



Environmental Protection Agency

Ganges Street, Sophia,
Georgetown, GUYANA
Tel.: (592) 225-0506
Fax: (592) 225-5481
Email: epa@epaguyana.org
Website: <http://www.epaguyana.org>


Environmental Permit (Varied)

Issued under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

Reference No.:	20210126-SEIPG
Fee:	Medium (C2) - US\$800 per year
Fees Paid:	US\$ 4000 for five (5) years – October 2022 to September 2027.
Addressee:	Skeldon Energy Inc. (SEI) Lot 150, Crown Street Queenstown Georgetown
Activity:	Operation of a Cogeneration Power Plant, Storage of Diesel and Heavy Fuel Oil (HFO), Steam Boilers, Incinerator and Transportation of Sludge.

Skeldon Energy Inc., hereinafter referred to as the “Permit Holder”, is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to operate a Cogeneration Power Generation Plant with a Wartsila Power Plant (with three Diesel Generator Sets), Two Steam Boilers, Two Steam Turbines (an Extraction Condensing Steam Turbine and a Back Pressure Steam Turbine), Storage of Diesel and Heavy Fuel Oil (HFO), and an Incinerator at Skeldon Estate, Corriverton, Corentyne, Berbice, hereinafter referred to as the “Project”, in a manner indicated in the initial Application for Environmental Authorisation submitted on January 26, 2021, and in the Application for Variance of Environmental Authorisation submitted on July 12, 2024, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, existing and/or forthcoming regulations made under the said Act, and/or any other applicable laws, guidelines, best practices, and standards relevant to this project.

This is a Variance of the Environmental Permit, Reference# 20210126 - SEIPG, issued on October, 2022, which will expire on September 2027. This Environmental Permit (Varied) is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.


2024-08-05



Environmental Permit (Varied) - Ref. No.: 20210126-SEIPG

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The Permit Holder, his Servants, Agents, and/or Sub-Contractor(s) shall comply with the following Terms and Conditions for Construction:

1.0 GENERAL

- 1.1 Make an application to the Agency to vary this Environmental Permit (Varied) in instances where it becomes necessary to:
- i. Change the construction, operation, structure, or layout of the facility and all associated buildings;
 - ii. Change equipment, machine, apparatus, mechanism, system or technology serving the facility;
 - iii. Change the position and design of any outlet at the point or points of discharge of effluents; or
 - iv. Affect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Adhere to requirements of the **Occupational Health and Safety Act, Cap 99:10, Laws of Guyana.**
- 1.3 Employ or designate an employee to the role of an Occupational Health and Safety (OHS)/Environmental Officer to be responsible for the implementation and coordination of all safety requirements, and terms and conditions stipulated in this Permit, as well as compliance monitoring with the preparation of all required reports.
- 1.4 Make all employees, and third parties under your direction, aware of the conditions of the Environmental Authorisation and provide training on good environmental practices.
- 1.5 Obtain and maintain approval from the Guyana Fire Service and provide fire protection measures in accordance with this approval.
- 1.6 A revised **Environmental Management Plan (EMP)** for the Project shall be submitted to the Agency by **December 31, 2024**. The EMP shall include an Emergency Spill Response Plan (ESRP) which shall include but not be limited to local emergency response authorities, notification of national and local authorities, coordination of clean-up activities, and assessment of health hazards to humans and the environment.

 
2024-08-05

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1.7 The Project shall be implemented in accordance with the approved EMP, all plans, specifications of location, pathways, reserve, and boundary lines shall be adhered to, unless otherwise authorised; evidence of which must be provided to the Agency.

1.8 **The Permit Holder shall submit to the EPA upon receipt, the requisite approvals from the Central Housing and Planning Authority (CH&PA), Guyana Power and Light, or any other authority with jurisdiction and oversight over the Project.**

2.0 POWER GENERATION

2.1 The most recent copy of the inspection and maintenance report of the Wartsila Power Plant (with three Diesel generator Sets) shall be submitted to the EPA by December 31, 2022.

2.2 An Operation and Maintenance Manual shall be established for the Project to ensure that engines are operating in accordance with their optimal specifications. The Manual shall address all aspects of the ongoing operation, including the required maintenance and inspection schedule, monitoring/investigation procedures, emergency response, and requirements for review of the Manual.

2.3 The Operation and Maintenance Manual shall be submitted to the EPA for review and approval **by December 30, 2022.**

2.4 Power generation engines shall continue to be housed on an impervious base to prevent the contamination of soil with fuel or waste oil.

2.5 The following records shall be maintained for all power generation engines present at the Project and submitted in the **Annual Report:**

- i. Megawatt thermal input;
- ii. Calorific value; and
- iii. Fuel-oil consumption.

2.6 A training schedule for employees shall be established and submitted to the EPA by **December 30, 2022.** This training should include, but not be limited to, training in basic electrical theory, proper safe work procedures, and hazard awareness and identification.

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3.0 WATER AND SOIL QUALITY MANAGEMENT

- 3.1 Strictly comply with the provisions of the **Environmental Protection (Water Quality) Regulations 2000**.
- 3.2 Avoid erosion, siltation, and sedimentation of existing water bodies within the vicinity of the project site. Do not discharge wastewater from washout and/or cleanout of bitumen, concrete, paint, and other construction materials into waterways unless appropriately treated.
- 3.3 Install sediment controls along site perimeter areas that will receive effluent and remove sediments before they accumulate to half of the above-ground height of the perimeter control.
- 3.4 Construct and maintain drainage systems capable of handling the probable maximum precipitation event.
- 3.5 Avoid soil and water contamination from fuel, grease, waste oils, and other petroleum products that might be used at the facility.
- 3.6 Store fuel in a secured designated area to prevent accidental release into the surrounding environment, especially in rainy conditions. The designated area should not be within 100 m of surrounding water bodies.
- 3.7 Store all chemicals in leak-proof containers that are kept under water-resistant cover and surrounded by secondary containment structures (e.g., spill berms, decks, spill containment pallets) to minimize the potential discharge of chemicals in stormwater and external waterways.
- 3.8 A sump with a pump for the discharge of effluent from within the containment shall be installed by **December 30, 2022**. The release valve on the secondary containment shall only lead directly into the oil-water separator.
- 3.9 Pipes from the pump shall be installed over the secondary containment and discharged directly into the oil-water separator.
- 3.10 Effluent from the secondary containment for the Project shall flow through the oil-water separator and should be in accordance with the Guyana National Bureau of Standards (GNBS) *Interim Guidelines for Industrial Effluent Discharge into the Environment*. The following allowable limits should not be

exceeded:

Parameter	Maximum Concentration
Oil and Grease	<10mg/L
Total Petroleum Hydrocarbon (TPH)	< 40 mg/L
Thermal effluent	<40
Chemical Oxygen Demand (COD)	<250 mg/L
pH	5.0-9.0

- 3.11 The Permit Holder shall determine a water quality monitoring plan inclusive of sampling points upstream and downstream and discharge points of the project site and submit the results of all water quality analysis to the EPA as part of the Annual Report.
- 3.12 GPS coordinates for this final discharge point shall be submitted to the EPA by **December 30, 2022.**
- 3.13 Fuel/lubricants including waste oils shall not be drained from equipment onto the ground or into waterways.
- 3.14 All internal drains within the Project shall be constructed of concrete by **December 30, 2022.**
- 3.15 Maintain drainage systems capable of handling the probable maximum precipitation event.

4.0 AIR QUALITY MANAGEMENT AND NOISE ABATEMENT

- 4.1 Strictly comply with the **Environmental Protection (Air Quality) Regulations, 2000** and the **Environmental Protection (Noise Management) Regulations 2000.**
- 4.2 Monitor noise emissions to determine compliance with the **Guyana National Bureau of Standards (GNBS)** Guidelines for Noise Emissions into the Environment. Sound levels from noise-making devices shall not exceed the limits below, at a distance of 15 metres (50 ft) from the source or property boundary, whichever is closer.

Industrial Limits: 100 dB (Day-time (06:00 h -18:00 h))

80 dB (Night- time (18:00 h - 06:00 h))

- 4.3 Locate generators away from communal areas to minimise adverse fumes/soot impacts to the contiguous areas.
- 4.4 Emissions from equipment/ generators shall be in accordance with the World Health Organization (WHO) Air Quality Guidelines for Particulate Matter in the Environment, not exceeding the limits below:
- PM_{2.5}**: 25 µg/m³ 24-hour mean
- PM₁₀**: 50 µg/m³ 24-hour mean
- 4.5 Implement and maintain the **Best Available Technique (BAT)** to reduce particulate matter (pm) emissions into the environment, especially from the raw material (biomass) processing i.e., preliminary cleaning, storage, and bulk loading.
- 4.6 **Best Available Technology (BAT)** shall be installed to treat emissions from the boilers and diesel engines prior to release into the environment by **December 30, 2022**.
- 4.7 SEI shall submit to the Agency for approval the specifications for the technology, referenced in **condition 4.6**, to be used to treat air emissions from the boilers and diesel engines by **December 30, 2022**.
- 4.8 Emissions from the boiler stacks shall be in accordance with the limits outlined in condition **4.11** below as stipulated in **condition 4.12**.
- 4.9 The Emissions Factor of the Project shall be determined and submitted to the EPA by **December 30, 2022**. The emission factors should be calculated as outlined in the US EPA AP-42 Section 3.3 Gasoline and Diesel Industrial Engines.
- 4.10 Conduct visual monitoring to determine the opacity of the emissions being released. Immediately respond to visible (opaque, grey to black) emissions that exceed six (6) minutes. Record the date and time of such incidents and actions taken to resolve such episodes. All records should be available to the Agency upon request.
- 4.11 Monitor ambient air quality at the boundary of the property to assess compliance with the requisite standards below:

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No.	Air Pollutant	Averaging Time	Maximum Permissible Level	Type of Monitoring
1.	Carbon Monoxide	1 h	35ppm	Ambient
2.	Nitrogen Dioxide	1 h	200µg/m ³	Ambient
3.	Sulphur Dioxide	24 h	20 µg/m ³	Ambient
4.	PM _{2.5}	24	25 µg/m ³	Ambient
5.	PM ₁₀	24h	50µg/m ³	Ambient

- 4.12 Monitoring shall be conducted during normal operations by trained personnel utilizing calibrated equipment. Results of all monitoring exercises should be maintained and submitted in the Annual Report.
- 4.13 Conduct stack emission testing of all engines older than five (5) years and the incinerator to determine compliance with the requisite standards outlined below:

No.	Air Pollutant	Maximum Permissible Level	Type of Monitoring
1.	Carbon Monoxide	1000mg/m ³	Stack
2.	Oxides of Nitrogen	350mg/m ³	Stack
3.	Sulphuric Trioxide	100mg/m ³	Stack
4.	Particulate Matter	100mg/m ³	Stack

- 4.14 A monitoring protocol shall be submitted on a regular basis **(determined by the Permit Holder and approved by the EPA)**. Monitoring shall be conducted by trained personnel using calibrated equipment. Records of all monitoring exercises shall be maintained and submitted as part of the Annual Report.
- 4.15 Stack emission testing and analysis shall be conducted by qualified personnel using calibrated equipment and US EPA Approved Methods.

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4.16 The calibration certificates shall be submitted to the EPA as a component of the project's **Annual Report**.

4.17 Calculate annual emissions of carbon dioxide and carbon dioxide equivalent from the operation of the engines. The recommended formula for the calculation of annual emissions of carbon dioxide is:

$$E = A \times EF \times (1-ER/100)$$

Where:

- E = emissions;
- A = activity rate;
- EF = emission factor, and
- ER = overall emission reduction efficiency, %

The Developer shall determine a methodology for the calculation of carbon dioxide equivalent which shall be submitted to the EPA for approval.

The results of all calculations should be submitted in the Annual Report.

Monitor ambient air quality to determine compliance with the World Health Organisation (WHO) Air Quality Guidelines.

PM_{2.5}: 25 µg/m³ 24-hour mean

PM₁₀: 50 µg/m³ 24-hour mean

5.0 OPERATION OF INCINERATOR

5.1 The incinerator shall only accept waste with the following characteristics, as indicated in the Incinerator Manual:

- i. Sludge at a rate of 160 L/h, with 40% water content; and
- ii. Solid Waste with a combustion capacity of 175 kg/h.

5.2 In accordance with the Incinerator Manual, the Incinerator shall not accept waste which requires more than 1,200°C to be acceptably treated.

5.3 A wet scrubber shall be maintained on the Incinerator to minimise the impacts of air emissions.

5.4 Automatic alarm systems and/or trips shall be maintained for relevant operating

parameters such as temperature, pressure, thermal oxidizer temperature, fan/airflow temperature, waste feed, and condenser failure.

6.0 STORAGE OF CHEMICALS

- 6.1 Chemicals used at the Project shall be stored in bunded/kerbed storage areas which shall satisfy the following requirements:
- i. Low traffic;
 - ii. No floor drains; and
 - iii. Have the capacity to contain 110% of the largest volume of chemicals stored within them.
- 6.2 The Chemical Storage areas shall be clearly labelled, secured, and well-illuminated when not in use. The following warning signs shall be clearly posted:
- i. "Chemical Storage Area";
 - ii. Danger- "Authorized Personnel Only"; and
 - iii. No Smoking.
- 6.3 Where applicable, chemical storage areas shall possess ventilation in accordance with at least one of the following:
- i. Gravity ventilation to the outside with a capacity of one cubic foot per minute per square foot or floor space;
 - ii. Mechanical ventilation with on/off switches at points of ingress that are capable of exhausting to the outside; or
 - iii. Natural ventilation.
- 6.4 Chemicals shall be stored away from ignition sources and in accordance with their hazard characteristics compatibility.
- 6.5 Chemicals shall be stored in appropriate containers as follows:
- i. Sealed Plastic Containers:
 - a. Water-based wastes; and
 - b. Fountain Solutions, Pre- Press.
 - ii. Sealed Metal Containers:
 - a. Solvents and Petroleum-based products; and
 - b. Waste ink, Press-wash, Oil and Oily Absorbents.
- 6.6 Chemical containers shall be labelled with the following:
- i. The words "**Hazardous Materials**"
 - ii. The type of chemicals; and

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- iii. Beginning accumulation date- the date when the container was first placed in the Chemical Storage Area. Should the chemical storage container be reused, the date the chemical was first placed in the container shall be recorded on the container.

- 6.7 Safety Data Sheets for all chemicals shall be readily available and easily accessible at all times at the Project.
- 6.8 Chemical storage containers shall remain closed during storage, except when it is necessary to add or remove waste.
- 6.9 Chemical storage containers shall be inspected weekly for signs of leakage, deterioration, or corrosion and damaged containers shall be replaced immediately. Inspection reports must be maintained and signed by the appropriately qualified inspecting officer and his/her supervisor.
- 6.10 Chemical storage container inspection reports shall be summarised and submitted to the Agency as part of the **Annual Report**.
- 6.11 Standard Operating Procedures (SOPs) for safe transfer operations (from storage containers to the treatment plant), maintenance of containers, and filling of storage containers shall be maintained. Copies of these SOPs shall be submitted to the Agency as a component of the Annual Report.
- 6.12 All employees shall be trained on the SOPs outlined in Condition 6.11. An Annual training schedule shall be submitted to the Agency as a component of the Annual Report.

7.0 COLLECTION, TRANSPORTATION, AND DELIVERY OF WASTE OIL AND OIL SLUDGE

- 7.1 Employees involved in the collection and transportation of waste oil, used oil, and sludge shall be trained on **Hazardous Waste Communication and Emergency Preparedness Response**. Training reports shall be maintained and made available for inspection by the EPA upon request.
- 7.2 Standard Operating Procedures (SOPs) for safe collection and transportation of waste oil, used oil, and sludge shall be established and maintained. Copies of these SOPs shall be made available for inspection by the EPA upon request.

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- 7.3 The Contract or Letter of Agreement between the Waste Generator, Transporter (Third Party), and Skeldon Energy Inc. shall be maintained by the project and made available for inspection by the EPA upon request.
- 7.4 Emergency spill cleanup kits shall be maintained on the vehicle for response to potential spills. Kits should contain absorbent materials, drain seals, and other appropriate tools for clean-up.
- 7.5 Collection Vehicles (waste oil, used oil, sludge) shall be inspected for signs of leakage or corrosion, and damaged parts **must be** repaired/replaced **immediately**. Inspection reports must be maintained and made available for inspection by the EPA upon request.
- 7.6 Collection Vehicles (waste oil, used oil, sludge) shall at all times be parked on an impervious base to prevent leaks and spills of leachate into the soil, water courses, and or surface water. Spillage occurring during the collection of waste shall be **immediately** contained and cleaned up.
- 7.7 Labels shall be affixed to the transport vehicle containing hazardous waste and shall include the following information:
I. **Danger**
II. **No Smoking**
III. **Contains Hazardous Material**
- 7.8 The '**Name of the facility operator or the transporter**', as the case may be, shall be displayed on the transport vehicle.
- 7.9 Collection Vehicles (waste oil, used oil, sludge) dedicated to the collection and transportation of waste oil **shall not** be used for any other purpose.
- 7.10 A register shall be established and maintained, to document the quantities of waste oil collected, transported, and discharged at Skeldon Energy Inc. The registered information shall be made available for inspection by the EPA upon request.
- 7.11 Each transport of hazardous waste shall generate a manifest. The manifest shall contain the following:
i. The name and address of the waste generator;
ii. The name and description of the waste and hazardous class;
iii. The number and type of containers;
iv. The quantity of waste being transported; and
v. The name and address of the facility designated to receive the waste

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- 7.12 Copies of signed manifests shall be maintained by the Project for not less than three years and made available for inspection by the EPA upon request.

8.0 FUEL AND HAZARDOUS/ WASTE MANAGEMENT

- 8.1 Strictly adhere to the provisions of the **Environmental Protection (Litter Enforcement) Regulations 2013** and the **Environmental Protection (Hazardous Waste Management) Regulations, 2000**.
- 8.2 Maintain good housekeeping, sanitary and hygienic practices, and the aesthetic quality of the surroundings at all times.
- 8.3 Promote proper solid waste management and disposal practices at the site, place covered garbage receptacles at strategic locations around the site.
- 8.4 Dumping of waste into the surrounding environment is strictly prohibited. Waste, inclusive of waste oil and/or fuel, shall not be stored within 10 meters of any waterways.
- 8.5 Conduct refuelling, oil changes, and maintenance of equipment on an impervious base.
- 8.6 Spill equipment shall be available and utilised for containing and mitigating spills from fuel, waste oils, lubricants, curing compounds, concrete admixtures, paints, etc. Kits should contain absorbent materials, drain seals, and other appropriate tools for clean-up.
- 8.7 Designate an area for the storage of fuel, used oil, washing detergents, sanitisers, and other hazardous materials. Hazardous materials/waste storage areas shall be clearly labelled and secured. The following labels and warning signs shall be clearly posted:
- 8.7.1 The name of the fuel stored;
 - 8.7.2 The tank capacity
 - 8.7.3 "Hazardous Waste Storage Area"
 - 8.7.4 Danger - "Authorised Personnel Only"
 - 8.7.5 No eating, drinking, or smoking
- 8.8 Hazardous waste shall be contained in bunded/kerbed storage areas. These areas shall adhere to the following requirements:

- 8.8.1 Be situated in low-traffic areas;
 - 8.8.2 No interceptor drains shall be constructed; and
 - 8.8.3 Be bunded to provide 110% containment of the largest volume of hazardous materials stored therein.
- 8.9 Hazardous waste shall be stored in containers appropriate for the waste stream; that is:
- 8.9.1 Sealed Plastic Containers
 - 8.9.2 Water-based waste
 - 8.9.3 Sealed Metal Containers
 - 8.9.4 Solvents and petroleum-based products
 - 8.9.5 Oil and oily absorbents
- 8.10 Hazardous waste/materials storage containers shall be inspected weekly for signs of leakage, deterioration, or corrosion, and damaged containers shall be replaced immediately. Inspection reports shall be maintained and signed by the appropriately qualified inspecting officer and his/her supervisor.
- 8.11 Construct and maintain a septic system on site; the septic tank shall not be located within 1.5 m of a building or property boundary and should be accessible for cleaning and de-sludging. Any modification to the septic tank shall be in accordance with the **Guyana National Bureau of Standards (GNBS)** Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems.
- 8.12 Earthen berms shall be constructed with clay or other low-permeability soil (at least 35% clay). A width-to-height ratio of 3:1 is required for the berm to ensure strength and durability.
- 8.13 Existing secondary containment around the fuel tank shall be inspected monthly for cracks and breakage to ensure they are liquid-tight to withstand hydrostatic pressure of any contained liquid when full. A summarised inspection report shall be submitted to the Agency as a component of the **Annual Report**.
- 8.14 Containment bunds shall remain sealed and all piping must enter or exit the bund over the wall. Bunds shall provide total containment, and no part of the tank infrastructure (e.g. dispenser, filling hoses, and valves) shall protrude outside the bund.

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- 8.15 Fuel storage tanks shall be visually inspected to verify their integrity. A summarised inspection report shall be compiled and submitted to the EPA as part of the Annual Report.
- 8.16 Protection measures such as painting and coating shall be maintained to minimise corrosion of the fuel tanks.
- 8.17 Maintenance and/or repair of fittings, pipes, and hoses shall be conducted in accordance with the manufacturer's specifications. A summarised inspection report shall be compiled and submitted to the Agency as part of the **Annual Report**.
- 8.18 Overfill protection shall be installed and maintained on all fuel tanks by August 31, 2022. This may include an automatic shut-off device or an audible or visible overfill alarm.
- 8.19 The safe fill level shall be clearly identified on the gauge and set at 90% to prevent overfilling. In the event of overfilling, all discharges shall be released into the containment bund.
- 8.20 Dispensing equipment shall be designed with the Best Available Technology (BAT) to minimise spills e.g. suction, pressure, or gravity systems.
- 8.21 The Best Available Technology/Technique (BAT) shall be employed to capture fuel lost during the unloading of fuel to storage tanks and refuelling of equipment.
- 8.22 Secondary containment, drip trays, or other overflow and drip containment measures shall be installed and maintained at connection points or other possible overflow points.

9.0 SPILLS AND EMERGENCY MANAGEMENT

- 9.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, hazardous materials/wastes spills, sudden onset disaster, natural, technological, or human-induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood).
- 9.2 The Permit Holder shall employ and maintain appropriate procedures in keeping with good international industry practice (GIIP) to minimize spill risks, detect leaks, capture spills, and minimize the release of hydrocarbons during transport/transfer, resale, and other Project-related activities.

- 9.3 All near misses, spills, and unwanted/accidental discharges, **amounting to less than imperial five (5) gallons**, must be recorded and reported to the Agency as a component of the Annual Report.
- 9.4 Discharges of contaminants amounting to **five (5) imperial gallons or more** must be reported to the Agency by submitting an "Incident Notification Form for Spills in Onshore Operations" using the most recent template provided by the Agency, **within forty-eight (48) hours** of the incident. A follow-up incident notification form shall be submitted **within seventy-two (72) hours** of the submission of the initial notification form (a total of five days after the discharge of the contaminants).
- 9.5 The Permit Holder shall establish procedures for analysing accidents and failures to determine the causes of the failure and minimize the possibility of a recurrence. This information shall be made available to the Agency upon request.

10.0 COMPLIANCE MONITORING AND REPORTING

- 10.1 Strictly comply with any lawful directions given by the Agency from time to time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.
- 10.2 Monitor the implementation of the conditions of this Environmental Permit (Varied), insofar as they involve adherence by employees and all third parties under your direction.
- 10.3 Report to the Agency any non-compliance(s) with this Environmental Permit (Varied).
- 10.3.1 Within **twenty-four (24) hours** of the time the Holder of this Environmental Permit becomes aware of the non-compliance, with the anticipated manner in which it may endanger human health or the environment may be impacted.
- 10.3.2 Within **seventy-two (72) hours** of the time the Holder of the Environmental Permit (Varied) becomes aware of the non-compliance, submit to the Agency a written report containing a description of the non-compliance, its cause, the period of non-compliance including exact dates and time and the anticipated time it is expected to continue if the non-compliance(s) has not been corrected.

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- 10.4 Submit an **Annual Report** to the EPA on your compliance with this Environmental Permit (Varied) on or before **March 31, of each year**.
- 10.5 Notify the EPA within **twenty-four (24) hours** of the occurrence of any environmental emergencies (e.g., oil spills, hazardous materials/wastes spill, sudden onset disaster, natural, technological or human-induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood).
- 10.6 Notify the Agency in writing of any change of name or ownership of the Permit Holder's facility within **thirty (30) days** after the change occurs.
- 10.7 Notify the Agency within **twenty-one (21) days** in the event of death, bankruptcy, liquidation, or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 10.8 It is the responsibility of the Permit Holder to ensure the permitted activity and premises are secured and that all practicable steps necessary to prevent fires, explosions, leaks, or suspected leaks and spills at the permitted premises are taken.

11.0 INSTITUTIONAL AUTHORITY/LIABILITIES

- 11.1 The Permit Holder shall be liable for any material environmental harm caused by polluting the environment, pursuant to **s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana**.
- 11.2 The Permit Holder shall be liable for any serious environmental harm caused by polluting the environment, pursuant to **s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana**.
- 11.3 The Permit Holder shall be liable for any activity that causes or is likely to cause pollution of the environment unless all reasonable and practicable measures are taken to prevent or minimize any resulting adverse effect, pursuant to **s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana**.
- 11.4 The Permit Holder shall be liable for discharging, causing, or permitting the entry into the environment, of any contaminant in any amount, concentration, or level excess of that prescribed by the regulations or stipulated by this Environmental

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Section 38 of the **Environmental Protection Act, Cap. 20:05, Laws of Guyana**, it is an offence to assault, obstruct or hinder an authorised person in the execution of his/her duty under the said Act or its Regulations and the Permit Holder shall be liable to penalties prescribed under paragraph (c) of the Fifth Schedule for doing so.

- 11.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 11.13 **This Environmental Permit (Varied) is not the final consent; all relevant Permissions shall be obtained from other regulatory bodies before commencing construction activities.**
- 11.14 This Environmental Permit (Varied) is effective for the period stipulated herein, **October 2022 to September 2027.**
- 11.15 This Environmental Permit (Varied) shall remain valid until **September 30, 2027**, unless otherwise suspended, cancelled, modified or varied, in accordance with the **Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.**
- 11.16 This Environmental Permit (Varied) shall be renewed by submitting “an Application for Renewal of Environmental Authorisation to the Agency at least six (6) months before this Permit expires, that is, no later than **March 31, 2027.**”
- 11.17 Any late submission of renewal application(s) after the specified date as stated above, may require the Permit Holder to pay, in addition to renewal fees, a late penalty fee (accruing at the time such obligation was first owed for renewal) at a rate of **two thousand dollars (GY\$2000.00) per day for every business day late**, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.
- 11.18 Failure to comply with the requirements of this Permit or with applicable laws and regulations, whether existing or forthcoming, shall render the Permit Holder liable to prosecution and to penalties, inclusive of civil penalties, injunctive relief and imprisonment, as prescribed under the **Environmental Protection Act, Cap. 20:05, Laws of Guyana**, the Environmental Protection Regulations and other applicable Laws of Guyana.

Environmental Permit (Varied) - Ref. No.: 20210126-SEIPG

Issued under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

Permit (Varied), pursuant to **s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.**

- 11.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 10.3 and 10.4 of this Environmental Permit (Varied), pursuant to **s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.**
- 11.6 The Permit Holder shall not be indemnified by the Agency for any activity that causes or is likely to cause pollution to the environment, resulting from adverse effects through the discharge, of any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and penalties prescribed under the Environmental Protection Act and Regulations.
- 11.7 The Permit Holder shall be liable for any gross negligence or wilful misconduct caused by the Permit Holder, his Servants and/or Agents, to the environment, biodiversity, protected species and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 11.8 Should the Permit Holder contravene or be likely to contravene any condition of this Permit, the Agency (EPA) may serve on him an Enforcement Notice in accordance with **Section 26 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.**
- 11.9 Where it appears to the Agency that the Permit Holder is engaged in any activity that may pose a serious threat to natural resources or the environment or a risk of serious pollution of the environment or any damage to public health, the EPA may issue to the Permit Holder a Prohibition Notice, which may order him to immediately cease the offending activity, in accordance with **Section 27 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.**
- 11.10 The EPA reserves the right to conduct regular inspections of the Permit Holder's activities as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap 20:05, the **Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.**
- 11.11 The Permit Holder, His Servants and/or Agents shall at all times, allow entry to the permitted facility to any Officer designated by the EPA for the purposes of conducting inspections or any other legitimate business of the Agency. Pursuant to

Environmental Permit (Varied) - Ref. No.: 20210126-SEIPG

Issued under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

Signed by
Agency.



on behalf of the Environmental Protection

Date

2024-07-25

I hereby accept the above Terms and Conditions upon which this Environmental Permit (Varied) is granted and agree to abide by the Environmental Protection Act, Cap.20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, the Environmental Protection (Authorisations) Regulations, 2000, and any forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME:	Nikita Mongru
SIGNATURE:	Anil Singh
DESIGNATION:	2024-10 Corporate Secretary
DATE:	2024-08-05





SKELDON ENERGY INC.

"Building a Sustainable Energy Sector Inspired by Renewable Energy Sources"

05th August 2024

244/08/2024

Mr. Rayner Mc Andrew
Senior Environmental Officer
Environmental Protection Agency - Guyana
Investigations & Emergency Response
Whim Office, Corentyne, Berbice
Dear Sir/Madam

AUTHORIZATION

Please be informed that Mr. Amit Singh, the holder of National Identification Number 144076138, is authorized to uplift and sign for the environmental permit in the name of Skeldon Energy Inc.

For all your information and guidance

Yours sincerely

DocuSigned by:

Nikita Mangru

781BB8EBED1D48C...

Nikita Mangru
Management Accountant/ Company Secretary

Guyana Identification Card

GUYANA ID GUYANA ID

NA ID GUYANA ID GUYA

Surname
SINGH

Forenames
AMIT

Sex M Date of Birth 15 May 1982

Nationality
GUYANESE

Date of Issue 02 Oct 2020

Signature *Amit Singh*

Identity No. **144076138**

Environmental Protection Agency,
RECEIVED
AUG 05 2024
L-phn Whim Office

