

ऑयल इंडिया लिमिटेड
Oil India Limited

भारत सरकार के अधीन
एक महारत्न सीपीएसई
A Maharatna CPSE under
Government of India

राजस्थान क्षेत्र/Rajasthan Field
ऑयल हाउस, 2-ए/OIL HOUSE, 2-A
डिस्ट्रीक्ट शॉपिंग सेन्टर/Dist. Shopping Center
सरस्वती नगर, बासनी/Saraswati Nagar, Basni
जोधपुर/Jodhpur - 342 005
राजस्थान, भारत/Rajasthan, India
दूरभाष/Telephone : 0291-2729417
GST No. : 08AAAC02352C1ZX



Ref.No. RF/HSE/E-7/205/2024

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,
Jaipur 302004

Sub: Six monthly compliance report for Proposed onshore exploratory drilling of 06 no. of wells in OALP-V Block RJ-ONHP-2019/2 JAMBA, District Bikaner and Jodhpur, Rajasthan by M/s Oil India limited - Environmental Clearance reg.

Ref: F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.1(b)B2(23958)/2023-24
Dated 05.02.2024

With reference to above, please find enclosed herewith the six monthly compliance report of environmental clearance (06 Nos. of Wells at Jamba Block) 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)
For General Manager (ES & HSE)
For Executive Director (RF)

Enclosed: as above

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

Regional Officer, Jodhpur (Rajasthan)

Zonal Officer (Bhopal), Central Pollution Control Board

Six Monthly Compliance Report of Environmental Clearance of RJ-ONHP-2019/2 Jamba Mining Lease block.

EC letter no.F1(4)/SEIAA/SEAC-Raj-/Sectt/Project/Cat.1(b)B2(23958)/2023-24 dated 05th February ,2024

Period of compliance: From 31.03.2024 to 30.09.2024

A. Specific Conditions:

S. no	EC Conditions	Compliance Status
i)	Proper testing of the waste discharged from drilling will be done at prescribed each level through accredited labs. The PP will ensure that proper disposal of the Hazardous discharge if found during the drilling and exploration process will be done as per norms	Only Water based mud was used in the wells and recycled during the entire operation. No synthetic OIL based mud was used
I	Statutory Compliance	
i)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) 1Act, 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 recommendation of the approved site- specific conservation plan/wildlife management shall be implemented in the consultation with the state forest department. The implementation report shall be furnished along with the six-monthly compliance (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 and CTO obtained for the wells is enclosed as Annexure -I
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 provision contained in the Rules shall be strictly adhered to	Noted
vi)	The PP shall inform concerning RO of RSPCB before drilling operation for exploration of Oil & Gas.	Complied

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 Ambient Air reports are attached as Annexure-II
ii)	To control source and the fugitive emission, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQA. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particular emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines	Not applicable
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 installed in the upwind and downwind directions as well as where maximum ground level concentrations are anticipated.	Noted
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 16 TH November, 2009 FOR PM10 ,PM 2.5, 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 reports are attached as Annexure-II
v)	During exploration, production, storage and handling, the fugitive emission of methane, if any, shall be monitored using infra-red camera /appropriate technology.	Noted However there are no traces of methane found in the process.
vi)	The project proponent also to ensure trapping /storing of the CO2 generated , if any during the process and handling.	Noted
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 the 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 of through septic tank/soak pit.	Complied We already have soak pit at the well locations to discharge the domestic sewage.
ii)	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the	Complied

	State Pollution Control Board while granting Consent under the Air/Water Act; whichever is more stringent.	
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.	Complied Agreement between OIL and IGNP exists for withdrawal of water Enclosed as Annexure III
iv)	The company shall construct the garland drain all around the drilling site to prevent run off of any oil containing waste in to the nearby water bodies. Separated rain age 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. Only Water based mud(WBM) (NON-TOXIC/NON-HAZARDOUS) was used. Wastewater was collected in effluent pit and being treated 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 of 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 (E) Dated 30 TH August 2005.	Complied Drilling wastewater and drill cuttings wash water are collected in HDPE lined waste pit which is evaporated and treated as per standards. Drill cuttings are collected in cuttings pit and tested. TSDF membership obtained (Ref No. REEL/BWMP/2011.12/006) Enclosed Annexure IV
IV	Noise monitoring and prevention	
i)	The company shall make all arrangements for control of noise from the drilling activity. Acoustic closure shall be provided for the DG set along with the adequate stack height as per CPCB guidelines.	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 source of noise generation.	Complied Noise reports are attached as Annexure -V
iii)	The ambient noise levels shall conform to the standards prescribed under environment(Protection) Act, 1986 Rules, 1989 viz. 75 db (daytime) and 70 db (night time).	Complied Noise reports are attached as Annexure -V
V	Energy management	
i)	The energy sources for lighting purposes shall preferably be LED based	Complied

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.	<p>Complied</p> <p>No oily sludge was generated whereas the mud was water based used for drilling. However, amount of used lube oil collected from generator set and prime movers was sent to 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. are provided in the emergency response plan.</p>
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	<p>Complied</p> <p>Drilling Cutting reports are enclosed as Annexure -VI</p>

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.	Complied Emergency preparedness plan based on the hazard identification based on guidelines of OISD ,DGMS AND Govt. of India.
ii	Blow out preventer system shall be installed to prevent well blow outs 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>Complied</p> <p>Blowout Preventer BOP system was installed to prevent well blowouts during drilling operations.</p>
iii	Company shall prepare operating manual in respect of all activities, which would cover all safety & environmental 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.	<p>Complied</p> <p>Company has its own safe operating procedure (SOP) manual for all is 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 periodically for all staffs.</p>
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	All the drilling is secured at sites. Wells are abandoned by following regulatory requirements of OMR 2017 and OISD guidelines, No wells have been abandoned against this EC during this compliance period. The information has been given to the DGMS.

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 in original conditions. 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 well has been abandoned under this EC. During compliance in the event of abandonment of a well, the well abandonment policy of the company shall be followed and the wells shall be permanently abandoned, the site restored as per statutory regulations, companies' policy.
vi	The company shall take measures to prevent fire hazard, containing oil spill and soil remediation 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 during operation.	Drill sites were declared no smoking zone. Fire water storage facilities, Fire engines, Fire Hydrant line, Fire hoses, Portable Fire extinguishers etc. were provided at site to take care of any fire incident. Garland drain was constructed all around drilling site to prevent runoff of any oil containing waste into nearby water bodies.
vii	Training shall be imparted to all the 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.	Complied Moreover, MSDS was made available in English as well as local language at site to apprise the chemical workers to handle hazardous chemical safety, initial medical examination and periodical medical examination done 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.	OIL never encountered H2S while drilling. However, portable gas monitoring system with self-contained breathing sets were made available during drilling. First aid facility with doctor & ambulance service was made available at the site round 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, crèche etc. The housing , be in the form of temporary structures to be removed after the completion of the project.	Noted and Complied
X	Occupational health surveillance of the workers. Shall be done on a regular basis. And records maintained as per the Factories Act.	Complied It has been done on regular basis according to the guidelines OISD
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.	Normally in Hydrocarbon-Exploration Business the subsidence study is not required, like open cast mine. Hydrocarbon is produced from @1180m-1200m depth from hydrocarbon bearing zones of average thickness 15m – 20m. The oil produced is being fully replenished by the formation water. This replenishment along with the strength of the reservoir matrix should not allow any compaction by the overburden and thus reduces the

		chances of subsidence.
VIII	Corporate Environment Responsibility	
i	The project proponent shall comply with the provision contained in this ministry's OM vide file number. F.No. 22-65/2017/-IA.III dated 1st May 2018, as applicable regarding corporate environment responsibility.	Complied OIL has been providing adequate funds in and around the project site under the CSR scheme.
ii	The company shall have a well laid down environmental policy. Duly approved by. The Board of Directors, the environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring in to focus any infringements/deviation/violation of the environmental/forest/wild life norms/ conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/ conditions and /or shareholder's / 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 for Compliance
iii	A separate environmental cell equipped with full-fledged laboratory facilities shall be set up to carry out the environmental management and monitoring functions. Qualified personnel shall be set up under the control of the senior Executive who will directly to the head of the organization.	Complied. The environment management cell has been set up at Company's Field Head -Quarter Duliajan, Assam. Necessary laboratory facilities are provided by OIL's Chemical department. In addition, NABL laboratory as third party is also engaged to carry out the environmental monitoring requirements as per the RSPCB approved environmental monitoring plan.
iv	Action plan for implementing EMP and Environmental condition along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority the year wise funds ear marked and 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
v	Self-environmental audit shall be conducted annually every three year third party environmental audit shall be carried out.	Complied and noted
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 in the project proponents website permanently.	Complied and noted

ii	The copies of the environmental clearance shall be submitted by the project proponents to the head of local bodies, panchayats and municipal bodies in addition to their relevant offices of the government who in turn has to display the same for 30 days from the date of receipt.	Complied and Noted
iii	The project proponents 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.	Noted
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.	Noted
v	The project proponent shall submit the environmental statement of 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 & Noted
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.
vii	Restoration of the project site shall be carried out satisfactorily and report shall be sent to the ministry's regional office.	Noted However no well 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
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
x	No further expansion or modification in the plant shall be carried out without prior approval of the ministry of environment , forest and climate change(MoEF & CC)	Noted
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).	Noted
xii	The ministry may revoke or suspend the clearance, if implementation of any of 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, shall implement these conditions.	Noted
xiv	The regional office of this ministry shall monitor compliance of the stipulated conditions. The project authorities shall extend full cooperation to the officer of the regional office by furnishing the requisite data information monitoring reports.	Noted
xv	The above conditions. Shall be enforced, inter alia. Under the provisions of the Water Prevention and Control of Pollution Act, 1974, The Air Prevention and Control of the Pollution Act, 1981, The Environmental Protection Act, 1986, Hazardous and Other Waste Management and Transboundary Movements Rules, 2016. And the Publics Liability Insurance Act. 1991 along with their amendments and rules and any other orders passed by the Honourable Supreme Court of India High Court and any other court of law relating to the subject matter.	Noted
xvi	Any appeal against this etc. 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: 28/10/2024

Ashok Borgohain
(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



Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
Phone: 0291-2723225



Registered

File No : F(Tech)/Jaisalmer(Jaisalmer)/7202(1)/2023-2024/2392-2393

Order No : 2023-2024/Jodhpur/12436

Dispatch Date: Feb 12 2024 6:33PM

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 06/12/2023 and subsequent correspondence.

Sir,

Signature Not Verified

Digitally signed by Shilpi Sharma

Date: 2024.02.12 18:33:40 IST

Location: Jodhpur

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 **OALP Block - RJONHP-2019-02** plant situated / proposed at **P1J - P2J - L1J - L2J - P3J - P4J Phalodi Jodhpur Bikaner Tehsil:Baap District:PHALODI**, 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 **06/12/2023 to 30/11/2028 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	3.00 NOS.

- 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.
- 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.





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- 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(600KVA)	ACOUSTIC ENCLOSURE , ADEQUATE AIR POLLUTION CONTROL MEASURES , ADEQUATE STACK HEIGHT	--	--





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7

That this Consent to Establish under Water Act,1974 & Air Act,1981 is being issued for drilling of 03 Nos exploratory wells & 03 Nos DG sets (600 KVA) in OALP- V Block RJ-ONHP-2019/2 (Jamba) having Block area 1520 Sq. KM situated in District-Phalodi.

That the all three proposed drilling wells and workover well's locations shall be as under-

Loc_PJ1- Lat. 27033'48.64000" N, long. 72047'23.960"E

Loc_PJ2- Lat. 27024'48.8147" N, long. 72044'31.2965"E

Loc_L1J- Lat. 27026'43.3192"N, Long. 72048'49.3005"E

- 8 That this Consent to Establish under Water Act,1974 & Air Act,1981 is being issued for the proposed Capital Investment of Rs.4500 Lakhs including the cost of Land, Building, Plant and Machinery. If the unit intends to increase the capital investment in future, it shall apply and obtain separate Consent to Establish under Acts.
- 9 i. That the total water requirement for entire project shall not exceed than 35 KLD/Well for domestic purpose (05 KLD per well) and industrial/process purpose(30 KLD per well) and the requirement of same shall be met through IGNP system as submitted and the unit shall provide the suitable metering arrangement for consumption of raw water.
- ii. That the total waste water generation shall not exceed 11KLD/Well (Domestic activity 04 KLD per well) and 7 KLD from industrial activity (07 KLD per well) and the unit shall provide metering arrangement at the suitable points to measure the quantum of waste water generation from domestic and industrial activity.
- iii. That the waste water generated from the domestic activity shall be disposed off through scientifically designed septic tank and soak pits and the waste water generated from the industrial activity shall be disposed off through properly designed Effluent treatment plants having the capacity of 4.5 Tons per hour for the treatment of water-based mud generated from the drilling activity.
- iv. That this Consent to Establish is being issued on the base of PML(Petroleum Mining Lease) issued to unit for the proposed well locations by Mines and Petroleum Deptt.,GoR vide its order dated 16/06/2023.
- 10 That the industry shall comply with all the conditions of Environmental Clearance issued by the Ministry of Environment & Forests, Govt. of India {issued by the State Environment Impact assessment authority (SEIAA), Rajasthan} vide letter F. No. SIA/RJ/IND2/444161/2023 dated 05/02/2024 under Sector 1(b) & Category B2.





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- 11 That the industry shall comply with all the conditions of Petroleum Mining Lease(PML) issued by the Mines and Petroleum Deptt.,GoR vide its letter no. 18(9)/Mines/Gr-1/2020 dated 17/06/2021.
- 12 That unit Shall install ETP of adequate capacity to treat the industrial effluent.
- 13 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.
- 14 i. 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.
ii. 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.
iii. That the unit shall use only water based drilling method for exploration of natural gases and no oil and chemical shall be mixed with the mud. Drilling cutting thus produced from water based mud shall be disposed off in proper scientific manner.
iv. That good sanitation facility shall be provided at the drilling site. Domestic sewage shall be disposed off through septic tank/soak pit.
v. 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.
vi. That no waste water shall be discharged outside and inside the premises so as to maintain zero discharge status.

Signature Not Verified
Digitally signed by Shilpi Sharma
Date: 2024.02.12 18:33:10 IST
Reason: Self Attested
Local time





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
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- 15 i. 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).
- ii. That the industry shall not use pet coke/furnace oil in any process/service/utility in compliance to the order dated 24/10/2017 of Hon'ble Supreme Court, wherein ban has been imposed on the use of pet coke and furnace oil in the State of Rajasthan.
- iii. That stack of adequate height and acoustic enclosure shall be provided with the
- iv. D.G. Sets.
- v. That all fuels, lubricants and chemicals will be kept in well-designed storage facility with regular inventory checking.
- vi. That the unit shall maintain safe & adequate infrastructure facility in accordance with emission regulation part-III issued by the Central Pollution Control Board at the stack of all the sources of air pollution for stack emission monitoring.
- vii. That the pucca approach Road shall be made to minimize generation of suspended dust.
- viii. That no production of hydrocarbon shall be done without consent of the State Board.
- 16 i. That effective control measures shall be provided to control fugitive emissions during processing, transportation, parking etc.
- ii. That the industry shall comply with the provisions of Hazardous and other waste (Management and Transboundary movement) Rules,2016.
- iii. That the area under plantation within the premises shall not be less than 33%. Green belt shall also be developed outside the premises as avenue plantation, plantation on vacant areas, social forestry etc.
- iv. That the industry shall install adequately designed rain water harvesting structure for recharge of ground water in and around the area.
- v. That this consent is issued to the unit on the basis of documents submitted by the applicant, if any discrepancies is found in the document/facts submitted by the unit then the consent shall be treated as revoked without any further notice and the unit shall be liable for action in accordance with provisions of law.

Signature Not Verified
Digitally signed by Philol Sharma
Date: 2024.02.12 18:33:10 IST
Reason: Self Attested
Location: Jodhpur





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
Phone: 0291-2723225

Registered

File No : F(Tech)/Jaisalmer(Jaisalmer)/7202(1)/2023-2024/2392-2393

Order No : 2023-2024/Jodhpur/12436

Dispatch Date: Feb 12 2024 6:33PM

Unit Id : 75816

17 i. That the unit shall comply the provisions of Rajasthan Gazette Extraordinary Notification dated 26/05/2016 issued by Department of Environment & shall apply for Consent to Operate before two months from expiry of this Consent to Establish or apply two months before the date of commissioning whichever is earlier to avoid payment of additional fees.

ii. In case of failure to comply with any of the consent conditions stated as above, the consent issued to the industry shall automatically stands revoked without any notice.

iii. That, notwithstanding anything provided hereinabove, the State Board shall have the 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 of the conditions imposed here in above and to make such variation as it deems fit for the purpose of compliance of the Water Act and Air Act.

iv. 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.

v. 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.

18 That, notwithstanding anything provided hereinabove, the State Board shall have the 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 of the conditions imposed here in above and to make such variation as it deems fit for the purpose of compliance of the Water Act and Air Act.

19 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.

20 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.





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
Phone: 0291-2723225

Registered

File No : F(Tech)/Jaisalmer(Jaisalmer)/7202(1)/2023-2024/2392-2393

Order No : 2023-2024/Jodhpur/12436

Dispatch Date: Feb 12 2024 6:33PM

Unit Id : 75816

This **Consent to Establish** shall also be subject, besides 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 relevant provisions of the said Act(s).

Signature Not Verified
Digitally signed by Shilpi Sharma
Date: 2024.02.12 18:33:10 IST
Reason: Self Attested
Location:

Yours sincerely,

Regional Officer[Jodhpur]

(A): Copy to:-

1 Master File.

Regional Officer[Jodhpur]





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
Phone: 0291-2723225



Registered

File No : F(Tech)/Jaisalmer(Jaisalmer)/7202(1)/2023-2024/2516-2517

Order No : 2023-2024/Jodhpur/12490

Date: Mar 5 2024 6:24PM

Unit Id : 75816

M/s OIL INDIA LIMITED ,Rajasthan Project

2A-DISTRICT SHOPPING CENTER, SARASWATI NAGAR,BASNI
, JODHPUR

Sub: **Consent to Operate** 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 for Consent to Operate dated 13/02/2024 and subsequent correspondence.

Sir,

Consent to Operate 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 **OALP Block - RJONHP-2019-02 plant** situated at **P1J - P2J - L1J - L2J - P3J - P4J Phalodi Jodhpur Bikaner Tehsil:Baap District:PHALODI** , Rajasthan, subject to the following conditions:-

- 1 That this Consent to Operate is valid for a period from **13/02/2024 to 31/01/2029** .
- 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 with Unit
DRILLING OF EXPLORATORY WELL	Activity	3.00 NOS.

- 3 That this Consent to Operate is for existing plant, process & capacity and separate Consent to Establish/Operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.
- 4 That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under:

Signature Not Verified

Digitally signed by Shilpi Sharma
Date: 2024.03.05 18:27:24 IST
Reason: Self Attested
Location:





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
Phone: 0291-2723225

Registered

File No : F(Tech)/Jaisalmer(Jaisalmer)/7202(1)/2023-2024/2516-2517

Order No : 2023-2024/Jodhpur/12490

Date: Mar 5 2024 6:24PM

Unit Id : 75816

Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD) and mode of disposal
Domestic Sewage	4.000	NIL	4.000 Septic Tank and soak pit or through sewage treatment plant
Trade Effluent	7.000	4.000	3.000 Treated in Effluent Treatment plant and reuse in process/ plantation within premises

- 5 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 (03 Nos.)(600KW EACH)	ACOUSTIC ENCLOSURE , ADEQUATE AIR POLLUTION CONTROL MEASURES , ADEQUATE STACK HEIGHT	--	--

- 6 That this consent to operate under Water Act, 1974 & Air Act 1981 is being issued for drilling of 03 nos of exploratory wells & 3 nos of D.G. Set (600 KVA) in OALP-V Block RJ-ONHP-2019/2 (Jamba) having block area 1520 Sq.Km situated in district-Jodhpur.
- 7 That this Consent to Operate under Water Act, 1974 & Air Act, 1981 is being issued for the proposed Capital Investment of Rs. 4500 Lakhs including the cost of Land, Building, Plant and Machinery. If the unit intends to increase the capital investment in future, it shall apply and obtain separate Consent to Establish under Acts.

Signature Not Verified

Digitally signed by Shilpi Sharma
Date: 2024.03.05 18:27:24 IST
Reason: Self Attested
Location:





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
Phone: 0291-2723225

Registered

File No : F(Tech)/Jaisalmer(Jaisalmer)/7202(1)/2023-2024/2516-2517

Order No : 2023-2024/Jodhpur/12490

Date: Mar 5 2024 6:24PM

Unit Id : 75816

- 8 i. That the total water requirement for entire project shall not exceed than 35 KLD/Well for domestic purpose (05 KLD per well) and industrial/process purpose(30 KLD per well) and the requirement of same shall be met through IGNP system as submitted and the unit shall provide the suitable metering arrangement for consumption of raw water.
- ii. That the total waste water generation shall not exceed 11KLD/Well (Domestic activity 04 KLD per well) and 7 KLD from industrial activity (07 KLD per well) and the unit shall provide metering arrangement at the suitable points to measure the quantum of waste water generation from domestic and industrial activity.
- iii. That the waste water generated from the domestic activity shall be disposed off through scientifically designed septic tank and soak pits and the waste water generated from the industrial activity shall be disposed off through properly designed Effluent treatment plants having the capacity of 4.5 Tons per hour for the treatment of water-based mud generated from the drilling activity.
- iv. That this Consent to Operate is being issued on the base of PML(Petroleum Mining Lease) issued to unit for the proposed well locations by Mines and Petroleum Deptt.,GoR vide its order dated 16/06/2023
- 9 That the industry shall comply with all the conditions of Environmental Clearance issued by the Ministry of Environment & Forests, Govt. of India {issued by the State Environment Impact assessment authority (SEIAA), Rajasthan} vide letter F. No. SIA/RJ/IND2/444161/2023 dated 05/02/2024 under Sector 1(b) & Category B2
- 10 That the industry shall comply with all the conditions of Petroleum Mining Lease(PML) issued by the Mines and Petroleum Deptt.,GoR vide its letter no. 18(9)/Mines/Gr-1/2020 dated 17/06/2021.
- 11 That unit Shall install ETP of adequate capacity to treat the industrial effluent.
- 12 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.

Signature Not Verified

Digitally signed by Shilpi Sharma
Date: 2024.03.05 18:27:24 IST
Reason: SelfAttested
Location:





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
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Order No : 2023-2024/Jodhpur/12490

Date: Mar 5 2024 6:24PM

Unit Id : 75816

- 13 i. 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
- ii. 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.
- iii. That the unit shall use only water based drilling method for exploration of natural gases and no oil and chemical shall be mixed with the mud. Drilling cutting thus produced from water based mud shall be disposed off in proper scientific manner.
- iv. That good sanitation facility shall be provided at the drilling site. Domestic sewage shall be disposed off through septic tank/soak pit.
- v. 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.
- vi. That no waste water shall be discharged outside and inside the premises so as to maintain zero discharge status.
- i. 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).
- ii. That the industry shall not use pet coke/furnace oil in any process/service/utility in compliance to the order dated 24/10/2017 of Hon'ble Supreme Court, wherein ban has been imposed on the use of pet coke and furnace oil in the State of Rajasthan.
- iii. That stack of adequate height and acoustic enclosure shall be provided with the 03 D.G. Sets.
- v. That all fuels, lubricants and chemicals will be kept in well-designed storage facility with regular inventory checking.
- vi. That the unit shall maintain safe & adequate infrastructure facility in accordance with emission regulation part-III issued by the Central Pollution Control Board at the stack of all the sources of air pollution for stack emission monitoring.
- vii. That the pucca approach Road shall be made to minimize generation of suspended dust.

Signature Not Verified

Digitally signed by Shilpi Sharma
Date: 2024.03.05 18:27:24 IST
Reason: SelfAttested
Location:





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
Phone: 0291-2723225

Registered

File No : F(Tech)/Jaisalmer(Jaisalmer)/7202(1)/2023-2024/2516-2517

Order No : 2023-2024/Jodhpur/12490

Date: Mar 5 2024 6:24PM

Unit Id : 75816

- viii. That no production of hydrocarbon shall be done without consent of the State Board.
- 14 i. That effective control measures shall be provided to control fugitive emissions during processing, transportation, parking etc.
- ii. That the industry shall comply with the provisions of Hazardous and other waste (Management and Transboundary movement) Rules, 2016.
- iii. That the area under plantation within the premises shall not be less than 33%. Green belt shall also be developed outside the premises as avenue plantation, plantation on vacant areas, social forestry etc.
- iv. That the industry shall install adequately designed rain water harvesting structure for recharge of ground water in and around the area.
- 15 i. That the unit shall comply the provisions of Rajasthan Gazette Extraordinary Notification dated 26/05/2016 issued by Department of Environment & shall apply for Consent to Operate before two months from expiry of this Consent or apply two months before the date of commissioning whichever is earlier to avoid payment of additional fees.
- ii. In case of failure to comply with any of the consent conditions stated as above, the consent issued to the industry shall automatically stands revoked without any notice.
- iii. That, notwithstanding anything provided hereinabove, the State Board shall have the 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 of the conditions imposed here in above and to make such variation as it deems fit for the purpose of compliance of the Water Act and Air Act.
- iv. That the grant of this Consent to Operate 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.
- v. That the grant of this Consent to Operate 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.
- 16 That unit shall inform this office before operations other 02 exploratory well for post verification to check adequacy of pollution control measures adopted.

Signature Not Verified

Digitally signed by Shilpi Sharma
Date: 2024.03.05 18:27:24 IST
Reason: SelfAttested
Location:





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
Phone: 0291-2723225

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File No : F(Tech)/Jaisalmer(Jaisalmer)/7202(1)/2023-2024/2516-2517

Order No : 2023-2024/Jodhpur/12490

Date: Mar 5 2024 6:24PM

Unit Id : 75816

- 17 That, notwithstanding anything provided hereinabove, the State Board shall have the 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 of the conditions imposed here in above and to make such variation as it deems fit for the purpose of Air Act & Water Act.
- 18 That the grant of this **Consent to Operate** 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.
- 19 That the grant of this **Consent to Operate** shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Water Act and Air Act or the Rules made thereunder.
- 20 That the Project Proponent shall comply with provisions of the E-waste (Management) Rules, 2016 and ensure that e-waste generated by them is channelized through collection centre or dealer of authorized producer or dismantler or recycler or through designated take back service provider of the producer to authorized dismantler or recycler.
- 21 That the Project Proponent shall maintain record of e-waste generated by them in Form-2 and make such records available for scrutiny by the Board.
- 22 That the Project Proponent shall file annual returns in Form-3, to the Board on or before the 30th day of June following the financial year to which that return relates.
- 23 That the transportation of e-waste shall be carried out as per the manifest system whereby the transporter shall be required to carry a document (three copies) prepared by the sender, giving the details as per Form-6.
- 24 That the Project Proponent shall comply with provisions of the Batteries (Management and Handling) Rules, 2001 (as amended) and submit half yearly returns (as bulk consumer, importer, auctioneer, recycler as the case may be) to the State Board as provided under Rule 10 (2) (ii) of the Battery (Management and Handling) Rules, 2001 (as amended). In case the Project Proponent is not a bulk consumer even then the used batteries shall be returned to the authorized dealers or recyclers only.
- 25 That the record of batteries purchased and sold/ returned to registered dealers and/ or authorized recyclers shall be maintained and made available to the officers of the Board during inspections.

Signature Not Verified

Digitally signed by Shilpi Sharma
Date: 2024.03.05 18:27:24 IST
Reason: SelfAttested
Location:





Regional Office Jodhpur
Rajasthan State Pollution Control Board
SPL-I, Phase-I, Basni Ind. Area, Jodhpur
Phone: 0291-2723225

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File No : F(Tech)/Jaisalmer(Jaisalmer)/7202(1)/2023-2024/2516-2517

Order No: 2023-2024/Jodhpur/12490

Date: Mar 5 2024 6:24PM

Unit Id : 75816

This **Consent to Operate** shall also be subject, besides 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 Operate** and Project Proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).

Yours sincerely,

Regional Officer[Jodhpur]

(A): Copy to:-

1 Master File.

Regional Officer[Jodhpur]

Signature Not Verified

Digitally signed by Shilpi Sharma
Date: 2024.03.05 18:27:24 IST
Reason: SelfAttested
Location:





ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 CERTIFIED LABORATORY

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

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

Website : www.aalkundli.com

TEST REPORT

Page 1 of 1

AMBIENT AIR QUALITY MONITORING REPORT

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: Ambient Air Quality Monitoring

Date of Sampling: 04/05/2024 to 05/05/2024

Contract No: GEMC-511687709317073

Project Location: OJMA-1, Jambheshwar

Sampling Location: Near Main Gate

Report No. AAL ENV-20240511001

Date of Receiving: 11/05/2024

Date of Starting: 11/05/2024

Date of Completion: 16/05/2024

Date of Reporting: 16/05/2024


Weather Condition: Sunny

Sampling Done By: AAL

S. No.	Test Parameter	Unit	Results	Limits NAAQS Monitoring & Analysis Guidelines Volume-I	Test Methods
1	Particulate Matter, PM ₁₀	µg/m ³	93.5	100	IS-5182(P-23)-2006
2	Particulate Matter, PM _{2.5}	µg/m ³	50.2	60	IS-5182(P-24)-2019
3	Sulphur Dioxide (as SO ₂)	µg/m ³	12.7	80	IS-5182 (P-2)-2001
4	Oxide of Nitrogen (as NO ₂)	µg/m ³	34.6	80	IS-5182(P-6)-2006
5	Carbon Monoxide (as CO)	mg/m ³	0.85	2 (8hr)/4 (1hr)	IS-5182(P-10)-1999
6	Ozone (as O ₃)	µg/m ³	45.6	100(8hr)/180(1hr)	IS-5182(P-9)-1974
7	Ammonia (as NH ₃)	µg/m ³	30.3	400	IS-5182(P-25)-2018
8	Lead (as Pb)	µg/m ³	BDL (DL=0.1)	1	IS-5182(P-22)-2004
9	Nickel (as Ni)	ng/m ³	BDL (DL=1.0)	20	IS-5182(P-22)-2004
10	Arsenic (as As)	ng/m ³	BDL (DL=1.0)	6	IS-5182(P-22)-2004
11	VOC (Including the value of Benzene & Toluene)	µg/m ³	BDL (DL=1.0)	5	NIOSH 6015-2005
12	Benzo a-pyrene (BaP)	ng/m ³	BDL (DL=0.1)	1	CPCB/GC Method
13	Mercury (as Hg)	µg/m ³	BDL (DL=0.001)	NS	By Air APHA
14	Hydrocarbon (as Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979
15	Hydrocarbon (as Non Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979

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

****End of Report****


ASHUTOSH SRIVASTAVA
Deputy Technical Manager
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.
2. Total liability of our laboratory is limited to the invoice amount.
3. This report shall not be reproduced wholly or in part without written consent of the laboratory.
4. This report shall not be used in any advertising media or as evidence in the court of law without prior written consent of the laboratory.
5. The non-perishable sample received shall be destroyed after one month and perishable sample shall be destroyed after one week from the date of issue of report unless specified.



ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 CERTIFIED LABORATORY

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

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

Website : www.aalkundli.com

TEST REPORT

Page 1 of 1

AMBIENT AIR QUALITY MONITORING REPORT

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: Ambient Air Quality Monitoring

Date of Sampling: 04/05/2024 to 05/05/2024

Contract No: GEMC-511687709317073

Project Location: OJMA-1, Jambheshwar

Sampling Location: Near D S Office

Report No. AAL ENV-20240511002

Date of Receiving: 11/05/2024

Date of Starting: 11/05/2024

Date of Completion: 16/05/2024

Date of Reporting: 16/05/2024

Weather Condition: Sunny

Sampling Done By: AAL

S. No.	Test Parameter	Unit	Results	Limits NAAQS Monitoring & Analysis Guidelines Volume-I	Test Methods
1	Particulate Matter, PM ₁₀	µg/m ³	88.4	100	IS-5182(P-23)-2006
2	Particulate Matter, PM _{2.5}	µg/m ³	48.2	60	IS-5182(P-24)-2019
3	Sulphur Dioxide (as SO ₂)	µg/m ³	14.5	80	IS-5182 (P-2)-2001
4	Oxide of Nitrogen (as NO ₂)	µg/m ³	18.9	80	IS-5182(P-6)-2006
5	Carbon Monoxide (as CO)	mg/m ³	0.75	2 (8hr)/4 (1hr)	IS-5182(P-10)-1999
6	Ozone (as O ₃)	µg/m ³	48.6	100(8hr)/180(1hr)	IS-5182(P-9)-1974
7	Ammonia (as NH ₃)	µg/m ³	32.4	400	IS-5182(P-25)-2018
8	Lead (as Pb)	µg/m ³	BDL (DL=0.1)	1	IS-5182(P-22)-2004
9	Nickel (as Ni)	ng/m ³	BDL (DL=1.0)	20	IS-5182(P-22)-2004
10	Arsenic (as As)	ng/m ³	BDL (DL=1.0)	6	IS-5182(P-22)-2004
11	VOC (Including the value of Benzene & Toluene)	µg/m ³	BDL (DL=1.0)	5	NIOSH 6015-2005
12	Benzo a-pyrene (BaP)	ng/m ³	BDL (DL=0.1)	1	CPCB/GC Method
13	Mercury (as Hg)	µg/m ³	BDL (DL=0.001)	NS	By Air APHA
14	Hydrocarbon (as Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979
15	Hydrocarbon (as Non Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979

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

****End of Report****


ASHUTOSH SRIVASTAVA
Deputy Technical Manager
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.
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5. The non-perishable sample received shall be destroyed after one month and perishable sample shall be destroyed after one week from the date of issue of report unless specified.



ARIHANT ANALYTICAL LABORATORY PVT. LTD.

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TEST REPORT

Page 1 of 1

AMBIENT AIR QUALITY MONITORING REPORT

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: Ambient Air Quality Monitoring

Date of Sampling: 04/05/2024 to 05/05/2024

Contract No: GEMC-511687709317073

Project Location: OJMA-1, Jambheshwar

Sampling Location: Near PCR Room

Report No. AAL ENV-20240511003

Date of Receiving: 11/05/2024
Date of Starting: 11/05/2024
Date of Completion: 16/05/2024
Date of Reporting: 16/05/2024
Weather Condition: Sunny
Sampling Done By: AAL

S. No.	Test Parameter	Unit	Results	Limits NAAQS Monitoring & Analysis Guidelines Volume-I	Test Methods
1	Particulate Matter, PM ₁₀	µg/m ³	86.3	100	IS-5182(P-23)-2006
2	Particulate Matter, PM _{2.5}	µg/m ³	42.5	60	IS-5182(P-24)-2019
3	Sulphur Dioxide (as SO ₂)	µg/m ³	11.6	80	IS-5182 (P-2)-2001
4	Oxide of Nitrogen (as NO ₂)	µg/m ³	19.4	80	IS-5182(P-6)-2006
5	Carbon Monoxide (as CO)	mg/m ³	0.80	2 (8hr)/4 (1hr)	IS-5182(P-10)-1999
6	Ozone (as O ₃)	µg/m ³	46.2	100(8hr)/180(1hr)	IS-5182(P-9)-1974
7	Ammonia (as NH ₃)	µg/m ³	34.5	400	IS-5182(P-25)-2018
8	Lead (as Pb)	µg/m ³	BDL (DL=0.1)	1	IS-5182(P-22)-2004
9	Nickel (as Ni)	ng/m ³	BDL (DL=1.0)	20	IS-5182(P-22)-2004
10	Arsenic (as As)	ng/m ³	BDL (DL=1.0)	6	IS-5182(P-22)-2004
11	VOC (Including the value of Benzene & Toluene)	µg/m ³	BDL (DL=1.0)	5	NIOSH 6015-2005
12	Benzo a-pyrene (BaP)	ng/m ³	BDL (DL=0.1)	1	CPCB/GC Method
13	Mercury (as Hg)	µg/m ³	BDL (DL=0.001)	NS	By Air APHA
14	Hydrocarbon (as Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979
15	Hydrocarbon (as Non Methane)	ppm	BDL (DL=1.0)	NS	IS-5182 (P-17)-1979

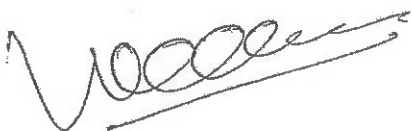
NS=Not Specified, BDL=Below Detection Limit & DL=Detection Limit

****End of Report****


ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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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

कानून (अदालत)
9 OCT 2016

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 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 Pariyojna (IGNP) in Jaisalmer District for the above mentioned project and the GOR has agreed to supply the same.

[Handwritten signature]

[Handwritten 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 out side 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, muting, 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:



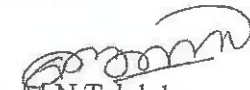
EXECUTIVE DIRECTOR (RP)
OIL INDIA LIMITED
ऑयल इण्डिया लि., जोधपुर
N.R. Deka
Executive Director (R.P.)
Oil India Ltd. Jodhpur



CHIEF ENGINEER
INDIRA GANDHI NAHAR BOARD
मुख्य अभियन्ता
इन्दिरा गांधी नहर परियोजना
बीकानेर

On behalf of
Governor of the State of Rajasthan

Witness:

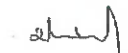


1) M N Talukdar




2) Gaurav Goel

Witness:



1) चौथमिल चौधरी
अमुअ, ईगानप, बीकानेर



2) अधिशायी अभियन्ता एवं प्र. 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 Bani 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





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 118, 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





ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 CERTIFIED LABORATORY

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

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

Website : www.aalkundli.com

TEST REPORT

Page 1 of 1

AMBIENT NOISE QUALITY MONITORING REPORT

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: Ambient Noise Quality Monitoring

Date of Sampling: 04/05/2024 to 05/05/2024

Contract No: GEMC-511687709317073

Project Location: OJMA-1, Jambheshwar

Sampling Location: Near Main Gate

Report No. AAL ENV-20240511004

Date of Receiving: 11/05/2024

Date of Starting: 11/05/2024

Date of Completion: 16/05/2024

Date of Reporting: 16/05/2024

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 06:00AM-10:00PM	Night Time 10:00PM-06:00AM
I	Noise Level					
	Leq-Day	dB(A)	56.8		A: Industrial Area 75	70
					B: Commercial Area 65	55
	Leq-Night	dB(A)	48.4		C: Residential Area 55	45
					D: Silence Zone 50	40

****End of Report****

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TEST REPORT

Page 1 of 1

AMBIENT NOISE QUALITY MONITORING REPORT

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: Ambient Noise Quality Monitoring

Date of Sampling: 04/05/2024 to 05/05/2024

Contract No: GEMC-511687709317073

Project Location: OJMA-1, Jambheshwar

Sampling Location: Near D S Office

Report No. AAL ENV-20240511005

Date of Receiving: 11/05/2024
Date of Starting: 11/05/2024
Date of Completion: 16/05/2024
Date of Reporting: 16/05/2024
Weather Condition: Sunny
Sampling Done By: AAL

S. No.	Test Parameter	Unit	Results	Requirement		
				Limits as per CPCB norms in dB(A) Leq		
1	Noise Level	dB(A)	57.3	Category of Area / Zone	Day Time 06:00AM-10:00PM	Night Time 10:00PM-06:00AM
				A: Industrial Area	75	70
	Leq-Night	dB(A)	46.9	B: Commercial Area	65	55
				C: Residential Area	55	45
				D: Silence Zone	50	40

****End of Report****

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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AMBIENT NOISE QUALITY MONITORING REPORT

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: Ambient Noise Quality Monitoring

Date of Sampling: 04/05/2024 to 05/05/2024

Contract No: GEMC-511687709317073

Project Location: OJMA-1, Jambheshwar

Sampling Location: Near PCR Room

Report No. AAL ENV-20240511006

Date of Receiving: 11/05/2024

Date of Starting: 11/05/2024

Date of Completion: 16/05/2024

Date of Reporting: 16/05/2024

Weather Condition: Sunny

Sampling Done By: AAL

S. No.	Test Parameter	Unit	Results	Requirement		
				Limits as per CPCB norms in dB(A) Leq		
1	Noise Level			Day Time		Night Time
				06:00AM-10:00PM		10:00PM-06:00AM
	Leq-Day	dB(A)	61.2	A: Industrial Area	75	70
	Leq-Night	dB(A)	49.8	B: Commercial Area	65	55
				C: Residential Area	55	45
				D: Silence Zone	50	40

****End of Report****

ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TEST REPORT

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: OJMA-1, Jambheshwar

Contract No. GEMC-511687709317073

Report No. AAL MIS-20240511001

Date of Receiving: 11/05/2024

Date of Starting: 11/05/2024

Date of Completion: 16/05/2024

Date of Reporting: 16/05/2024

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

****End of Report****



ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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TEST REPORT

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: OJMA-1, Jambheshwar

Contract No. GEMC-511687709317073

Report No. AAL MIS-20240511002

Date of Receiving: 11/05/2024

Date of Starting: 11/05/2024

Date of Completion: 16/05/2024

Date of Reporting: 16/05/2024

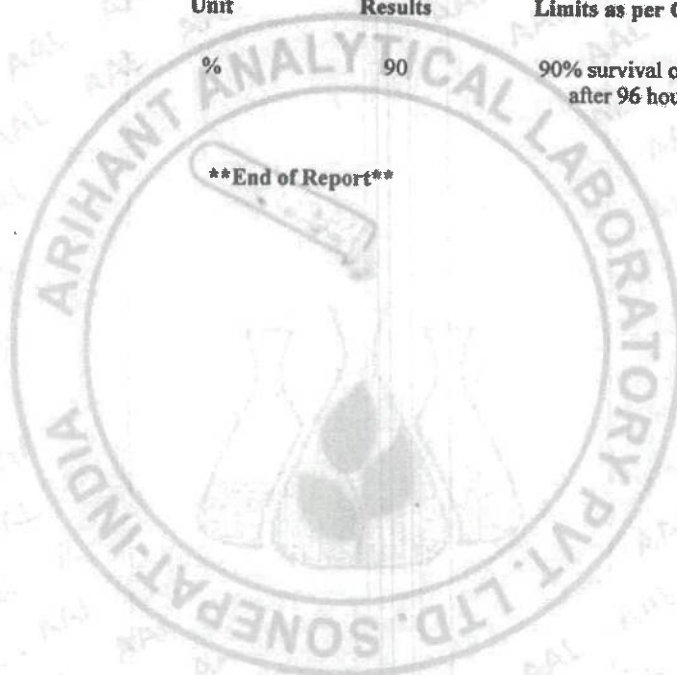
Sample Qty.: 1 Litre

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	90% survival of fish after 96 hours	IS:6582(P-2)-2001

****End of Report****



ASHUTOSH SRIVASTAVA
Deputy Technical Manager
Authorised Signatory

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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	<ol style="list-style-type: none"> 1. Particulate matter, PM 2.5=35.6μ/m³ 2. Particulate Matter, PM10 =56.3μ/m³ 3. SO₂=BDL μ/m³ 4. NO₂=BDL μ/m³ 5. CO=1.0μ/m³ 6. Hydrocarbon as Methane=1.72μ/m³ 7. Hydrocarbon as Non Methane=1.19μ/m³ 8. VOC=1.54 μ/m³ 	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.

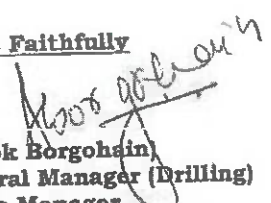
PART- I

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
 देशन 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)		

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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 5. 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

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PART- I

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

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