

Date: 14.11.2025

Ref.: CB-ONHP-2018/3/EC/Dec-25/1

Head of Office,  
Integrated Regional Office, Gandhi Nagar  
Ministry of Env., Forest and Climate Change  
Room No. 407, Aranya Bhawan,  
Near CH-3 Circle, Sector-10A,  
Gandhinagar, Gujarat - 382010

**Sub:** Six-monthly status Report on progressive compliance to Environmental Clearance (EC) conditions for Onshore Oil & Gas Exploration, Appraisal and Early Production in CB-ONHP-2018/3 block in Kheda & Anand Districts, Gujarat.

**Ref:** File no. SIA/GJ/25802/2022 dated 10.11.2022, EC Identification no. EC22B002GJ134206

Dear Sir,

We are pleased to submit a point wise compliance status report of the conditions stipulated in the Environmental Clearance accorded by SEIAA, Gujarat for CB-ONHP-2018/3 block for the period of April 2025 to September 2025.

Thanking you,

Yours faithfully,  
For Vedanta Limited (Div.: Cairn Oil & Gas)

**Dr BR** Digitally  
**Jat** signed by  
Dr BR Jat

**Dr. Bhoma Ram Jat**  
**Chief Manager Environment**

**Enclosures:** As above

Copy to:

1. The Member Secretary, Gujarat Pollution Control Board, Gandhinagar
2. Regional Office, Central Pollution Control Board, Vadodara
3. The Member Secretary, SEIAA, Gujarat

#### **VEDANTA LIMITED**

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CIN: L13209MH1965PLC291394

**SIX-MONTHLY REPORT  
ON PROGRESSIVE COMPLIANCE TO ENVIRONMENTAL CLEARANCE CONDITIONS**

Project name:	Onshore Oil & Gas Exploration, Appraisal and Early Production in CB-ONHP-2018/3 block, (519.17 km <sup>2</sup> ) in Kheda & Anand Districts of Gujarat.
Environmental Clearance letter no.:	SIA/GJ/25802/2022 dated 10.11.2022, EC Identification no. EC22B002GJ134206
Reporting period:	April 2025 to September 2025
Project activity during reporting period:	Exploratory well drilling activities carried out at site during this reporting period.
Overall status of activities w.r.t. project defined in EC:	<p><b>Project defined in EC:</b></p> <ul style="list-style-type: none"> <li>• Drilling of Exploratory &amp; Appraisal Wells: 57 Nos.</li> <li>• 12 no. of Early Production Units/ Quick Production Unit: 24,000 BOPD Crude Oil and 40 MMSCFD associated Natural Gas.</li> </ul> <p><b>Overall Status:</b></p> <p>One Exploratory and appraisal well has been drilled at Well Pad # SIMBA, Location at Survey No.798, 799, 816, 833, 834, 835, Vill. Mobha, Teh. Tarapur, Dist. Anand, Gujarat. Location Latitude-22°26'58.0798" N &amp; Longitude-72°40'12.1002" E. (Duration Jun 2025 to Aug 2025). No commercially viable discovery found, the well has been plugged, and site restoration is in process.</p>

S.No.	EC Conditions	Compliance Status
<b>A.1</b>	<b>Special Condition</b>	
1	Project proponent (PP) shall obtain separate environmental clearance for commercial drilling & exploration as this proposal is for drilling of exploration activity only as per EIA Notification 2006 and amendment dated 16.01.2020 (Category B2 of activity 1(b))	<b><u>Noted and will be complied with.</u></b> Exploratory drilling carried out in one well. No commercially viable discovery found and hence the well has been plugged, and site restoration is in process.
2	No drilling shall be carried out in protected areas.	<b><u>Complied.</u></b> There is no protected area within the block or within the 10 km radius. No project activity is involved in protected area.
3	The Company shall make all arrangements at the drilling site to prevent runoff of any oil containing waste into nearby water bodies. Separate drainage system shall be created for oil contamination & non-oil contaminated. Effluent shall be properly treated & treated wastewater shall confirm to CPCB/ GPCB standards.	<b><u>Complied.</u></b> No runoff of any oil containing waste into the nearby water bodies. Separate drainage was provided to prevent any mixing of storm water with any effluent and oil containing waste.  Effluent from drilling activities was collected in HDPE lined pits, treated, and reused for mud preparation, dust suppression and other misc. purposes.
4	Drill cuttings separated from drilling fluid shall be adequately washed & disposed according to HWMH rule, 2016. No effluent/ drilling mud/ drill cutting shall be discharged/disposed off into nearby surface water bodies. The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546 dated 30 the August 2005.	<b><u>Complied.</u></b> The waste drill cuttings associated with SBM are washed in shale shaker and treated in centrifuge & cutting dryer for removal of oil content and collected and disposed to TSDF authorized by the Gujarat Pollution Control Board (GPCB).  The effluent generated from drilling activities was collected in HDPE lined pits, treated in ETP and reused for mud preparation, dust suppression and other misc. purposes.  The drill cutting associated with WBM are washed in shale shaker and used as sub-grade construction material in low-lying areas.
5	Oil Spillage prevention & 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.	<b><u>Complied.</u></b> Oil spill prevention and mitigation scheme has been prepared. The recyclable waste such as Oily sludge and spent oil are being disposed through the authorised recyclers as per norm

S.No.	EC Conditions	Compliance Status
6	After completion of drilling activities case of non-availability of hydrocarbons, the site shall be restored back to its normal condition as per the prevailing Rules/ Guidelines/ Site restoration policy.	<b>Complied.</b> The well had been plugged since no commercially viable discovery was found, The drill site restoration is in process.
7	PP shall adopt best drilling practices & drilling operations shall designed in such a way that there is no chance of contamination of ground water aquifer.	Adequate measures such as HDPE liner for effluent collection, hazardous waste pits, waste management etc. have been adopted during drilling activities. Casing has been provided for drilling of wells.
8	PP shall take all precautionary measures to avoid any contamination of groundwater.	Adequate measures such as HDPE liner for effluent collection, hazardous waste pits, waste management etc. have been adopted during drilling activities. Casing has been provided for drilling of wells.
9	The National Ambient Air Quality Emission Standards issued by the ministry vide G.S.R no. 826(E) dated 16 <sup>th</sup> November,2009 shall be complied with.	<b>Complied.</b> Ambient Air Quality monitoring has been carried out in pre-drilling, during drilling and post-drilling phases. Monitoring reports are enclosed as <b>Annexure-1</b> . Parameters are found to be within prescribed limits.
10	Unit shall have to adhere to prevailing area specific policies of GPCB with respect to the discharge of pollutants and shall carry out the project development in accordance & consistence with the same.	<b>Complied.</b> Consolidated Consent and Authorization (CC&A) has been obtained for drilling of exploratory well location SIMBA vide GPCB Consent Order no. AWH-148692 dated 19.09.2025.CCA conditions stipulated by GPCB have been complied.
11	The project proponent must strictly adhere to the stipulations made by the Gujrat pollution Control Board, State Government and/or any other statutory authority.	<b>Complied.</b> CC&A conditions of GPCB are complied.
12	The company shall develop a contingency plan for H2S release including all necessary aspects from evacuation to resumption of normal operation. The workers shall be provided with personal H2S detectors in locations of high risk of exploration along with self-containing breathing apparatus.	<b>Complied.</b> All necessary mitigation measures have been implemented at site.
13	Company shall prepare operating manual in respect of all activities, which would cover all safety & environment related issues and measures and measures to be taken for protection. One set of environment manual shall be made available at the drilling site/project site. Awareness shall be related at each level of management. All the schedules and results of environmental monitoring shall be available at the project site office. Remote monitoring of site should be done.	<b>Complied.</b> Operating manual was prepared and made available covering environment and safety related issues. Awareness sessions with the drilling crew and operational staff have been carried out on various topics such as Waste Management, Spillage Control, Importance of PPE etc. Environmental monitoring has been carried out in the pre-drilling, during drilling, post-drilling phases.
14	<b>Safety &amp; Health</b>	
a	PP shall carry out mock drill within the premises as per the prevailing guidelines of safety & display proper evacuation plan in the manufacturing area in case of any emergency or accident.	<b>Complied.</b> Mock drills are carried out regularly at well-pad locations on various scenarios. Emergency evacuation plan has been prepared and displayed during site operational activities.
b	PP shall take all the necessary steps for human safety within premises to ensure that no harm is caused to any workers/employee or labour within premises.	<b>Complied.</b> All necessary safety measures have been taken. Workers at site were provided with PPEs such as safety helmets, safety shoes, safety gloves, safety goggles, earplugs, mask, coveralls/ reflective jackets etc. during operational activities.
c	The consequence arising out of incidents such as Well Blow Out, Fire, Explosion, Natural Calamities etc. shall be accurately predicted with the help of latest technique available by various Risk Analysis studies and unit shall submit Disaster Management Plan (DMP) to the concern authority based as such probable scenarios.	<b>Complied.</b> Necessary fire prevention measures such as Gas Detectors, Fire & Gas sensors, fire alarms etc. have been provided at the site. Fire protection measures such as fire hydrants, fire extinguishers have also been provided. Blow out preventer (BOP) has been installed at well during drilling.

<b>S.No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
d	Personal Protective Equipment (PPEs) shall be provided to workers, and its usage shall be ensured and supervised.	<b><u>Complied.</u></b> Workers at site are provided with PPEs such as safety helmets, safety shoes, safety gloves, safety goggles, earplugs, mask, coveralls etc. during phase.
e	First Aid box shall be made readily available in the unit.	<b><u>Complied.</u></b> First-aid box has been provided at well-pad/ drilling site location.
f	Occupational health surveillance of the workers shall be done, and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken on regular basis as per Factories Act & Rules.	<b><u>Complied.</u></b> Pre-employment and Periodic medical examination conducted for all the operational staff.
g	The company shall take necessary measures to prevent fire hazards, contain oil spill & soil remediation as needed.	Fire protection measures such as fire hydrants, foam monitors, fire extinguishers have also been provided. Spill trays have been provided near DG sets to avoid any soil contamination. Oil Spill Response Kit containing absorbent booms, absorbent pads etc. are provided at the site in drilling phase.
h	Blow out preventer system shall be installed to prevent well blowouts during drilling operations.	<b><u>Complied.</u></b> During drilling operations blow out preventor (BOP) system has been installed.
i	Emergency response plan shall be based on the guidance prepared by OISD, DGMS & Gov. of India.	<b><u>Noted.</u></b>
<b>A.2 Water</b>		
15	Total water requirement for the project shall not exceed 87 KLD per well drilling. Unit shall reuse 41 KLD per well of treated industrial effluent within premises. Hence, freshwater requirement shall not exceed 46 KLD per well and it shall be met through tankers.	<b><u>Complied.</u></b> Water has been sourced from local sources through tankers. The treated effluent from the ETP was reused for mud preparation, dust suppression & other misc. usage within the operational areas.
16	PP shall not dig borewell for freshwater requirements.	<b><u>Complied.</u></b> No ground water extracted for this project.
17	The industrial effluent generation from each early production location from the project shall not exceed 235 KLD.	<b><u>Noted</u></b>
18	Total industrial effluent generated from various activities shall be treated in mobile ETP and reused back in process.	<b><u>Complied.</u></b> ETP was installed at site to treat the effluent during drilling phase. The treated effluent has been used for drilling mud preparation, dust suppression and other misc. uses within the operational areas.
19	PP shall obtain prior permission for disposal of treated effluent.	<b><u>Complied.</u></b> No discharge of effluent. The effluent from drilling activities has been collected in HDPE lined pits and treated in ETP and the treated effluent has been reused for drilling mud preparation, dust suppression and other misc. uses. <b>Consolidated Consent and Authorization (CC&amp;A) have been obtained for the well pads.</b>
20	Zero Liquid Discharge (ZLD) status shall be maintained all the time and there shall be no drainage connection from the premises.	<b><u>Complied.</u></b> No discharge of effluent. The effluent from drilling activities has been collected in HDPE lined pits and treated in ETP and the treated effluent has been reused for drilling mud preparation, dust suppression and other misc. uses.  There was no drainage connection from the premises for disposal of treated effluents. It was zero discharge unit. No commercially viable discovery found and therefore the well has been plugged and
21	Domestic wastewater generation shall not exceed 12 KLD/well drilling for proposed project and 2 KLD for each early production location and it shall be treated is STP/ Septic Tank & Soak Pit system. Treated sewage shall	<b><u>Complied.</u></b> Domestic wastewater collected and treated by septic tank and soaking pit system.

S.No.	EC Conditions	Compliance Status
	be utilized for dust suppression, etc. purpose within premises after achieving on-land discharge norms prescribed by the GPCB.	
22	During monsoon season when treated sewage may not be required for the plantation/gardening/green- belt purpose, it shall be stored with in premises. There shall be no discharge of wastewater outside the premises in any case.	<b>Complied.</b> Drilling activities are carried out for a very short term and for temporary period. It is nor around the year. The effluent from drilling activities has been collected in HDPE lined pits and treated in ETP and the treated effluent has been used for drilling mud preparation, dust suppression and other misc. uses.  Domestic wastewater collected and treated by septic tank and soaking pit system. There is no discharge of treated effluent outside the project premises. Moreover, buffer storage in HDPE lined pit with adequate capacity provided for storage of treated sewage in drilling phase during rainy season.
23	Unit shall provide buffer water storage tank of adequate capacity for storage of treated wastewater during rainy days.	<b>Complied.</b> Drilling is very short-term activity. Buffer storage in HDPE lined pit with adequate capacity provided for storage of treated sewage in drilling phase during rainy days.
24	The unit shall provide metring facility at the ETP & STP and maintain records for same.	<b>Noted</b>
25	Proper logbooks of ETP & STP, treated effluent reused in gardening/plantation, chemical consumption in effluent treatment quantity of treated effluent, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	<b>Noted</b>

**A3 Air**

26	Unit shall not exceed fuel consumption for drilling site, camp site, liquid mud pump, radio room and testing flare as mentioned below:	Stacks with adequate height have been provided in all the DG sets. Maintenance of DG sets are undertaken.  Stack monitoring of DG sets has been carried out. Monitoring reports are enclosed as <b>Annexure-1</b> . Parameters are found to be within the stipulated standards.																																														
	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Source of emission with Capacity</th> <th>Stack Height (Meter)</th> <th>Type of Fuel</th> <th>Quantity of Fuel MT/ Day</th> <th>Type of emissions i.e., Air pollutants</th> <th>Air Pollution Control Measures (APCM)</th> </tr> </thead> <tbody> <tr> <td colspan="7">Drilling a well</td> </tr> <tr> <td>1</td> <td>Drilling Rig 3x1000 KVA (2W and 1S) or 2x1850 KVA (1W and 1S)</td> <td>10</td> <td>HSD</td> <td>15-18</td> <td>PM10, NOx</td> <td rowspan="4">Exhausts of diesel generators will be positioned at a sufficient height to ensure dispersal of exhaust emission; periodic maintenanc e of DG sets will be undertaken .</td> </tr> <tr> <td>2</td> <td>Camp Site- 2x350 KVA (1W and 1S)</td> <td>6</td> <td>HSD</td> <td>3-4</td> <td>PM10, NOx</td> </tr> <tr> <td>3</td> <td>Liquid Mud Pump (LMP)- 3x500 KVA (2W and 1S)</td> <td>6</td> <td>HSD</td> <td>2-3</td> <td>PM10, NOx</td> </tr> <tr> <td>4</td> <td>Radio Room-2x100 KVA (One working and one standby)</td> <td>10</td> <td>HSD</td> <td>1-2</td> <td>PM10, NOx</td> </tr> <tr> <td>5</td> <td>Testing Flare Stack</td> <td>30</td> <td>-</td> <td>-</td> <td>PM10, NOx, SOx</td> <td>Engineering controls to ensure complete combustion of gas, No cold venting. Flaring will be done with combustion efficient elevated flare tip, and location of</td> </tr> </tbody> </table>	S. No.	Source of emission with Capacity	Stack Height (Meter)	Type of Fuel	Quantity of Fuel MT/ Day	Type of emissions i.e., Air pollutants	Air Pollution Control Measures (APCM)	Drilling a well							1	Drilling Rig 3x1000 KVA (2W and 1S) or 2x1850 KVA (1W and 1S)	10	HSD	15-18	PM10, NOx	Exhausts of diesel generators will be positioned at a sufficient height to ensure dispersal of exhaust emission; periodic maintenanc e of DG sets will be undertaken .	2	Camp Site- 2x350 KVA (1W and 1S)	6	HSD	3-4	PM10, NOx	3	Liquid Mud Pump (LMP)- 3x500 KVA (2W and 1S)	6	HSD	2-3	PM10, NOx	4	Radio Room-2x100 KVA (One working and one standby)	10	HSD	1-2	PM10, NOx	5	Testing Flare Stack	30	-	-	PM10, NOx, SOx	Engineering controls to ensure complete combustion of gas, No cold venting. Flaring will be done with combustion efficient elevated flare tip, and location of	
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S.No.	EC Conditions						Compliance Status
						flare stacks to be chosen considering the sensitive receptors adjoining the site	
6	Diesel fired Heater -treater or IWBH (Induced Water Bath Heater) with well testing / Extended well testing set up 1x350 KVA	6	HSD	3 KLD	PM10, NOx, SO2		
Each Early Production Location							
7	GEG 1 MW	10	NG	283.16	PM10, NOx,	Exhausts of diesel generators will be positioned at a sufficient height to ensure dispersal of exhaust emission. Periodic maintenance of DG sets will be undertaken.	
8	EPU Requirement- 1x500 KVA (Emergency Back	6	HSD	0.12 KLD	PM10, NOx, SO2		
9	Flaring for each Early production location	30	NG	71 m3/hour	NOx, SO2		
10	Dual fuel (Diesel/ Gas) fired Heater- Treater or IWBH (Induced Water Bath Heater 1x800 KVA)	6	NG or HSD	0.25 MMSCFD or 4 KLD	PM10, NOx, SO2		
11	Natural gas fired heater for TEG regeneration 1X250 KVA	6	NG	0.4 MMS CFD	NOx, SO2		
12	Compressor (Gas Engine Driven) 2X 800 KVA (1W+1S)	6	NG	0.23 MMSCFD NOx, SO2	NOx, SO2		
27	Unit shall provide adequate APCM with flue gas generation sources:						<b>Complied.</b> DG sets have been provided with adequate stack height. DG stack monitoring are carried out in during drilling phase. Monitoring reports are enclosed as <b>Annexure-1</b> . Parameters are found to be within the prescribed limits
28	There shall be no process gas emission from drilling & exploration activities and other ancillary operations.						<b>Complied.</b> No process gas emissions involved.
29	The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.						<b>Complied.</b> Measures for prevention and control of fugitive emissions have been taken such as: <ul style="list-style-type: none"> <li>● Regular sprinkling of water</li> <li>● Covering of raw material</li> <li>● Cover of material while transportation</li> <li>● Speed limit of vehicles</li> <li>● Entry of vehicles having valid PUC</li> </ul>
30	Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.						<b>Noted</b>
31	Air born dust shall be controlled with water sprinklers at suitable locations in the plant.						<b>Noted.</b> Water sprinkling for dust suppression has been carried out at site in drilling phase. Ambient Air quality monitoring carried out in drilling phase.
32	A green belt shall be developed all around the plant boundary and along the roads to mitigate fugitive & transport dust emission.						Exploratory drilling is a very short term & temporary activity. There is no commercially viable discovery, the well has been plugged and site restoration is in process. In case of commercially viable discovery of hydrocarbons in future wells and during development & production greenbelt will be developed.
33	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.						<b>Complied.</b> VOC was monitored as in ambient air. Monitoring reports are enclosed as <b>Annexure-1</b> .

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34	Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx and VOCs shall be carried out in the impact zone, and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.	<b>Complied.</b> Monitoring of PM10, PM2.5, SO2, NOx, VOCs has been carried out.																																				
35	<p>All the hazardous waste management shall be taken care as mentioned below: Drilling Operation (from drilling a well)</p> <table border="1" data-bbox="264 520 873 1915"> <thead> <tr> <th data-bbox="264 520 293 653">S. No</th> <th data-bbox="302 520 402 653">Type/ Name of Hazardous waste</th> <th data-bbox="410 520 524 653">Specific source of generation (Name of the activity, product etc.)</th> <th data-bbox="532 520 626 653">Category and Schedule as per HW Rules</th> <th data-bbox="634 520 729 653">Quantity (MT/ Annum)</th> <th data-bbox="737 520 873 653">Management of HW</th> </tr> </thead> <tbody> <tr> <td data-bbox="264 663 293 1003">1</td> <td data-bbox="302 663 402 1003">Drill cuttings excluding those from WBM</td> <td data-bbox="410 663 524 1003">Drilling</td> <td data-bbox="532 663 626 1003">HW Sc-1 cat.2.1</td> <td data-bbox="634 663 729 1003">500-1500 tons/well</td> <td data-bbox="737 663 873 1003">Collection in HDPE lined pit and disposal as per Hazardous waste Rules, 2016 (Co processing in cement kiln as fuel substitute, common hazardous waste TSDf, HW processing facility/ Brick manufacturing</td> </tr> <tr> <td data-bbox="264 1014 293 1325">2</td> <td data-bbox="302 1014 402 1325">Drilling mud containing oil (SBM)</td> <td data-bbox="410 1014 524 1325">Drilling</td> <td data-bbox="532 1014 626 1325">HW Sc-I cat 2.3</td> <td data-bbox="634 1014 729 1325">250-500 tons/ well</td> <td data-bbox="737 1014 873 1325">Collection in HDPE lined pit and disposal as per Hazardous waste Rules, 2016 (Co processing in cement kiln as fuel substitute, common Hazardous waste TSDf, HW processing facility)</td> </tr> <tr> <td data-bbox="264 1335 293 1507">3</td> <td data-bbox="302 1335 402 1507">Used oil/ spent oil</td> <td data-bbox="410 1335 524 1507">Others</td> <td data-bbox="532 1335 626 1507">HW Sc-I cat 5.1</td> <td data-bbox="634 1335 729 1507">1-2 tons/ well</td> <td data-bbox="737 1335 873 1507">Disposal as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016</td> </tr> <tr> <td data-bbox="264 1518 293 1690">4</td> <td data-bbox="302 1518 402 1690">Sludge containing oil and other drilling work</td> <td data-bbox="410 1518 524 1690">Other</td> <td data-bbox="532 1518 626 1690">HW Sc-1 cat.2.2</td> <td data-bbox="634 1518 729 1690">250-500 tons/ well</td> <td data-bbox="737 1518 873 1690">Disposal as per Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.</td> </tr> <tr> <td data-bbox="264 1701 293 1915">5</td> <td data-bbox="302 1701 402 1915">Spent Chemical</td> <td data-bbox="410 1701 524 1915">Drilling</td> <td data-bbox="532 1701 626 1915">HW Sc-I cat.32.1</td> <td data-bbox="634 1701 729 1915">0.6 ton/well</td> <td data-bbox="737 1701 873 1915">Collection in HDPE lined pit and disposal in Co processing in cement kiln/ common Hazardous waste TSDf/ HW processing facility</td> </tr> </tbody> </table>	S. No	Type/ Name of Hazardous waste	Specific source of generation (Name of the activity, product etc.)	Category and Schedule as per HW Rules	Quantity (MT/ Annum)	Management of HW	1	Drill cuttings excluding those from WBM	Drilling	HW Sc-1 cat.2.1	500-1500 tons/well	Collection in HDPE lined pit and disposal as per Hazardous waste Rules, 2016 (Co processing in cement kiln as fuel substitute, common hazardous waste TSDf, HW processing facility/ Brick manufacturing	2	Drilling mud containing oil (SBM)	Drilling	HW Sc-I cat 2.3	250-500 tons/ well	Collection in HDPE lined pit and disposal as per Hazardous waste Rules, 2016 (Co processing in cement kiln as fuel substitute, common Hazardous waste TSDf, HW processing facility)	3	Used oil/ spent oil	Others	HW Sc-I cat 5.1	1-2 tons/ well	Disposal as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016	4	Sludge containing oil and other drilling work	Other	HW Sc-1 cat.2.2	250-500 tons/ well	Disposal as per Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.	5	Spent Chemical	Drilling	HW Sc-I cat.32.1	0.6 ton/well	Collection in HDPE lined pit and disposal in Co processing in cement kiln/ common Hazardous waste TSDf/ HW processing facility	<b>Complied.</b> Solid waste/ hazardous wastes are managed and disposed as per Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and GSR 546 (E).
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2	Drilling mud containing oil (SBM)	Drilling	HW Sc-I cat 2.3	250-500 tons/ well	Collection in HDPE lined pit and disposal as per Hazardous waste Rules, 2016 (Co processing in cement kiln as fuel substitute, common Hazardous waste TSDf, HW processing facility)																																	
3	Used oil/ spent oil	Others	HW Sc-I cat 5.1	1-2 tons/ well	Disposal as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016																																	
4	Sludge containing oil and other drilling work	Other	HW Sc-1 cat.2.2	250-500 tons/ well	Disposal as per Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.																																	
5	Spent Chemical	Drilling	HW Sc-I cat.32.1	0.6 ton/well	Collection in HDPE lined pit and disposal in Co processing in cement kiln/ common Hazardous waste TSDf/ HW processing facility																																	

S.No.		EC Conditions				Compliance Status
6	Wastes or residues containing oil	Drilling	HW Sc-I cat.5.2	0.5 ton/well	Disposal in Co processing in cement kiln/ common Hazardous waste TSDF/ HW processing facility.	
7	Empty barrels / containers/ liners Contaminated with hazardous chemicals/ wastes	Drilling	HW Sc-I cat.33.1	50 nos./well	Will be sent to recyclers.	
8	Chemical sludge from Wastewater treatment	Drilling	HW Sc-I cat.35.3	120 ton/well	Collection in HDPE lined pit and disposal in Coprocessing in cement kiln/ common Hazardous waste TSDF/HW processing facility.	
Early Production (from each early production location)						
S. No.	Type/ Name of Hazardous waste	Specific source of generation (Name of the activity, product etc.)	Category and Schedule as per HW Rules	Quantity (MT/ Annum)	Management of HW	
1	Oily sludge/ residues	Well work over crude storage tank bottom cleaning	HW Sc-1 cat. 2.2	20 Ton/year	Collection in HDPE lined pit and disposal in coprocessing in cement kiln/ common hazardous waste TSDF/ HW Processing facility	
2	Waste oil (Slop oil)	Well work over crude storage tank bottom cleaning	HW Sc-1 cat. 4.3	2 Ton/Year	Waste Oil will be disposed as per hazardous Waste Rules, 2016	
3	ETP Sludge	ETP operation	HW Sc-1 cat. 34.2	120 Ton/Year	Collection in HDPE lined pit and disposal in co processing in cement kiln/ common hazardous waste TSDF/HW Processing facility.	
4	Used oil/ spent oil	DG Sets maintenance and other misc	HW Sc-1 cat. 5.1	1KL/Yr.	Used oil will be send CPCB authorized recyclers.	
5	Oil contaminated filter, cottons, rags, gloves etc.	Misc. maintenance	HW Sc-1 cat. 3.3	0.3 ton/yr	Will be sent CPCB authorized recyclers.	
6	Waste/ residues containing oil	Well work over	HW Sc-1 cat. 5.2	0.5 KL/Yr.	Collection in HDPE lined pit and disposal in co processing in cement kiln/ common hazardous waste TSDF/HW Processing facility.	
7	Spent chemicals	Well workover	HW Sc-1 cat. 5.2	0.5 ton/yr.		
8	Spent carbon	ETP/STP	HW Sc-1 cat.36.2	3 ton/yr.		

S.No.	EC Conditions	Compliance Status
	9 Discarded containers/ barrels/ liner contaminated with hazardous waste Well workover HW Sc -1 cat.33.1 50 Nos./yr Collection, storage, transportation and sold to registered recyclers	
36	Authorized end-users shall have permission from the concerned authorities under the rule 9 of the hazardous and other wastes (Management and Transboundary Movement) rules 2016.	<b>Complied.</b> Unit has obtained membership with authorized common TSDf for disposal of hazardous waste.
37	Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of incinerable & land fillable wastes before sending to CHWIF & TSDf sites respectively.	<b>Complied</b>
<b>A 5</b>	<b>OTHER:</b>	
38	The project proponent shall allocate fund of Rs.6.875 Crores (in 4 years) towards CER activities as MoEF&CC's Office Memorandum No. F.No.22-65/2017-IA.III dated 30/09/2020. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.	<b>Complied.</b> No commercial discovery found, the well has been plugged site restoration is in process.
39	All the environmental protection measures and safeguards proposed in the Form-2, Form-1, EMP & PFR submitted by the project proponent and commitments made in their application shall be strictly adhered to in letter and spirit.	<b>Complied.</b> All the environmental protection measures and safeguards proposed in the Form-1& PFR submitted have been complied for the project activities.
<b>B</b>	<b>GENERAL CONDITION</b>	
<b>B1</b>	<b>CONSTRUCTION PHASE</b>	
40	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	<b>Complied</b> Considering very limited civil construction requirement, there was no need for the use curing agent and such chemicals.
41	Project proponent shall ensure that surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable area for controlling fugitive emission.	<b>Complied.</b> Regular water sprinkling in operational areas such as approach roads, parking area, storage area has been carried out at site to reduce dust/ fugitive emissions.
42	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	<b>Complied.</b> Sanitary and hygienic measures such as wash basins, washrooms etc. are provided at the site.
43	First Aid Box shall be made readily available in adequate quantity at all the times.	<b>Complied.</b> First aid boxes are provided at site.
44	The project proponent shall strictly comply with the Building and other Construction Worker's (Regulation of Employment & Condition of Services) Act 1996 and Gujrat rules made there under and their subsequent amendments. Local by-laws of concern authority shall be complied in letter and spirit.	<b>Noted</b>
45	Ambient noise levels shall conform to residential standard both during day & night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.	<b>Complied.</b> Work zone and ambient noise monitoring carried out in during drilling phase. Monitoring reports are enclosed as <b>Annexure-1</b>
46	Use of Diesel Generator (DG) sets during Construction please shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air & noise emission standards.	<b>Complied.</b> DG sets installed at site were equipped with acoustic enclosures and were conforming to the EPA rules for air and noise emission standards.
47	Safe disposal of wastewater and municipal solid waste generated during the construction phase shall be ensured.	<b>Complied</b> For the drilling site/ well-pad, very limited civil work and site preparation are involved.

<b>S.No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
48	All topsoil excavated during construction activity shall be used in horticultural/landscape development within the project site.	<b><u>Noted</u></b>
49	Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety & health aspects. Disposal of the excavation earth during construction phase shall not create adverse effect on neighbouring communities.	<b><u>Complied.</u></b> For the preparation of drill site/ well-pad, very limited civil work is involved. There has been no excess excavated earth generation.
50	Project proponent shall ensure use of Eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete (RMC) and lead-free paints in the project.	<b><u>Not Applicable</u></b> Not feasible for oil & gas projects as very limited civil construction is involved.
51	Fly-ash shall be used in construction wherever applicable as per the provision of the Fly Ash Notification under EP act.1986 & its subsequent amendments from time to time.	<b><u>Not applicable.</u></b> Not feasible for oil & gas projects as very limited civil construction is involved.
52	Windbreaker of appropriate height i.e., 1/3 <sup>rd</sup> of the building height and maximum up to 10 meters shall be provided. Individual building within the project site shall also be provided with barricades.	<b><u>Not applicable.</u></b> No need of Wind Breaker at the drill site.
53	"No uncovered vehicles carrying construction material and waste shall be permitted"	<b><u>Complied.</u></b> The vehicles carrying material for drilling purpose, etc. were properly covered.
54	"No loose soil or sand or construction & demolition waste or any other construction materials cause dust shall be left uncovered. Uniform piling & proper storage of sand to avoid fugitive emissions shall be ensured.	<b><u>Complied.</u></b> Loose soil, sand and material kept covered at site in separate storage place with suitable cover.
55	Roads leading to or at construction site must be paved & black topped (i.e.-metallic roads).	<b><u>Noted</u></b>
56	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	Since, this is Oil & Gas exploration project no major soil excavation activities are involved except for drilling well and preparation of pits. Sprinkling of water carried out for dust suppression.
57	Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.	<b><u>Complied.</u></b> The dust mitigation measures had been prominently displayed during the construction phase.
58	Grinding & cutting of building materials in open area shall be prohibited.	There was no requirement for grinding of building material. Cutting of materials was carried out in closed area.
59	Construction material & waste should be stored only within remarked area & road side storage of construction material and waste shall be prohibited.	<b><u>Complied.</u></b> Material used for drilling activities are kept in separate storage area with suitable cover.
60	Construction and demolition waste processing & disposal site shall be identified and required dust mitigation measures be notified at the site (if applicable).	<b><u>Complied</u></b> No generation of any construction and demolition waste. Adequate dust mitigation measures were implemented at the site.
<b>B2</b>	<b>OPERATION PHASE</b>	
<b>B2.1</b>	<b>WATER</b>	
61	The water meter shall be installed, and records of daily & monthly water consumption shall be maintained.	<b><u>Noted</u></b>
62	All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent	<b><u>Complied.</u></b> The drilling wastewater was treated and reused for mud preparation, dust suppression activities.
<b>B2.2</b>	<b>AIR</b>	
63	In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human	<b><u>Not applicable</u></b> There was no requirement of spray dryer for the project.

S.No.	EC Conditions	Compliance Status
	health & environment. Unit shall carry out third party monitoring of the proposed spray dryer & it's APCM through the credible institutes and study report for impacts on Environment & Human Health shall be submitted to GPCB every year along with half yearly compliance report.	
64	Acoustic enclosure shall be provided to the DG sets (if applicable) to mitigate the noise pollution and shall confirm to the EPA Rules for air and noise emission standards.	<b>Complied.</b> DG sets are provided with acoustic enclosures and with adequate stack height. Stack emission monitoring has been carried out during drilling phase. Monitoring results are enclosed as <b>Annexure-1</b> . All parameters are found within the prescribed standards.
65	Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.	Adequate stack heights are provided as per the CPCB guidelines.
66	Flue gas emission & process gas emission (if any) shall conform to the standard prescribed by the GPCB/ CPCB/ MoEF&CC. At no time, emission level should go beyond the stipulated standard.	<b>Complied.</b> Stack monitoring is carried out for the DG sets. Monitoring reports are enclosed as <b>Annexure-1</b> . All parameters are found within the prescribed standards.
67	All the reactors/Vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	<b>Not applicable.</b> There is no requirement of reactors/ vessels in this project.
<b>B2.3 HAZARDOUS WASTE/SOLID WASTE</b>		
68	The company shall strictly comply with the rules and regulations with regards to handling & disposal of Hazardous waste in accordance with Hazardous & Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection/ treatment/ storage/ disposal of hazardous waste.	<b>Complied.</b> The company has complied with the rules and regulations with regards to handling and disposal of Hazardous Waste in accordance with the Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 and GSR 546 (E). The company has obtained authorization from the GPCB for generation and disposal of hazardous wastes.
69	Hazardous waste shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	Hazardous waste was temporarily stored in designated place and disposed to authorised recyclers as per Hazardous and Other Waste (Management and Transboundary Movement) Rules,2016 and GSR 546 (E)
70	The unit shall obtain necessary permission from the herby TSDf site and CHWIF (whichever is applicable)	<b>Complied.</b> Membership obtained with TSDf authorized by the Gujarat Pollution Control Board (GPCB).
71	Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rule made there under.	<b>Noted</b>
72	The design of the Trucks/Tankers shall such that there is no spillage during transportation.	<b>Noted</b>
73	All possible efforts shall be made for Co-Processing of Hazardous waste prior to disposal into TSDf/CHWIF	The drill cuttings generated associated with Water Based Mud have been used as a sub-grade construction material in low-lying areas.
74	Management of fly ash (if any) shall be as per the Fly ash Notification 2009 & its amendment time to time, and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.	<b>Not applicable.</b>
<b>B2.4 SAFETY</b>		
75	The Occupier/ manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories rules 1963.	The requirements of Oil Mines Regulations (OMR), 2017 under Directorate General of Mine Safety (DGMS) have been complied with at drill sites The provisions of OMR, 2017 are being complied with.
76	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of the hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosive and concerned Gov. authorities shall be	Hazardous chemicals being handled as per the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 and as amended from time to time.  Public liability insurance has been taken by the company vide and valid upto 30 <sup>th</sup> September 2026.

<b>S.No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
	obtained before commissioning of the project. Requisite On-Site and Off-Site Disaster Management Plans have to be prepared and implemented.	Disaster Management Plan has been prepared and implemented at the drill site.
77	Main entry and exit shall be separate and clearly marked in facility.	<b><u>Complied.</u></b> Entry, exit and emergency exit gates were available and clearly marked in the facility.
78	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.	<b><u>Complied.</u></b> Adequate approach roads have been provided for movement of vehicles, fire tender and emergency vehicles.
79	Storage of flammable chemicals shall be sufficiently away from the production area.	<b><u>Noted</u></b>
80	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	<b><u>Complied.</u></b> Adequate necessary fire protection measures have been taken and sufficient fire extinguishers provided at the drill site facility.
81	All necessary precautionary measures shall be taken to avoid any kind of accident during storage & handling of toxic/hazardous chemicals.	<b><u>Complied.</u></b> Adequate precautionary measures such as proper PPEs, spill kits etc. have been adopted.
82	All the toxic/hazardous chemicals shall be stored in optimum quantity and all-necessary permission in this regard shall be obtained before commencing the expansion activities.	<b><u>Noted.</u></b>
83	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	<b><u>Noted.</u></b>
84	Only flame proof electrical fitting shall be provided in the plant premises.	<b><u>Noted.</u></b>
85	Storage of hazardous chemicals shall be minimized, and it shall be in multiple small capacity tanks/ containers instead of the single large capacity tank/ containers.	<b><u>Noted.</u></b>
86	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund /dyke walls shall be provided for storage tanks for Hazardous Chemicals.	<b><u>Noted.</u></b>
87	Handling and charging of chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	<b><u>Noted.</u></b>
88	Tie up shall be done with nearby health care unit/ doctor for seeking immediate medical attention in the case of emergency.	<b><u>Complied.</u></b> Mutual aid agreement was done with nearby hospitals for immediate medical attention during emergencies in drilling phase.
89	Personal Protective Equipment (PPEs) shall be provided to workers and its usage shall be insured and supervised.	<b><u>Complied.</u></b> Adequate PPEs have been provided to the workers at site and its usage has been ensured and supervised.
90	First Aid box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<b><u>Complied.</u></b> First aid box with required facilities has been provided at drill site.
91	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	<b><u>Complied.</u></b> All workers have been provided with training pertaining to safety and health aspects of chemical handling. Regular mock drills and training have also been conducted at site for better understanding.
92	Occupational health surveillance of workers shall be done, and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.	<b><u>Complied.</u></b> Pre-employment and periodical health examination has been conducted and records maintained properly.
93	Transportation of hazardous chemicals shall be done as per provisions of Motor Vehicle Act & Rules.	<b><u>Noted.</u></b>

S.No.	EC Conditions	Compliance Status
94	The company shall implement all preventive and mitigation measures suggested in Risk Assessment Reports.	<u>Noted.</u>
95	Necessary permission from various statutory authorities like PESO, factory inspectorate & others shall be obtained prior to commissioning of the project.	<u>Noted.</u>
<b>B2.5</b>	<b>NOISE</b>	
96	The company shall make all arrangement for control of noise from drilling activities.	<u>Complied.</u> The DG sets have been provided with acoustic enclosures for control of noise.
97	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation, hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under Environment (Protection) Act & Rules,1986 amended from time to time.	<u>Complied.</u> DG sets have been provided with acoustic enclosures for control of noise. Work zone noise and ambient Noise monitoring have been carried out at drill sites. Monitoring reports are enclosed as <b>Annexure-1</b> . Parameters are found within the prescribed standards.
98	Noise levels for workers shall be as per the Factory Act & Rules.	<u>Complied.</u> Work zone noise and ambient noise monitoring have been carried out at drill sites. Monitoring reports are enclosed as <b>Annexure-1</b> . Parameters are found to be within the prescribed standards.
<b>B2.6</b>	<b>CLEANER PRODUCTION AND WASTE MINIMISATION</b>	
99	The unit shall undertake the Cleaner Production Assessment study through a reputed institute/ Organization and shall form a CP team in company. The recommendations thereof along with compliance shall be furnished to the GPCB.	Exploratory drilling is a short term and temporary activity. There is no commercially viable discovery. The well has been plugged and restoration is in process.
100	The company shall undertake various waste minimization measures such as:	
a	Metering & control of quantities of active ingredients to minimize waste.	<u>Not applicable</u>
b	Reuse of by-products from the process as raw materials or as raw materials substitutes.	<u>Not applicable</u>
c	Use of automated and close filling to minimizes spillage.	<u>Not applicable</u>
d	Use of close feed system into batch reactors.	<u>Not applicable</u>
e	Venting equipment through vapour recovery system.	<u>Not applicable</u>
f	Use of high-pressure hoses for cleaning of reduce waste -water generation.	<u>Not applicable</u>
g	Re-cycle of washes to subsequent batches.	<u>Not applicable</u>
h	Recycling of steam condensate.	<u>Not applicable</u>
i	Sweeping/ moping of floor instead of floor washing to avoid effluent generation.	<u>Not applicable</u>
j	Regular preventive maintenance for avoiding leakage and spillage.	<u>Complied.</u> Periodic inspections and maintenance carried out to avoid any leakage and spillage during drilling phase.
<b>B2.7</b>	<b>GREENBELT AND OTHER PLANTATION</b>	
101	The unit shall develop green belt within premises as per the CPCB guideline. However, if the adequate land is not available with in premises the unit shall take up adequate plantation on roadsides and suitable open areas in GIDC estates or any other open areas in consultation with the GIDC/GPCB and submit an action plan of plantation for next three years to the GPCB.	Drilling is a short-term activity, hence greenbelt not feasible for the project. No commercially viable discovery was found and he well has been plugged and site restoration is in progress. Therefore green belt will be done in future for development and production phase, if commercial viable discovery is found.
102	Drip irrigation/Low-volume, Low angle Sprinkler System shall be used for the green belt development within the premises.	Drilling is a short-term activity, hence greenbelt not feasible for the project. No commercially viable discovery was found and he well has been plugged and site restoration is in progress. Therefore green belt will be done in future for development and production phase, if commercially viable discovery is found.

<b>S.No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
<b>B 3</b>	<b>OTHER CONDITION</b>	
103	PP shall submit an undertaking within 10 days that they will comply all the conditions resultant to the queries raised by SEIAA and submit first before within 15 days from the date of installation and subsequent report of compliance in 3 months and 6 months respectively.	Noted. Six-monthly monitoring reports are being submitted every 01 Jun and 01 Dec.
104	Project Proponent shall contribute to conservation of Great Indian Bustard by way of sponsoring shifting overhead cables to underground in consultation with Deputy Conservation of Forest, Kutch (west) and Forest and Environment Department, Sachivalaya Gandhinagar. This condition is as per the clarification given in para 3 of OM of MoEF&CC GOI dated 25.02.2021. The expenditure of supporting above activities will be within the total outlay of CER including the other activities committed by PP.	<b><u>Complied.</u></b> No commercial discovery found, the well has been plugged. Site restoration in progress.
105	Project proponent shall install all environment management systems as per the CPCB/ GPCB directives regarding the effluent discharge and air emission in working condition.	<b><u>Noted.</u></b>
106	Project proponent shall display the copy of Environment Clearance at the site prominently.	<b><u>Noted.</u></b>
107	Project proponent shall prepare and follow regular and preventive maintenance plan. The copy of same shall be submitted to SEIAA.	<b><u>Noted.</u></b>
108	Project Proponent will have to display the safety procedure in working area.	<b><u>Complied</u></b>
109	The project proponent shall obtain all required permissions for safety, health and fire from competent authorities like PESO/ Fire Authority etc. and intimate SEIAA.	<b><u>Noted.</u></b>
110	Project Proponent will intimate SEIAA/SEAC/GPCB after obtaining the membership of common facilities like CETP/TSDF/ CHWIF/ CMEE / Common Spray Dryer as the case may be.	<b><u>Noted.</u></b>
111	Extra care will be taken by PP to avoid any accidental blast in boiler, reactor or any machinery in the plant.	<b><u>Noted.</u></b>
112	Environment monitoring, training and disaster management plan should be undertaken and complied at regular interval.	<b><u>Complied.</u></b> Environmental monitoring carried out at pre-drilling, during drilling & post drilling phase. Training on Health Safety issue conducted at site.
113	integrated Regional Office of MoEF&CC, Gandhinagar and GPCB will monitor all environment, safety & health norms as per the prevailing rules.	<b><u>Noted.</u></b>
114	The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No.F.No.22-65/2017-IA. III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.	<b><u>Noted.</u></b>
115	Rainwater harvesting of surface as well as rooftop runoff shall be undertaken, and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.	Drilling is a very short-term activity for a temporary period. Roof top rainwater harvesting is not applicable/ feasible since there are no permanent building structures. There was no commercially viable discovery found. Hence the well has been plugged and site restoration is in progress.

<b>S.No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
116	The unit shall join and participate financially and technically for any common environmental facility/ infrastructure as and when the same is taken up either by the industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt./ GIDC.	Noted
117	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	Exploration & Appraisal is a short-term activity for a temporary period. Provision of solar panels will be made in case of commercially viable discovery and during development and production phase in future.
118	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	Exploration & Appraisal is a short-term activity for a temporary period. Provision of solar panels will be made in case of commercially viable discovery and during development and production phase in future.
119	All the commitments/ undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.	<b><u>Noted.</u></b>
120	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.	<b><u>Noted.</u></b>
121	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.	<b><u>Noted.</u></b>
122	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.	The stipulations made by the GPCB in the Consolidated to Consent & Authorization (CCA) are being complied with.
123	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	<b><u>Noted.</u></b>
124	Pucca flooring/ impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	<b><u>Noted.</u></b>
125	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	<b><u>Noted.</u></b>
126	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	<b><u>Noted.</u></b>
127	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act,1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act,'1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability insurance Act, 1991 along with their amendments and rules.	<b><u>Noted.</u></b>
128	The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules 2014" and its amendments from time to time in a letter and spirit.	<b><u>Noted</u></b> No commercial discovery found, the well has been plugged and site restoration is in progress.
129	The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	<b><u>Noted.</u></b>
130	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as	<b><u>Noted.</u></b>

S.No.	EC Conditions	Compliance Status
	well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	
131	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/SEAC/GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.	Public has been informed that project has been accorded the environmental clearance by SEIAA, Gujarat through Public Notice published in Newspaper Times of India and Gujarat Samachar dated 16 <sup>th</sup> March 2023.
132	It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year.	<b>Complied.</b> Half-yearly compliance reports have been regularly submitted to the concerned regulatory authorities as due on 01 <sup>st</sup> June and 01 <sup>st</sup> Dec of each calendar year.
133	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	<b>Noted.</b>
134	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<b>Noted.</b>
135	The SEIAA may revoke or suspend the clearance if implementation of any of the above conditions is not found satisfactory.	<b>Noted.</b>
136	The company in a timebound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.	<b>Noted.</b>
137	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	<b>Noted.</b>
138	This environmental clearance is valid for seven years from the date of issue.	<b>Noted.</b>
139	Any appeal against this environmental clearance 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.	<b>Noted.</b>
140	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.	<b>Noted.</b>
<b>B.4</b>	<b>COMPLIANCE OF ENVIRONMENT CLEARANCE/ REPORTING/ADMINISTRATION/APPEAL:</b>	
141	Project proponent shall inform to all the concerned authorities including Municipal Corporation and District Collector and shall also give wide publicity through advertisement in minimum two local newspapers within seven days, about the Environment Clearance order accorded.	<b>Complied.</b> Public Notice regarding information that the project has been granted the Environmental Clearance has been published in English language Newspaper 'The Times of India' dated and Gujarati language newspaper 'The Gujarat Samachar' on 16 <sup>th</sup> March 2023.
142	Project proponent shall appoint a key person in the organization who shall be responsible for compliance of above condition fully on behalf of the proponent. It will not mean that appointing a key person will exempt	<b>Noted.</b>

S.No.	EC Conditions	Compliance Status
	the project proponent from the responsibility of compliance. Any change in key person shall immediately be informed to SEIAA and all concerned authorities.	
143	Designated key person shall submit six monthly compliance reports to SEIAA/ SEAC, MOEF&CC, GPCB and Nodal Department of the Government.	<u>Noted.</u>
144	The Nodal Department or any authority or officer authorized by MOEF&CC/SEIAA can inspect the site of the project and all the facilities, for verification of compliances of environment clearance conditions.	<u>Noted.</u>
145	In case of violation reported upon, the project proponent shall be responsible for all the legal actions as per Environment Protection Act, 1986 including SEIAA, which may cancel, withdraw or keep in abeyance, the Environment Clearance accorded.	<u>Noted.</u>
146	Any person including the project proponent affected by this Environment Clearance order may file appeal to Honorable National Green Tribunal West Zone branch, Pune, preferably within a period of thirty days from the date of issue of Environment Clearance as prescribe under section 16 of National Green Tribunal Act 2010.	<u>Noted.</u>
147	All complains and public grievance or representations may be addressed to SEIAA/SEAC in the email addresses (a) msseiaagj@gmail.com (b) seacgujarat@gmail.com	<u>Noted.</u>

## **ANNEXURE - 1**

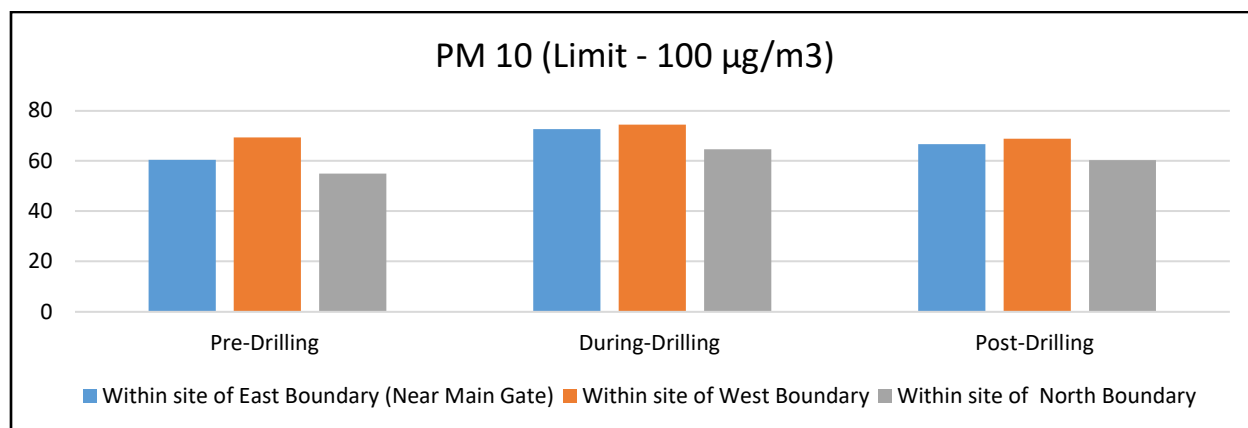
Summary of Environmental Monitoring – WP# SIMBA in CB-ONHP-2018/3 Block  
(Period: April 2025 – September 2025)

Environmental Monitoring for Ambient Air, Stack emissions, and Noise level are carried out in **Well Pad # Simba in CB-ONHP-2018/3** during the pre-drilling, during drilling and post-drilling phases.

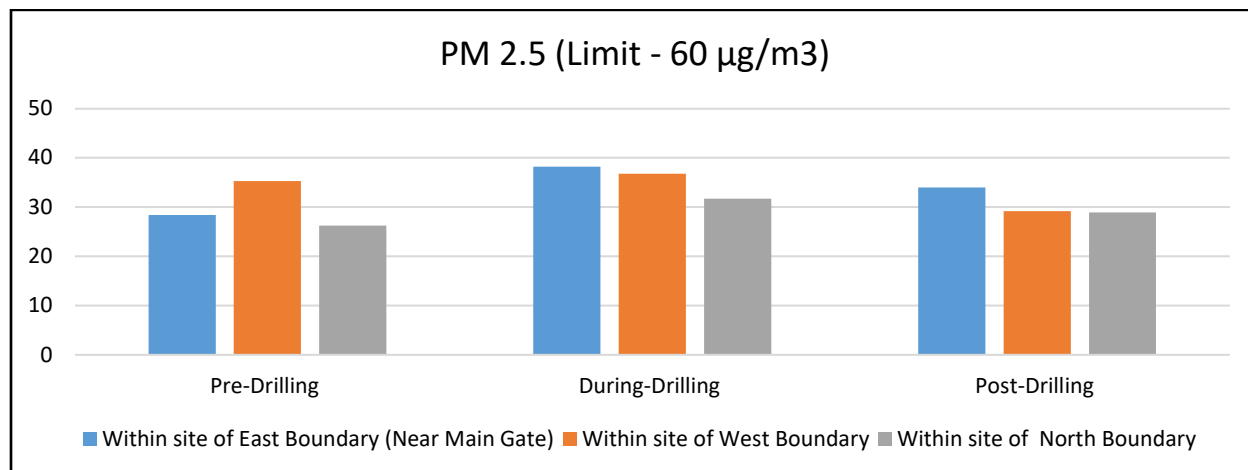
Well Pad: Simba	Month
Pre-Drilling	July 2025
During Drilling	July 2025
Post Drilling	August 2025

### Ambient Air Quality Monitoring Results in the Well Pad

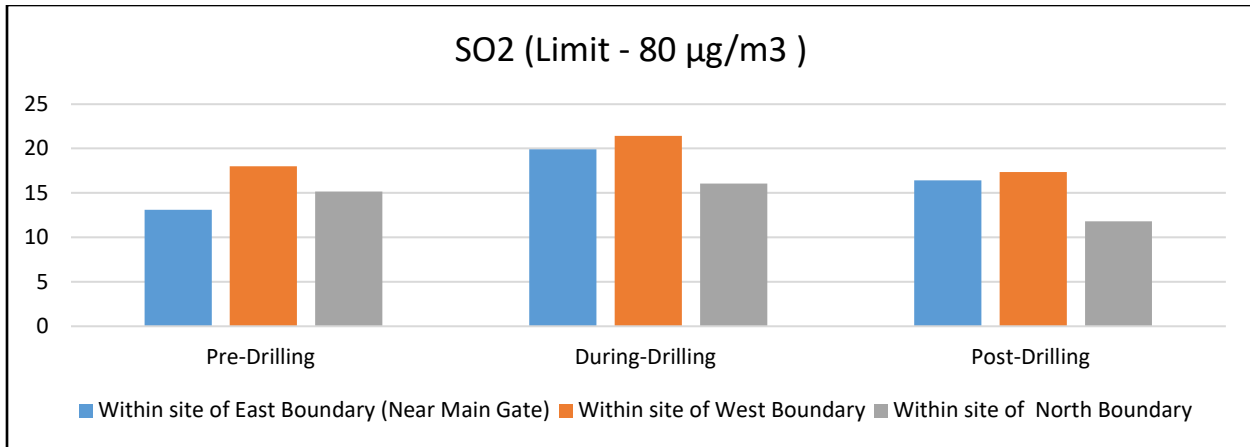
Three locations were selected around the operational areas for AAQ monitoring. The graphical interpretation of the results is provided below.



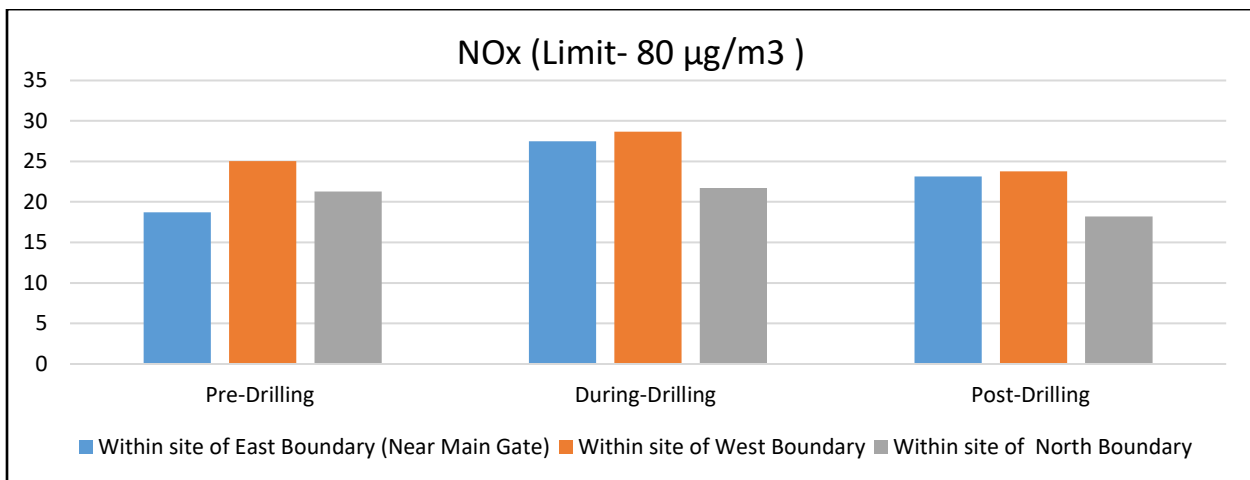
**Figure 1: Graphical representation of average trend of PM<sub>10</sub> in Well Pad in µg/m3**



**Figure 2: Graphical representation of average trend of PM<sub>2.5</sub> in Well Pad in µg/m3**



**Figure 3: Graphical representation of average trend of SO<sub>2</sub> in Well Pad in µg/m3**



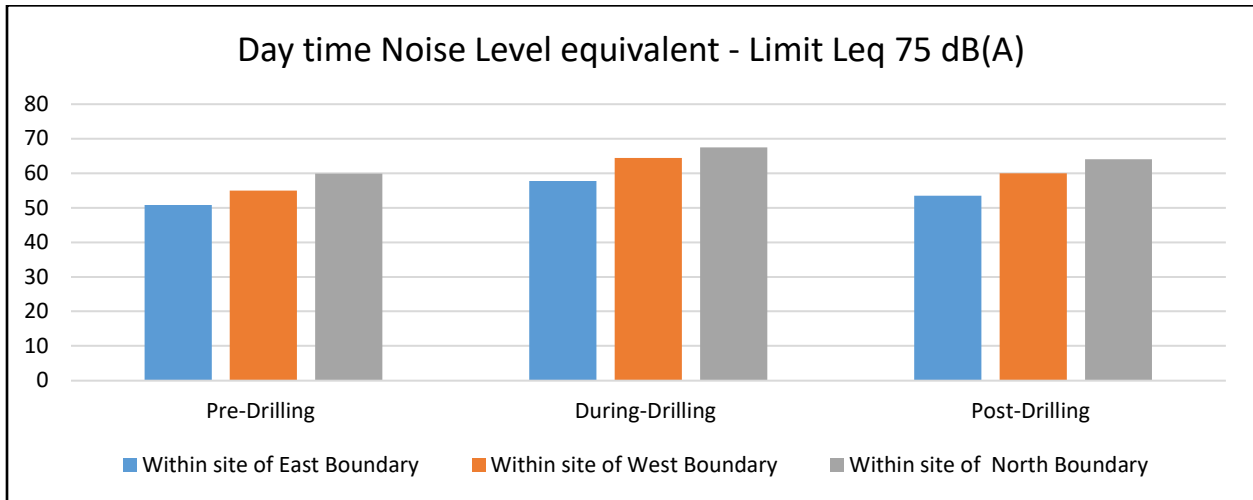
**Figure 4: Graphical representation of average trend of NO<sub>x</sub> in Well Pad in µg/m3**

**Table: Volatile Organic Carbons in Well Pad**

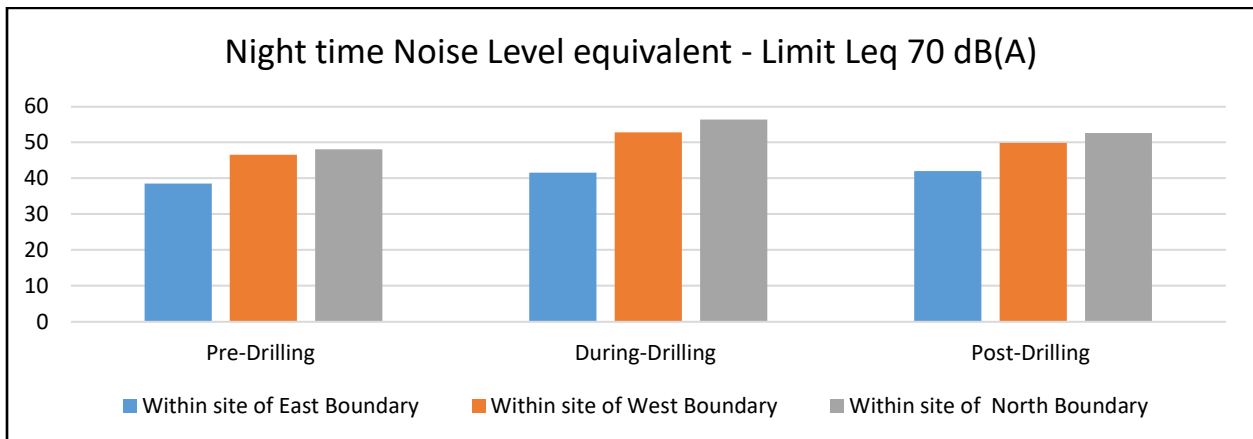
VOC (as BTX)			
Location	Pre-Drilling	During-Drilling	Post-Drilling
Within site of East Boundary (Near Main Gate)	BDL (<1)	BDL (<1)	BDL (<1)
Within site of West Boundary	BDL (<1)	BDL (<1)	BDL (<1)
Within site of North Boundary	BDL (<1)	BDL (<1)	BDL (<1)

**Ambient Noise Quality Monitoring Results in Well Pad**

Three locations were selected around the operational area for noise monitoring. The graphical interpretation of the results is provided below.



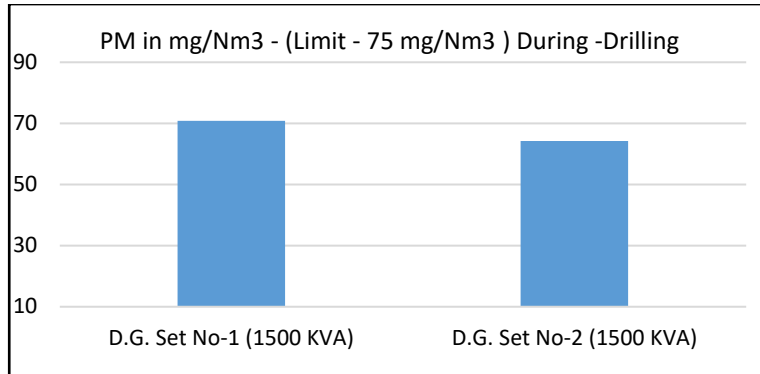
**Figure 5: Graphical representation of Noise Level in Leq dB(A) in the Day time**



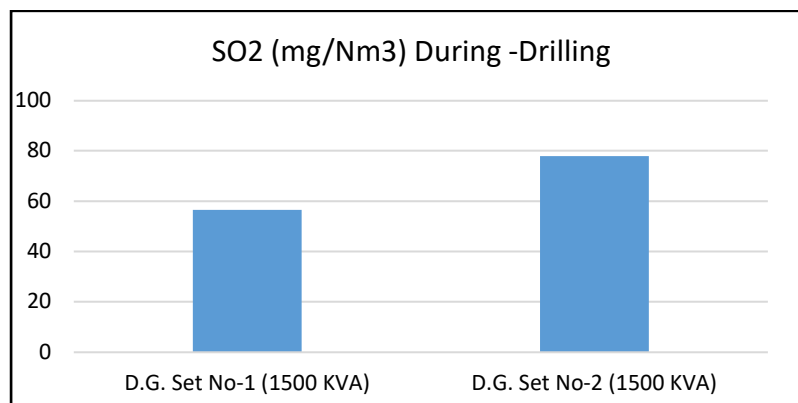
**Figure 6: Graphical representation of Noise Level in Leq dB(A) in the Night-time**

**Stack Monitoring Results in Well Pad**

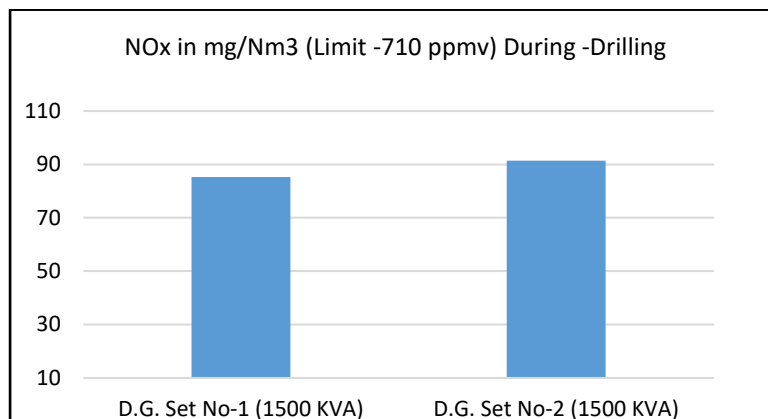
Stack Monitoring was carried out for stacks attached to the exhaust stacks of various equipment across the operational site. Graphical representation of average emission monitoring results during the reporting period are as follows:



**Figure 7: Graphical representation of average emission of Particulate Matter (PM 10) during drilling (mg/Nm<sup>3</sup>)**



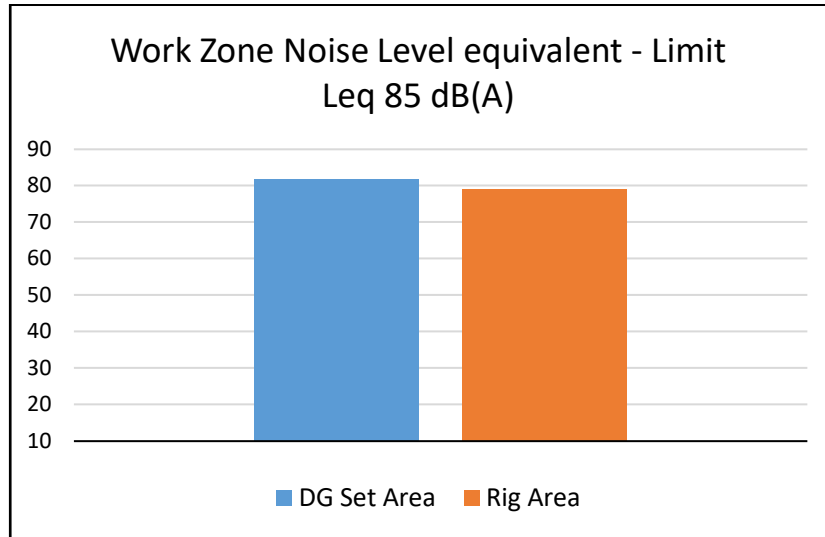
**Figure 8: Graphical representation of average emission of Sulphur Di-oxides (SO<sub>2</sub>) during drilling ( mg/Nm<sup>3</sup>)**



**Figure 9: Graphical representation of average emission of Oxides of Nitrogen (NOx) during drilling (ppmv)**

**Work Zone Noise Monitoring Results in Well Pad**

Two locations were selected around Well Pad in the operational area for work zone noise monitoring. The graphical interpretation of the results is provided below.



**Figure 10: Graphical representation of trends of Work Zone Noise Level during drilling (Leq dB(A))**