

Date: 12.05.2025

Ref: GV-ONHP-2017-1/Jun-25/1

Head of Office,
Integrated Regional Office,
Ministry of Env., Forest and Climate Change,
Kendriya Bhawan, 5th Floor, Sector "H",
Aliganj, Lucknow - 226020

Sub: Six-monthly Status Report on progressive compliance to Environmental Clearance (EC) conditions for Onshore Oil & Gas Exploration & Appraisal and Early Production in GV-ONHP-2017/1 (1817 sq.km.) in Kheri and Shahjahanpur Districts, Uttar Pradesh.

Ref: EC letter no. 265/Parya/SEIAA/5902/2021 dated 19.10.2021

Dear Sir,

We are pleased to submit a point wise compliance status report of the conditions stipulated in the Environmental Clearance accorded by SEIAA, Uttar Pradesh for the GV-ONHP-2017/1 Block for the period October 2024 to March 2025.

Thanking you,

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

Dr BR
Jat

Digitally
signed
by Dr BR
Jat

Dr. Bhoma Ram Jat
Chief Manager Environment

Enclosures: As above

Copy to:

1. Regional Office, Central Pollution Control Board, Parvesh Bhawan, Lucknow.
2. The Member Secretary, UP Pollution Control Board.

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CIN: L13209MH1965PLC291394

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

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| Project name: | "Onshore Oil and Gas Exploration & Appraisal and Early Production in GV-ONHP-2017-1 Block" (1817 km ²) located in districts of Keri & Shahjahanpur, Uttar Pradesh. |
| Environment Clearance letter no. | 265/Parya/SEIAA/5902/2021 dated 19 Oct. 2021 |
| Reporting period: | October 2024 to March 2025 |
| Project activity during reporting period: | No Exploratory & Appraisal and Early production activities carried out during this reporting period. |
| Overall status of activities w.r.t. project defined in EC: | <p>Project defined in EC:</p> <ul style="list-style-type: none"> • Drilling of Exploratory and Appraisal Wells: 14 Nos. • Early Production: 8000 BOPD crude oil and 1.2 MMSCFD associated Natural gas. <p>Overall Status:</p> <p>No Exploratory & Appraisal and Early production activity carried out in the GV-ONHP-2017-1 Block till date.</p> |

| S.No. | EC Conditions | Status of Compliance |
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| A. | Specific Conditions: | |
| 1. | Route for manpower, machines etc. will not be allowed through forest land. | Noted. |
| 2. | The project proponent shall ensure that wastewater is properly treated in STP and reused. As proposed treated waste should be completely recycled/reused & ZLD should be achieved.no treated wastewater shall be discharged to any drain/sewer line etc. | To be complied with. |
| 3 | Hazardous and other waste (management and trans boundary movement) rules,2015(as amended) and manufacture, storage and import of hazardous chemical rules,1989 (as amended) shall be followed strictly and in case of violation the Environmental Clearance shall stand null and void. | To be complied with. |
| 4 | Within one month PP will submit to SEIAA details of best international practices adopted in this sector. | To be complied before commencement. |
| 5 | In this six-monthly report will submit progress of their operations along with environmental footprints vis-à-vis international best practices adopted in this sector and benchmark their operations accordingly. | Being complied. |
| 6 | Within three months duly qualified EHS professional will be engaged for this project. | To be complied with. |
| 7 | Project proponent (PP) shall obtain separate Environment Clearance for commercial drilling & Exploration and this proposal is for drilling & exploration activity only as per EIA Notification 2006, and amended dated 16.01.2020(category B2 of activity1B) | Noted. |
| 8 | No drilling shall be carried out in protected areas | Noted. |
| 9 | The Company shall make all arrangements at the drilling site to prevent runoff of any oil-contain waste into the nearby water bodies. A separate drilling system shall be created for oil-contaminated & non-oil contaminated. Effluent shall be properly treated & treated wastewater Shall confirm to CPCB/UPCB Standards. | To be complied with. Provision of storm water drainage will be made at drill/ well pad site. |
| 10 | Drill cuttings separated from drilling fluid shall be adequately washed and disposed of according to the HWMH rule. 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.546 dated 30 th August 2005. | To be complied with. ETP will be installed for treatment & reuse of treated effluent. |
| 11 | Oil spillage prevention & mitigation scheme prepared. In case of oil spillage/contamination, as action adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of by the authorized recyclers. | To be complied with. |

| S.No. | EC Conditions | Status of Compliance |
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| 12 | After Compliance of drilling activities case of non-availability of hydrocarbons, the site shall be restored to its normal condition as per the prevailing rules/guidelines/site restoration policy. | To be complied with, in case of non-availability of hydrocarbons |
| 13 | PP shall adopt best drilling practice and drilling operations shall be designed in such a way that there is no chance of contamination of groundwater aquifer | To be complied with. |
| 14 | PP Shall take all precautionary measures to avoid any contamination of groundwater | To be complied with. Adequate measures such as HDPE liner for pits, waste management etc. will be implemented. |
| 15 | The National Ambient Air Quality emission standards issued by the ministry vide GSR NO.826(E) dated 16 th November 2009 shall be complied with. | To be complied with. |
| 16 | The unit shall have to adhere to the prevailing area -specific policies of UPCB concerning the discharge of pollution and shall carry out the project proponent must strictly adhere to the stipulations made by the Uttar Pradesh Pollution Control Board, State Government, and/or any other statutory authority. | To be complied with. |
| 17 | The Company shall develop a contingency plan for H ₂ S release including all necessary aspects from evacuation to resumption of normal operations' workers shall be provided with personal H ₂ S detectors in locations of high risk of exposure along with self -contain breathing apparatus. | To be complied with. |
| 18 | Company shall prepare operating annual in respect of all activities, which would cover all safety and Environment related issues and measures and measures to be taken for protection. One set of Environment manuals shall made available at the drilling site/Project site of Management. All the schedules & results of environmental monitoring shall be available at the project site office. Remote monitoring of the site should be done. | Vedanta has Environmental Policy and plans which will be implemented during site work. Environmental manual has been prepared and same will be implemented. |
| Safety & Health | | |
| a | PP Shall carryout mock drills within the premises as per the prevailing guidelines of safety display a proper evacuation plan in the manufacturing area in case of any emergency of accident. | To be complied with. |
| b | PP shall take all the necessary steps for human safety within premises to ensure that no harm is caused to any worker/employee or labour within premises. | To be complied with. |
| C | The consequence arising out of incidents as well blow out fire explosion, National available by various risk analysis studies and unit shall submit Disaster Management Plan (DMP) to the concerned authority based on such probable scenarios. | To be complied with. |
| d | Personal protective Equipment's (PPEs) shall be provided to workers and its use shall be ensured and supervised. | To be complied with. |
| e | First Aid Box shall be made readily available in the unit. | To be complied with. |
| f | Occupational health surveillance of the workers shall be done & its records shall be maintained. Pre-employment and periodical examination for all the workers shall be undertaken on regular basis as per factories Act & Rules. | To be complied with. |
| g | The company shall take necessary measures to prevent fire hazards, containing oil spills and soil remediation as needed. | To be complied with. |
| h | Blow out preventer system shall be installed to prevent well blowouts during drilling operations. | To be complied with. |
| i | The emergency response plan shall be based on the guidance prepared by OICD, DGMs, and Govt. of India. | To be complied with. |

| S.No. | EC Conditions | Status of Compliance |
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| Water | | |
| 1 | Total water requirement for the project shall not exceed 105 KLD per well (87 KLD for drilling & 18 KLD for early production). The freshwater requirement shall not exceed 105 KLD per well and it shall not be met through tanker. | To be complied with. |
| 2 | PP shall not dig borewell for freshwater requirements. | To be complied with. |
| 3 | The Industrial effluent generation from the project shall not exceed 40 KLD per well | To be complied with. |
| 4 | Total industrial effluent generation from various activities shall be treated in mobile ETP followed by UF & RO and reused back into process. | To be complied with. |
| 5 | PP shall obtain prior permission for disposal of treated effluent. | To be complied with. |
| 6 | Zero Liquid Discharge (ZLD) status shall be maintained all the time there shall be no drainage connection from the premises. | To be complied with. |
| 7 | Domestic wastewater generation shall not exceed 12 KL/day per well for the proposed project and it shall be treated in STP. Treated sewage shall be utilized for gardening & plantation purpose within premises after achieving on-land discharge norms prescribed by the UPCCB. | To be complied with. |
| 8 | During monsoon season when treated sewage may not be required for the plantation/Gardening/green belt purpose, it shall be stored within premises. There shall be no discharge of wastewater outside the premises in any case. | To be complied with. |
| 9 | Unit shall provide buffer water storage tank of adequate capacity for storage of treated water during rainy days | To be complied with. |
| 10 | The unit shall provide a metering facility at the ETP, UF, RO & STP and maintain records for the same. | To be complied with. |
| 11 | Proper logbooks of ETP, UF, RO, & STP treated effluent reused in Plantation, consumption in effluent treatment, quantity & quality of treated effluent, power consumption, etc. shall be maintained and shall be furnished to the UPCCB from time to time. | To be complied with. |
| Air | | |
| 1. | Unit shall provide adequate APCM with flue gas generation source. | To be complied with. |
| 2. | There shall be no process, gas emission from drilling & exploration activities, and other ancillary operations. | To be complied with. |
| 3 | The fugitive emission in the work zone environment is maintained. The emission shall conform to the standards prescribed by the concerned authorities from time to time (eg. Director of Industrial safety & health). Following indicative guidelines shall also be followed to reduce fugitive emissions <ul style="list-style-type: none"> • The internal road shall be either concreted or asphalted or paved to reduce fugitive emission during vehicular movement. • Air Borne dust shall be controlled with water sprinklers at suitable locations in the plant. • A green belt shall be developed all around the plant boundary & also along the roads to mitigate fugitive & transport dust emission | To be complied with. |
| 4 | Regular monitoring of volatile organic compounds (VOCs) shall be carried out in the work zone area ambient air. | To be complied with. |
| 5 | Regular monitoring of the 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 prescribed limits, necessary additional control measures shall be taken, immediately. The location of the stations and frequency of the monitoring shall be decided in consultation with UPCCB. | To be complied with. |

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| Solid Hazardous waste | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | All the solid/hazardous waste management shall be taken care of as mentioned below. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table><tr><td>S. No</td><td>Nature of Waste</td><td>Quantity during drilling activities</td><td>Mode of disposal</td></tr><tr><td colspan="4">A Hazardous Waste</td></tr><tr><td>1</td><td>Drill cuttings associated with SBM</td><td>500-1500 tons/well</td><td>Cuttings will be washed & contained in the cutting's disposal area (HDPE lined collection pit) provided per the requirement of HW (MHTM),2006 Rules</td></tr><tr><td>2</td><td>Spent/ residual drilling mud</td><td>250/500 tons/well</td><td>The mud will be disposed of as per Hazardous waste Rules,2016.</td></tr><tr><td>3</td><td>Used lubricating oil, sludge containing, and other drilling work</td><td>1-2 tons/ well 250-500 tons/well</td><td>Use oil will be sent to SPCB authorized. Recyclers. The oil-contaminated sludge will be disposed of as per Hazardous Waste Rules, 2016.</td></tr><tr><td colspan="4">B Non-Hazardous Waste</td></tr><tr><td>4</td><td>Drill cuttings associated with WBM</td><td>250-750 tons/well</td><td>Cuttings will be washed and contained in the cuttings disposal area (HDPE lined collection pit) and disposed of suitably.</td></tr><tr><td>5</td><td>Food Waste</td><td>25-30 kg per well</td><td>Food waste will be stored in a closed container & composted.</td></tr><tr><td>6</td><td>Non-combustible waste containing metallic residues, glass</td><td>1000-1200 Kg/well</td><td>To be disposed of their registered vendors periodically.</td></tr><tr><td>7</td><td>Packaging wastes including drums, wooden pallets, Plastic containers, Plastic foils</td><td>250-300 Kg/well</td><td>To be analysed for the trace/heavy metals content before disposing suitably.</td></tr><tr><td>8</td><td>Leftover chemicals and materials, scrap metal sludge, scales, batteries, spent acids, spent lubricants filters, etc.</td><td>250-300 Kg/Well</td><td>Scrap metal and recoverable material to salvages before dispose of balance material the registered vendors.</td></tr><tr><td>9</td><td>Cement, grit, blasting, and painting wastes</td><td>500 Kg per well</td><td>To be disposed of their registered vendors periodically</td></tr></table> | S. No | Nature of Waste | Quantity during drilling activities | Mode of disposal | A Hazardous Waste | | | | 1 | Drill cuttings associated with SBM | 500-1500 tons/well | Cuttings will be washed & contained in the cutting's disposal area (HDPE lined collection pit) provided per the requirement of HW (MHTM),2006 Rules | 2 | Spent/ residual drilling mud | 250/500 tons/well | The mud will be disposed of as per Hazardous waste Rules,2016. | 3 | Used lubricating oil, sludge containing, and other drilling work | 1-2 tons/ well 250-500 tons/well | Use oil will be sent to SPCB authorized. Recyclers. The oil-contaminated sludge will be disposed of as per Hazardous Waste Rules, 2016. | B Non-Hazardous Waste | | | | 4 | Drill cuttings associated with WBM | 250-750 tons/well | Cuttings will be washed and contained in the cuttings disposal area (HDPE lined collection pit) and disposed of suitably. | 5 | Food Waste | 25-30 kg per well | Food waste will be stored in a closed container & composted. | 6 | Non-combustible waste containing metallic residues, glass | 1000-1200 Kg/well | To be disposed of their registered vendors periodically. | 7 | Packaging wastes including drums, wooden pallets, Plastic containers, Plastic foils | 250-300 Kg/well | To be analysed for the trace/heavy metals content before disposing suitably. | 8 | Leftover chemicals and materials, scrap metal sludge, scales, batteries, spent acids, spent lubricants filters, etc. | 250-300 Kg/Well | Scrap metal and recoverable material to salvages before dispose of balance material the registered vendors. | 9 | Cement, grit, blasting, and painting wastes | 500 Kg per well | To be disposed of their registered vendors periodically | To be complied with. |
| S. No | Nature of Waste | Quantity during drilling activities | Mode of disposal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A Hazardous Waste | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Drill cuttings associated with SBM | 500-1500 tons/well | Cuttings will be washed & contained in the cutting's disposal area (HDPE lined collection pit) provided per the requirement of HW (MHTM),2006 Rules | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Spent/ residual drilling mud | 250/500 tons/well | The mud will be disposed of as per Hazardous waste Rules,2016. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Used lubricating oil, sludge containing, and other drilling work | 1-2 tons/ well 250-500 tons/well | Use oil will be sent to SPCB authorized. Recyclers. The oil-contaminated sludge will be disposed of as per Hazardous Waste Rules, 2016. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B Non-Hazardous Waste | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Drill cuttings associated with WBM | 250-750 tons/well | Cuttings will be washed and contained in the cuttings disposal area (HDPE lined collection pit) and disposed of suitably. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Food Waste | 25-30 kg per well | Food waste will be stored in a closed container & composted. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Non-combustible waste containing metallic residues, glass | 1000-1200 Kg/well | To be disposed of their registered vendors periodically. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Packaging wastes including drums, wooden pallets, Plastic containers, Plastic foils | 250-300 Kg/well | To be analysed for the trace/heavy metals content before disposing suitably. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Leftover chemicals and materials, scrap metal sludge, scales, batteries, spent acids, spent lubricants filters, etc. | 250-300 Kg/Well | Scrap metal and recoverable material to salvages before dispose of balance material the registered vendors. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Cement, grit, blasting, and painting wastes | 500 Kg per well | To be disposed of their registered vendors periodically | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Unit shall explore the possibilities for environment-friendly methods like co-processing of Hazardous wastes for disposal of incinerable & land fillable wastes before sending to common Hazardous waste treatment, storage, and disposal facility (CHWTSDF) sites respectively. | To be complied with. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | The project proponent shall also comply with any additional conditions that may be imposed by the SEAC or the SCIAA or any other competent authority for environmental protection and management. | To be complied with. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Necessary permissions as mandated under the water (prevention and control of pollution) Act,1974 and the Air (Prevention and control pollution) Act,1981, as applicable from time to time, shall be obtained from the State Pollution Control Board. | To be complied with. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | The project proponent shall allocate the separate fund of Rs. 6.02 Crore i.e. 15% of capital investment for the activities in accordance to the MoEFCC's office memorandum no.F.NO.22-65/2017-IA.III dated 01.05. 2018.The entire activities proposed under CER shall be maintained and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of the half-yearly compliance report and to the District Collector. The monitoring report shall be posted on the website of the project proponent. | To be complied with. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| S.No. | EC Conditions | Status of Compliance |
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| 4 | All the environmental protection measures and safeguards proposed in form-1 & PFR submitted by the project proponent and commitments made in their application shall be strictly adhered to in letter & spirit | To be complied with. |
| B | General Condition: | |
| | Construction Phase: | |
| 1 | Water demand during construction shall be reduced by the use of curing agents, super Plasticizers, and other best construction practices. | To be complied with. |
| 2 | The project proponent shall ensure that the 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 areas for controlling fugitive emission | To be complied with. |
| 3 | All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase. | To be complied with. |
| 4 | First Aid Box shall made readily available in adequate quantity at all times. | To be complied with. |
| 5 | The project proponent shall strictly comply with the building and other construction workers'(Regulation of Employment & conditions of service) Act 1996 and Uttar Pradesh rules made thereunder and their subsequent amendments. Local bye-laws of concern authority' shall be complied 'in letter and spirit. | To be complied with. |
| 6 | Ambient noise levels shall conform to residential standards both during day & night. Incremental pollution load on the ambient air & noise quality shall be closely monitored during the construction phase. | To be complied with. |
| 7 | Use of Diesel Generator (JG)sets during the construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standard. | To be complied with. |
| 8 | Safe dispose of wastewater and municipal solid wastes generated during the construction phase shall be ensured. | To be complied with. |
| 9 | All topsoil excavated during construction activity shall be used in horticultural/landscape development within the project site. | To be complied with. |
| 10 | Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and the balance quantity of excavated earth shall be disposed of general safety and health aspects. Disposal of the excavated earth during the construction phase shall not create an adverse effect on neighbouring communities. | To be complied with. |
| 11 | The project proponent shall ensure the 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. | To be complied with. |
| 12 | Fly ash shall be used in construction wherever applicable as per provisions of ash notification under the E.P. Act,1986 and its subsequent amendments from time to time. | To be complied with. |
| 13 | Windbreaker of appropriate height i.e., 1/3 rd of the building height and maximum up to 10 meters shall be provided. Individual buildings within the project site shall also be provided with barricades. | To be complied with. |
| 14 | "No uncovered vehicles carrying construction material & waste shall be permitted". | To be complied with. |
| 15 | "No loose soil or sand or construction& demonisation waste or any other construction material that cause dust shall be left uncovered. | To be complied with. |

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| | Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured. | |
| 16 | Roads leading to or at the construction site must be proved and Black topped (i.e.-metallic roads) | To be complied with. |
| 17 | No excavation of soil be carried out without adequate dust mitigation measures in place. | To be complied with. |
| 18 | Dust mitigation measures shall be displayed prominently at the construction site for the early public viewing. | To be complied with. |
| 19 | Grinding and cutting of the building materials in open areas shall be prohibited. | To be complied with. |
| 20 | Construction material & waste should be stored only within the earmarked area and roadside storage of construction material & waste shall be prohibited. | To be complied with. |
| 21 | Construction and demolition waste processing and disposal sites shall be identified and required dust mitigation measure notified at the side. If applicable | To be complied with. |
| Operation Phase | | |
| Water | | |
| 1 | The water meter shall be installed, and records of daily and monthly water consumption shall be maintained. | To be complied with. |
| 2 | All effort shall be made to optimized water consumption by exploring best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent | To be complied with. |
| Air | | |
| 1 | In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should be any adverse impact on human health & environment unit shall carry out third party monitoring of the proposed spray dryer & its APCM through the credible institutes and study report for impacts on Environment & human health shall be submitted to UPPCB every year along with half yearly compliance report. | To be complied with. |
| 2 | The 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 & noise emission standard. | To be complied with. |
| 3 | Stack/Vents(Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/process gas emission. | To be complied with. |
| 4 | Flue gas emission & process gas emission (if any) shall conform to the standards prescribed by the UPPCB/CPCB/MoEF & CC. At no time, the emission level should go beyond the stipulated standards. | To be complied with. |
| 5 | All the reactors/vessels used in the manufacturing process shall be closed to reduce the fugitive emission. | To be complied with. |
| Hazardous/Solid Waste | | |
| 1 | The Company shall strictly comply with the rules and regulation with regards to handling and disposal of hazardous waste in accordance with the hazardous and other wastes (management and Transboundary movement Authorization of the UPPCB shall be obtained for collection/treatment/Storage/disposal of hazardous wastes | To be complied with. |
| 2 | Hazardous wastes shall be dried, packed, and stored in a separate designated hazardous waste storage facility, before its disposal | To be complied with. |

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| 3 | The unit shall obtain the necessary permission form the nearby TSDF site and CHWIF (Whichever is applicable) | To be complied with. |
| 4 | Trucks/tankers used for transportation of hazardous waste shall be in accordance with the provision under the motor vehicle Act,1988, and rules made thereunder. | To be complied with. |
| 5 | The design of the trucks/tankers shall be such that there is no spillage during transportation. | To be complied with. |
| 6 | All possible efforts shall be made for co-processing of the hazardous waste prior to disposal into TSDF/CHWIF. | To be complied with. |
| 7 | Management of fly ash (if any) shall be as per the fly as notification 2009 & its amendment from time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit. | To be complied with. |
| Safety | | |
| 1 | The Occupier/Manager shall strictly comply with the provisions under the factories Act 1948. | To be complied with. |
| 2 | The project authorities shall strictly comply with provisions made in manufacture, storage, and import of hazardous chemical Rules (MSIHC)1989.as amended from time to time, and the public liability Insurance Act for the handling of hazardous chemicals, etc. necessary approvals from the chief controller of explosives and concerned Govt. Authorities shall be obtained before the commissioning of the project. Requisite on-site and off-site Disaster management plans have to be prepared and implemented. | To be complied with. |
| 3 | Main entry and exit and exit shall be separate and clearly marked in the facility. | To be complied with. |
| 4 | Sufficient peripheral open passage be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises. | To be complied with. |
| 5 | Storage of flammable chemicals shall be sufficient away from the production area. | To be complied with. |
| 6 | Sufficient number of fire extinguishers shall be provided near the plant and storage area. | To be complied with. |
| 7 | All necessary precautionary measures shall be taken to avoid any kind of accident during storage & handling of toxic/hazardous chemicals. | To be complied with. |
| 8 | All the toxic/Hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activity. | To be complied with. |
| 9 | The project management shall ensure to camply with all the Environment protection measures, risk mitigation measures, and safeguard maintained in the risk- assessment report | To be complied with. |
| 10 | Only flame-proof electric fittings shall be provided in the plant premises. | To be complied with. |
| 11 | Storage of hazardous chemical shall be minimized, and it shall be in multiple small capacity tanks/containers instant of one single large capacity tanker/container. | To be complied with. |
| 12 | All the storage tanker shall be fitted with appropriate controls to avoid any leakage. Bund/Dyke walls shall be provided for storage tanks for hazardous chemicals. | To be complied with. |
| 13 | Handling and charging of chemicals shall be done in a close manner by pumping or by vacuum transfer so that minimal human exposure accrues. | To be complied with. |
| 14 | Tie-up shall be done nearby health care unit/doctor for seeking immediate medical attention in the case of emergency | To be complied with. |

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| 15 | Personal protective Equipment (PPEs) shall be provided to workers and its usage shall be insured and supervised. | To be complied with. |
| 16 | First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity. | To be complied with. |
| 17 | Training shall be imparted to all the workers on the safety and health aspects of chemicals handling. | To be complied with. |
| 18 | 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 as per the Factories Act & Rules. | To be complied with. |
| 19 | Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules. | Not applicable |
| 20 | The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report. | To be complied with. |
| 21 | Necessary permissions from various statutory authorities like PESO, Factory inspectorate, and others shall be obtained prior to the commissioning of the project. | To be complied with. |
| Noise | | |
| 1 | The company shall arrangements for the control of noise from the drilling activities. | To be complied with. |
| 2 | The overall noise level in and around the plant area shall be kept well within the standard ambient noise level shall conform to the standards prescribed under environment(Protection) Act & Rules, 1986 amended from time to time. | To be complied with. Periodic monitoring will be carried out at drilling site. |
| 3 | Noise levels for workers shall be as per the Factories Act & Rules. | Noted for compliance. |
| Cleaner Production and Waste Minimisation | | |
| 1 | The unit shall undertake the Cleaner Production Assessment study through a reputed institute/ organization and shall from be furnished to the UPPCB. | To be complied with. |
| 2 | The company shall undertake various waste minimization measures such as: | |
| i | Metering and control of active ingredients to minimize waste. | Not applicable |
| ii | Reuse of by-product from the process as raw materials or as raw materials substitutes. | Not applicable |
| iii | Use of automated and close filling to minimize spillages. | Not applicable |
| iv | Use of close feed system into batches. | Not applicable |
| v | Venting equipment through vapour recovery system. | Not applicable |
| vi | Use of high-pressure hoses for cleaning to reduce wastewater generation. | Not applicable |
| vii | Recycling of wastes to subsequent batches. | Not applicable |
| viii | Recycling of system condensate. | Not applicable |
| ix | Sweeping/ mopping of the floor instead of floor washing to avoid effluent generation. | Not applicable |
| x | Regular preventive maintenance for avoiding leakage, spillage, etc. | To be complied with. |
| Green Belt and other Plantation | | |
| 1 | The unit shall develop a green belt within the premises as per the CPCB guidelines, However, if adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in any other open areas in consultation with | Exploratory drilling is a very short term & temporary activity. In case of commercially viable discovery of hydrocarbons and |

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| | the forest Department/UPPCB and suitable action plan of plantation for the next three years to the UPCB. | during development & production greenbelt will be developed. |
| 2 | Drip irrigation/low-volume, low-angle sprinkler system shall be used for the green belt development within the premises. | To be complied with. |
| Other Condition | | |
| 1 | The project proponent shall allocate the separate fund for corporate Environment Responsibility (CER) in accordance with 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 the affected area monitoring report shall be submitted to the regional office of MoEFCC as a part of the half-yearly compliance report and to the district collector. The monitoring report shall be posted on the website of the project proponent. | To be complied with. |
| 2 | Rain- water 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 change ground water. Before recharging the surface runoff, pre-treatment must be done to remove suspended matter. | Not applicable. Drilling is very short-term activity. |
| 3 | 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 UPSIDC or UPPCB or any such authority created for this purpose by the Govt./UPSIDC. | To be complied with. |
| 4 | 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. | Not feasible in drilling activity as it is very short term process. |
| 5 | The area earmarked as a green area shall be used only for plantation and shall not be altered for any other purpose. | Noted for compliance. |
| 6 | 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. | Noted for compliance. |
| 7 | 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 of environmental protection and management. | To be complied with. |
| 8 | 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. | To be complied with. |
| 9 | The project authorities must strictly adhere to the stipulations made by Uttar Pradesh Pollution Control Board (UPPCB), State Government, and any statutory authority. | Noted for compliance. |
| 10 | During material transfer there shall be no spillages and garland drains shall be constructed to avoid mixing of accidental spillages with domestic wastewater or stormwater. | To be complied with. |
| 11 | Pucca flooring/impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination | To be complied with. |
| 12 | Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly. | To be complied with. |
| 13 | No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environmental clearance from the concerned authority. | Noted. |

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| 14 | The above conditions will be enforced inter-alia under the provisions of the Water (Prevention & control of Pollution) Act,1974, Air (Prevention & Control) Act,1981, the Environment (protection) Act,1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the public liability insurance Act, 1991 | To be complied with. |
| 15 | The project proponent shall comply with 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. | To be complied with. |
| 16 | The project management shall ensure that the 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 the project proponent. | To be complied with. |
| 17 | The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as UPPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose. | To be complied with. |
| 18 | The applicant shall inform the public that the project has been accorded environmental clearance by SEIAA and that the copies of the clearance letter are available with the UPPCB and many also be seen at the website of SEIAA/SEAC/UPPCB. in at least two local newspapers that are Widely circulated in the region, one of which shall be in the Uttar Pradesh language and the other in English. 'A copy each of the same shall be forwarded to the concerned regional office of the Ministry. | To be complied with. |
| 19 | 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 st June and 1 st December of each calendar year. | Being complied. |
| 20 | 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 provision of the Environment (Protection) Act, 1986. | Noted. |
| 21 | The project authorities shall also adhere to the stipulations made by Uttar Pradesh Pollution Control Board | Noted for compliance. |
| 22 | The SEIAA may revoke or suspend the clearance if the implementation of any of the conditions is not found satisfactory. | Noted. |
| 23 | The company in a time-bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions if the same is found necessary. | Noted. |
| 24 | The project authorities shall inform the UPPCB, Regional office of MoEF, and SEIAA about the date of financial closure and final approval of the project by concerned authorities and the date of start of the project. | Noted for compliance. |
| 25 | This environmental clearance is valid for seven years from the date of issue. | Noted. |
| 26 | 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. | Noted. |
| 27 | 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. | Noted. |

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| 28 | At the time of Construction/operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19 | Noted for compliance. |
| 29 | In the compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no.13029/1985(MC Mehta Vs GOI and others) anti-smog guns shall be installed to reduce dust during excavation. | Noted for compliance. |
| 30 | The project proponent shall submit within the next 3 months the data of ground water quality including fluoride parameters to the limit of minimum seduction level for all six monitoring Stations. | Periodic environmental monitoring will be carried in pre-drilling, during-drilling and post drilling stage. |
| 31 | Plantation of trees should be of local indigenous species and may be as per the consultation of the local district forest officer. | To be complied with. |
| 32 | The wastewater generated should be treated properly in a scientific manner i.e., domestic wastewater to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluents shall be treated separately. | To be complied with. |
| 33 | All required sanitary and hygienic measures should be in place before starting construction activities to be maintained throughout the construction phase. | To be complied with. |
| 34 | Municipal solid waste shall be disposed of/managed as per Municipal Solid Waste (Management and Handling) Rules,2006 | To be complied with. |
| 35 | The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act,1986, in case of the diversion of forest land for non-forest purposes involved in the project. | Project does not involve forest land. |
| 36 | The project proponent shall obtain clearance from the National Board for Wildlife, if applicable. | Not applicable. |
| 37 | The project proponent shall prepare a site-Specific Conservation Plan & Wildlife Management Plan and be approved by the Chief Wildlife Warden. The recommendations of the approved site-Specific Conservation plan/Wildlife Management Plan shall be implemented in consultation with the state forest Department. The implementation report shall be furnished along with the six-month compliance report. (In case of the presence of schedule-1 species in the study. | To be complied with. |
| 38 | The project proponent shall obtain Consent to Establish/ Operate under the provisions of the Air (prevention & Control of Pollution) Act,1981 and the water (prevention & Control of Pollution) Act,1974 from the concerned State Pollution Control Board/ Committee. | To be complied with. |
| 39 | The project proponent shall obtain the necessary permission from the central Ground Water Authority, in case of drawl of groundwater/from the competent authority concerned in case of drawl of surface water required for the project. | No ground water will be extracted for this project. |
| 40 | The Project proponent shall obtain authorization under the Hazardous and other waste management Rules,2016 as amended for time to time. | To be complied with. |
| 41 | The self-environmental audit shall be conducted annually, every three years third-party environment audit shall be carried out. | To be complied with. |
| 42 | Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as a cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche, and First Aid Room, etc. | To be complied with as applicable. |
| 43 | Adequate drinking water and sanitary facility should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured. | To be complied with. |

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| 44 | The Solid waste generated should be properly collected and segregated. Dey/inert solid waste should be disposed of off to the approved sites for land filling after recovering recyclable material. | To be complied with. |
| 45 | Corporate Environmental responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.A copy of the resolution of the board of directors shall be submitted along with six monthly compliance reports. | To be complied with. |
| 46 | No parking shall be allowed outside the project boundary. | Noted. |
| 47 | Digging of basement shall be undertaken on account of structural safety of adjacent buildings under information/consolation with district administration/ mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the sites (to the extent possible) so that the natural drainage system of the area is protected and improved. | To be complied with. |
| 48 | Surface rainwater has to be collected in the kaccha pound for groundwater recharging and irrigation of horticulture and peripheral plantation. | To be complied with. |
| 49 | The approval of competent authority shall be obtained for the structural safety of the buildings due to any possible earthquake, adequacy of firefighting equipment, etc. as per the National Building code including code including measures from lighting. | Not applicable. |
| 50 | Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposal of taking the necessary precaution for general safety and health aspects of people, only in approved sites with the approval of the competent authority. | To be complied with. |
| 51 | The diesel generator sets to be used during the construction phase should be low sulphur diesel type and should confirm to environments (protection) Rules prescribed for air and noise emission standards. | To be complied with. |
| 52 | Ambient noise levels should confirm to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. Adequate measures should be made to reduce ambient air and noise level during the construction phase, to confirm to the stipulated standards by CPCB/UPPCB. | To be complied with. |
| 53 | The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential areas and pollution is also reduce. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO/ Agriculture Dept. | To be complied with. |
| 54 | Pavements shall be so constructed as to allow infiltration of surface run-off of rainwater, Construction of pavements around trees should be able to facilitate suitable watering, aeration, and nutrition to the tree. | Noted for compliance. |
| 55 | Roof to power in the rainy season is to be discharge into RWH pits for ground water recharging. The arrangement shall be made that wastewater and stormwater do not get mixed. | Not applicable. |
| 56 | This environmental clearance is issued subject to land use verification. Local authority/ Planning authority should ensure this concerning Rules, regulation, Notifications, Government Resolutions, Circular, etc issued if any | Noted. |