ /m ³ 4. NO ₂ =21.5 μ /m ³ 5. CO=0.62 μ /m ³ 6. Hydrocarbon as Methane=3.21 μ /m ³ 7. Hydrocarbon as Non Methane=0.5 μ /m ³ 8. VOC=1.54 μ /m ³	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	3.3 KL	5.9 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	822 MT Drilled cuttings (Non-hazardous)	935 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 of 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.

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

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- Measurement of Ambient Air Quality and Noise Levels at well site and nearby site area.
- Drilling fluid & Drill cuttings testing through M/S Mitra S.K Private Limited (MoEF & CC recognized NABL approved laboratory).
- 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.
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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.
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Yours Faithfully

(Ashok Borgohain)
General Manager (Drilling)
Mines Manager
Drilling-Mines (Rajasthan Fields)
Date: - 21/06/2024

Mine Manager
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