Environmental Protection Agency

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Operation Permit

(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.:	**20200925-NGPCI**
Fee:	**Medium (C2) i.e. US$ 975 per year**
Fees Paid	**US$4,875: Five (5) years (June, 2021 to May, 2026)**
Addressee:	**Mr. Roopnarine Ramcharitar,** **General Manager** **New GPC Inc.** **Lot A1 Farm,** **East Bank Demerara** ENVIRONMENTAL PROTECTION AGENCY Database Updated A Griffith 12-Jul-21
Activity:	**Manufacturing of Pharmaceuticals, Cosmetics and Household Products with Fuel Storage and Waste Water Treatment Facilities.**

New GPC 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, for the manufacturing of pharmaceuticals, cosmetics and household products with supporting fuel storage and waste water treatment facilities at Lot A1 Farm, East Bank Demerara, hereinafter referred to as the "Project", in a manner indicated in the Application for Environmental Authorisation submitted on September 25, 2020, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, existing and/or forthcoming regulations, guidelines, best practices and standards relevant to this project.

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

1.0 OPERATION

1.1 Notify the Agency in writing and obtain its approval for **ANY** proposed changes in the operation of the Project **at least fourteen (14) days before making the change.** The notification shall contain **a description of the proposed change.** It is not necessary to make such a notification if **an application to vary** this Permit has been made and the application contains a description of the proposed change. In this

condition, 'change in operation' means a change in the nature, or an extension, of the installation, which may have consequences for the environment, including but not limited to the following:

i. Changes in construction, structure, or layout of the facility and all associated buildings.

ii. Installation of new and/or changes to equipment, machine, apparatus, mechanism, system or technology serving the facility.

iii. Any technology used or installed at the facility from which effluent may be discharged.

iv. Any other circumstance or condition prescribed by Regulation 20(3) of the Environmental Protection (Authorisations) Regulations.

1.2 A Health, Safety and Environmental (HS&E) Officer (or similarly designated Officer) shall oversee the implementation, monitoring and reporting of the conditions of this Permit. The Agency shall be notified **within twenty-one (21) days** of any change in representative.

1.3 The Agency shall be provided with the name, qualifications and contact information for the HS&E Officer (or similarly designated Officer), and shall be notified of any change in the company's representative in accordance with **condition 1.2.**

1.4 Guyana Fire Service Approval shall be maintained annually and shall be submitted as a component of the **Annual Report**.

1.5 The Project shall maintain fire prevention and control equipment in accordance with the Guyana Fire Service Approval. This may include a smoke detection and alarm system, fire extinguishers, fire hydrants or sprinkler systems as appropriate.

1.6 Emergency exits shall be clearly marked and **shall not** be obstructed by material storage containers.

1.7 A clear line of sight shall be established before moving large packaged quantities of materials.

1.8 A fully stocked first- aid kit shall be readily available and easily accessible at the Project.

1.9 Safety and hazardous zones within the facility's layout shall be colour coded in accordance with international best practices and standards. All signs shall be legible and shall provide directives and/or instructions that are easy to follow.

1.10 All pipes and valves shall be labelled with the contents and colour-coded in keeping with safety procedures and pipes shall be marked with directional arrows depicting directional flow.

1.11 Flow diagrams of the manufacturing process shall be clearly posted on the walls of the areas where manufacturing operations are occurring.

1.12 The Project shall be clearly labeled, secured and well illuminated when not in use. The following warning signs shall be clearly posted **by June 30, 2021:**

i. Danger- Chemical Storage Area "Authorized Personnel Only"
ii. Read and Follow all label directions
iii. No Smoking
iv. No Eating or Drinking
v. Exit
vi. Entrance
vii. Fire Safety Equipment

1.13 Employees shall be equipped with Personal Protective Equipment (PPE) relevant to their occupational tasks at the operation. PPE should include but not limited to:

1. Safety helmets;
2. Protective respiratory devices that meet requirements of U.S OSHA Respiratory Protection Standard or local equivalent;
3. Safety boots;
4. Gloves with reinforced palms and fingers;
5. Non-snag outer clothing appropriate to the prevailing weather conditions and high-visibility clothing; and
6. Eye protections; tightly fitted safety goggles.

Manufacturing Equipment

1.14 Equipment used in the Project shall be monitored and maintained in accordance with the manufacturer's specifications.

1.15 An automated system shall be established and maintained to support the manual shut off switch at the Pharmaceutical Manufacturing Facility.

1.16 All electrical equipment shall be grounded and explosion-proof.

2.0 HAZARDOUS MATERIALS MANAGEMENT

Transportation of Hazardous Materials

2.1 A Transportation Plan for collection and transportation of hazardous materials shall be established and maintained. The transportation plan shall be submitted to the EPA for review and approval by **June 30, 2021.**

2.2 Fork lift used to lift and transport packaged hazardous materials shall have rated capacity to support the full weight of packages.

2.3 Fork Lifts used for lifting packaged dry hazardous materials shall be free of sharp edges and protrusions.

Handling and Storage of Hazardous Materials

2.4 Hazardous materials shall be stored in accordance with the manufacturer's directions or Safety Data Sheet (SDS) instructions.

2.5 Safety Data Sheets for all hazardous materials shall be readily available and easily accessible at all times at the Project.

2.6 Hazardous materials shall be stored away from non-hazardous materials.

2.7 Hazardous materials shall be separated according to the following compatibility by **June 30, 2021**:

i. Acids separate from Caustics
ii. Acids separate from Bases
iii. Acids separate from Flammables
iv. Bases separate from Flammables,
v. Oxidizers separate from Compressed Flammable Gases
vi. Corrosives separate from Flammables
vii. Oxides separate from all other chemicals
viii. Organic reactives separate from inorganic reactives (metals)
ix. Any other stipulated standards for storage or segregation of chemicals.

2.8 Hazardous material containers shall be clearly labelled in accordance with the Globally Harmonized System of Classification and Labelling. The following must be evident:

i. Signal Word
ii. GHS Symbols- (Hazard Pictograms)
iii. Manufacturer Information
iv. Precautionary Statements/ First Aid
v. Hazard Statements
vi. Product Name or Identifiers

2.9 Emergency spill clean-up kits shall be maintained at the Project for response to spills. Kits must contain absorbent materials, drain seals and other appropriate tools for clean-up. Kits must be readily available and clearly identified at the Project.

2.10 Emergency showers and eye-wash stations shall be maintained where corrosive materials/chemicals are stored to enable immediate emergency response.

2.11 Hazardous materials stored in ton bags and totes shall:

i. Be protected from UV rays;
ii. Be covered to prevent exposure to dirt, dust, and moisture; and
iii. Not hang over the side of pallets used for stacking.

2.12 Hazardous materials stored within drums shall:

i. Be placed within a bunded storage area to ensure any leaks or spills are immediately contained;
ii. Be clearly marked with their contents, and any appropriate warning symbols;
iii. Have scheduled inspection to detect rust, leaks or other damage; and
iv. Remain covered to protect the integrity of your chemicals.

2.13 Liquid hazardous materials shall be stored within secondary containment (bunded area) to minimise the spread/ release of spillage from the storage area. Secondary containment shall be established by **June 30, 2021** and shall possess the following characteristics:

i. Capacity of the secondary containment facility shall be equal to 100% of the greatest volume of liquid stored within the largest storage container;
ii. Walls of the secondary containment facility shall be constructed of earth, steel, concrete or solid masonry. Cracks and seams shall be sealed to prevent leakage;
iii. Liners/flooring of secondary containment facility shall be constructed of asphalt or concrete and designed to withstand foreseeable loading conditions.

2.14 Hazardous materials stored within cans shall be tightly sealed and kept off the floor on pallets.

2.15 Hazardous materials **shall not** be stored on damaged, or inadequately secured racking or on damaged pallets.

2.16 Material storage containers shall be inspected weekly for signs of leakage or corrosion and damaged containers **must be** replaced **immediately.** Inspection reports must be maintained and signed by the appropriately qualified inspecting officer and his/her supervisor.

2.17 Material Container Inspection reports shall be summarised and submitted to the Agency as part of the **Annual Report**.

2.18 Hazardous materials **shall not** be stored in passageways including forklift truck routes, other vehicle routes and pedestrian walkways on site.

2.19 The Project shall maintained adequate rain protection and ventilation for heat and smoke in the event of fire.

2.20 The Project shall maintained ventilation in accordance with 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.

2.21 All exit routes and emergency doors **shall** be free from obstruction at **all times.**

2.22 A register of the quantities of hazardous materials stored at the Project shall be established and maintained. A summary of the registered information shall be submitted to the Agency as part of the **Annual Report**.

2.23 All employees involved in the management of hazardous materials shall be trained on Hazardous Material Communication and Emergency Preparedness Response. The annual training schedule shall be submitted to the Agency as part of the **Annual Report.**

2.24 Approval for the use and management of toxic chemicals shall be obtained from the Pesticide and Toxic Chemical Control Board. A copy of the Approval shall be submitted to the Agency upon receipt.

2.25 Third party contractor(s) utilised by the facility for transport of hazardous and non-hazardous materials shall be authorised by the EPA.

2.26 Standard Operating Procedures (SOPs) for safe transfer operations (from one container to the next), maintenance of containers and filling of storage containers shall be established and maintained. Copies of these SOPs shall be submitted to the Agency as a component of the **Annual Report.**

2.27 All employees shall be trained on these SOPs outlined in **condition 2.23**. An Annual training schedule shall be submitted to the Agency as a component of the **Annual Report**.

3.0 FUEL STORAGE

Adopt and comply with the National Standard "Guidance for the Design, Construction, Modification, and Maintenance of Petrol Filling Stations" and any forthcoming code of practice/guidelines pertaining to the operation of fuel storage.

3.1 An Operation and Maintenance Manual shall be developed and maintained. The Manual shall address all aspects of the on-going operation, including the required maintenance and inspection schedule, loss monitoring/ investigation procedures, emergency response and requirements for review of the Manual.

3.2 The Operation and Maintenance Manual shall be submitted with the **Annual Report** for review and approval.

3.3 A register of the types and quantities of fuel and associated hazardous materials stored onsite shall be established and maintained. A summary of the registered information shall be submitted to the Agency as a component of the **Annual Report**.

3.4 Fuel shall at all times be stored above-ground, in a cool, dry place and away from ignition sources. '**No Smoking**' signs shall be posted where fuel is handled or stored.

3.5 Protection measures such as painting and coating shall be maintained to minimise corrosion of the fuel tanks.

Secondary Containment

3.6 Secondary containment around fuel storage tanks shall provide containment sufficient to contain at least 110% of the contents of the largest storage tank.

3.7 Secondary containment around the fuel tanks 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**.

3.8 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. filing hoses and valves) shall protrude outside the bund.

Fuel Tank and Pipeline Maintenance

3.9 All fuel storage tanks shall be tested by competent persons to verify their integrity once every five years. All tests should be documented including a clear indication of the scope, type and results of the tests. The test methods and results shall be submitted to the EPA as a component of the **Annual Report.**

3.10 An integrity test shall be conducted on ALL the fuel storage tanks and the Report shall be submitted to the EPA as a component of the **Annual Report.**

3.11 Visual quarterly inspections of the fuel tank shall be conducted internally. These results shall be submitted to the Agency as part of the **Annual Report.**

3.12 Maintenance and/ or repair of fittings, pipes and hoses shall be conducted in accordance to manufacturer's specifications. A summarised inspection report shall be compiled and submitted to the Agency as part of the **Annual Report**.

Overfill Protection & Leak Detection

3.13 Overfill protection shall be installed and maintained on all fuel tanks by **July 31, 2021.** This may include an automatic shut off device or an audible or visible overfill alarm.

3.14 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.

Fuel Transfer

3.15 The Best Available Technology/ Technique (BAT) shall be employed to capture fuel lost during the unloading of fuel to storage tanks and refueling of equipment.

3.16 Secondary containment, drip trays or other overflow and drip containment measures shall be installed and maintained at connection points or other possible overflow points.

3.17 A Standard Operating Procedure (SOP) for fuel transfer operations including a checklist of measures to follow during filling operations shall be established and maintained. A copy of this SOP shall be submitted to the EPA as a component of the **Annual Report**.

3.18 All employees shall be trained on the SOP outlined in **condition 6.20.** An Annual training schedule shall be submitted to the EPA as a component of the **Annual Report**.

4.0 WASTE WATER TREATMENT SYSTEM

4.1 The waste water treatment system shall be maintained and operated in accordance with the Operations Manual submitted to the EPA on May 19, 2021.

4.2 The sludge volume in the aeration tank of the waste water treatment system shall not exceed 500ml.

4.3 The effluent capacity within the waste water treatment system shall not 70% at any given time.

4.4 A flow meter shall be installed at the discharge point of the waste water treatment system by **August 31, 2021.**

5.0 WATER QUALITY MANAGEMENT

Adhere to and adhere to the provisions of the **Environmental Protection (Water Quality) Regulations 2000.**

5.1 Storm water discharge shall be directed away from the Project and hazardous waste storage areas.

5.2 The discharge of untreated effluent directly into the receiving waters is **strictly prohibited**.

5.3 Discharge from the fuel storage facility shall pass through the oil water separator prior to discharge into the waste water treatment facility.

5.4 Point source discharge from the Project shall be directed to the Waste Water Treatment System.

5.5 Effluent discharge from the Wastewater Treatment System shall be in accordance with the Guyana National Bureau of Standards (GNBS) *Interim Guidelines for Industrial Effluent Discharge into the Environment* and the Operations Manual of the Waste Water Treatment Plant. The following allowable limits should not be exceeded:

Parameter	Maximum Allowable Concentration	Units	Sample Type	Frequency of Analysis
Flow	N/A	m^3/d	Metered	Daily
Residual Chlorine	<3	mg/L	Grab	Bi-Annually
pH	5.0 – 9.0	mg/L	Grab	
Nitrogen	10	mg/L	Grab	
Biochemical Oxygen Demand (BOD_5)	<500	mg/L	Grab	
Total Suspended Solids	<500	mg/L	Grab	

(TSS)				
Phosphorus	<2	mg/L	Grab	
Chemical Oxygen Demand	<250	mg/L	Grab	
Oil & Grease	<10	mg/L	Grab	
Total Petroleum Hydrocarbon (TPH)	<40	mg/L	Grab	

5.6 Grab samples shall be taken at such time to be representative of the quality of the effluent discharged. The following information shall be recorded and submitted to the EPA in a **Bi-Annually Water Quality Monitoring Report** for each suite of sampling done in accordance with this Permit:

i. The exact place, date and time of sampling;
ii. The person(s) who performed the sampling;
iii. The results of all the analyses;
iv. Copies of original laboratory analytical reports

5.7 The results from the analysis shall be submitted within **thirty (30) days** after the analysis was completed.

5.8 A proposed sampling methodology shall be submitted to the EPA by **July 30, 2021** for approval.

5.9 Sampling shall be conducted in accordance with the EPA approved methodology.

5.10 The analysis of the samples shall be conducted by an accredited and certified laboratory.

5.11 A trained operator or carrier shall at all times supervise, monitor and control the transfer of hazardous liquid materials including paint, to prevent overfill and spill during the entire period of transfer.

5.12 Excessive or inappropriate use of cleaning chemicals shall be avoided. Use of biodegradable/water based cleaning products is encouraged.

5.13 Drainage systems shall be maintained to handle the probable maximum precipitation storm event. All debris and vegetation located within drains shall be removed to allow for free flow of water ways.

5.14 Hazardous materials Store all chemicals in a designated area, at least 10 meters away from watercourses on an impervious base to minimize adverse impacts to the environment in the event of spillage.

6.0 AIR QUALITY AND NOISE MANAGEMENT

Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations, 2000**, and take all necessary precautions to reduce air emissions into the environment from the operation.

6.1 Comply with Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emissions into the Environment, not exceeding the **Industrial Limits** at a distance of 15 meters (50 feet) 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)

6.2 The Best Available Technologies or measures; e.g. silencers, mufflers, enclosures or other appropriate devices, shall be utilized to mitigate adverse noise impacts from heavy machinery and generators on the environment.

6.3 Conduct annual sound level monitoring during operational activities (daytime and night time). Sampling should be done at the boundaries of the property. All records of monitoring should be maintained.

6.4 All mechanical equipment shall be operated and maintained in accordance to manufacturer's specifications to minimize atmospheric emissions. An annual maintenance schedule shall be submitted with the annual report.

6.5 Stack heights and configurations shall be determined using the Good Engineering Practice Stack Height (H_{GEP}) Formula to avoid excessive ground level concentrations of contaminants:

$$H_{GEP} = H + 1.5\,L$$

H_{GEP} = good engineering practice stack height, measured from the ground-level elevation at the base of the stack

H =height of nearby structure(s) measured from ground-level elevation at the base of the stack

L =lesser dimension, height (H) or projected width, of nearby structure(s)

The proposed stack height as determined by the H_{GEP} (inclusive of calculations and google map image showing the buildings under consideration) shall be submitted to the EPA for approval by **August 31, 2021**.

6.6 Ambient air quality monitoring shall be conducted bi-annually during normal operations at the boundary of the property to assess the levels of the following air contaminants in accordance with the table below:

6.7

Air Pollutant	Averaging Time	Maximum Permissible Level	Type of Monitoring	Frequency of Monitoring
Carbon Monoxide	1 h	35ppm	Ambient	Bi-annually
Nitrogen Dioxide	1 h	200µg/m^3	Ambient	Bi-annually
Sulphur Dioxide	24 h	20 µg/m^3	Ambient	Bi-annually
$PM_{2.5}$	24	25 µg/m^3	Ambient	Bi-annually
PM_{10}	24h	50µg	Ambient	Bi-annually

6.8 Records of each ambient air quality monitoring exercise shall be maintained and submit in the Company's **Annual Report.**

6.9 Idling of equipment or vehicles shall be limited, as far as practical and all equipment or vehicles switched off when not in use.

6.10 The Best Available Technologies or measures shall be utilized to prevent or minimize airborne dust emissions during Loading, unloading, handling, transferring or storing of raw materials.

6.11 Complaints of excessive noise, dust and vibrations by stakeholders shall be recorded, investigated and addressed promptly. Records of complaint investigation shall be submitted to the EPA **within twenty-four (24) hours of investigation.**

6.12 In the event of equipment malfunction or **inefficiencies** which may result in visible emissions to air or, in the event of malfunction leads to abnormal emissions, the operator shall:

- investigate and undertake remedial action **immediately**;
- adjust the process or activity to minimize those emissions; and
- record the events and actions taken. This shall be submitted in the annual report.

7.0 WASTE MANAGEMENT

In accordance with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote good sanitation and solid waste disposal practices on site.

7.1 Covered garbage receptacles shall be placed upon impervious base at strategic locations, both within and outside facility.

7.2 Non-hazardous solid waste shall not be burnt on site. All solid waste shall be disposed at an approved Solid Waste Disposal Site, by an EPA Authorised Waste Disposal Company.

7.3 Good house-keeping, sanitary, and hygienic practices shall be maintained at all times. The facility's drains and surroundings shall be kept free of vegetation and litter.

7.4 Solid waste receptacles shall be secured when not in use.

7.5 Hazardous wastes including appliances, fluorescent lamps, pesticides, etc. shall not be disposed of in non-hazardous waste containers.

7.6 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning around waste handling and disposal areas (e.g. sweeping, use of absorbents).

8.0 HAZARDOUS WASTE MANAGEMENT

Adhere to the provisions of the **Environmental Protection (Hazardous Wastes Management)** Regulations, 2000.

8.1 Empty chemical/material containers or drums shall be managed as outline below and are subjected to the Safety Data Sheets (SDSs) for each material:

8.1.1 Empty containers contaminated with hazardous material shall be destroyed prior to disposal at a landfill authorised by the EPA or reused, provided that the empty containers is not a hazard to human health or the environment.

8.1.2 Empty containers may be reused to store the same hazardous material and/or waste.

8.1.3 Containers may be reused to store non-hazardous material and/or waste, if all hazardous waste residuals have been removed and the container thoroughly cleaned.

8.2 Hazardous waste containers shall be labelled with the following:

i. The words **"Hazardous Waste"**
ii. The type of waste
iii. Beginning accumulation date- Date when the container was first placed in the Hazardous Waste Storage Area. Should the hazardous waste container be reused, the date hazardous waste was first placed in the container shall be recorded on the container.

8.3 All hazardous waste shall be stored in a covered, bunded area. This area shall include the following:

i. Signage- **"Hazardous Waste Storage Area"**
ii. Low traffic
iii. No floor drains
iv. Secondary containment capable of containing 110% of the largest volume therein.All hazardous waste shall be recorded, collected, treated and disposed of by an EPA authorised hazardous waste disposal facility. All hazardous waste treatment and disposal shall be documented on a **Waste Manifest Form** which must submitted to the EPA as a component of the **Annual Report**

8.4 Expired materials shall be disposed in accordance with the updated Environmental Management Plan submitted to the EPA. The Certificate of Destruction received from the Government Analyst- Food and Drug Department for each disposal of expired materials shall be submitted to the EPA as a component of the **Annual Report.**

9.0 COMPLIANCE MONITORING AND REPORTING

9.1 Comply with any lawful directions given by the EPA from time-to-time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.

9.2 Make all employees, and third parties under your direction, aware of the conditions of the Permit and provide training on good environmental practices.

9.3 Make all employees/third party contractors aware of the conditions of the Operation Permit and provided with training on good environmental management practices. Prepare and maintain a training file for employees which should be available upon Officers' request during Compliance Inspection.

9.4 Maintain and submit to the Agency records of the type, composition and quantity of contaminant released (i.e. any solid, liquid, gas, odour, sound, vibration, radiation, heat or combination of any of them).

9.5 Report to the Agency of non-compliance(s) with the Operation Permit:

I. **Within twenty-four (24) hours** of the time the Holder of the Construction Permit becomes aware of the non-compliance, the anticipated manner in which it may endanger human health or the environment.

II. **Within seventy-two (72) hours**, submit to the Agency a written report containing a description of the non-compliance, its cause and the period of non-compliance including exact dates and time.

III. Submit a report to the Agency indicating the reasons and the anticipated time it is expected to continue if the non-compliance has not been corrected.

9.6 Submit Annual Reports to the EPA on the progress of the operation and compliance with the conditions under which this Permit was granted on or before March 31 of each year. Please see attached, *Guidelines for the Preparation of Environmental Annual Reports*.

9.7 Notify the Agency in writing of any change of name or ownership of the Permit Holders' facility within thirty days (30) after the change occurs.

9.8 Failure to conform to all terms and conditions, under which this Permit is granted, may result in the Permit Holder being liable for any loss or damage which arises from the Project as a result of the Permit Holder's activities or breach of any terms and conditions of this Permit.

9.9 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.

9.10 An Emergency Spill Response Procedure/Plan (ERP) shall be established and maintained. The Procedure 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.

9.11 The ERP shall be submitted to the EPA June 30, 2021 for review and approval.

9.12 An incident spill report shall document EVERY occurrence of spills during collection and/or transportation of hazardous materials. A copy of the spill report shall be submitted to the Agency as part of the Annual Environmental Report.

9.13 Guyana Fire Service approval shall be maintained for the facility. Approval shall be submitted to the Agency as a component of the Annual Report. Further:

a. Maintain adequate fire protection measures such as the placement of fighting equipment e.g. fire extinguishers and sand buckets, at visible location on site, in accordance with the guidelines established by the Guyana Fire Service.

b. All firefighting equipment MUST be regularly maintained and/or serviced and training, on the use of all equipment, MUST be provided to all employees.

9.14 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.

10.0 INSTITUTIONAL AUTHORITY/LIABILITIES

10.1 The EPA reserves the right to conduct regular inspections of the Permit Holder's operation as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

10.2 The EPA reserves the right to review and /or amend the conditions attached to this Permit, which also includes the review and/or amendment of permit fees in consideration of any changes in fee structure as determined by the Agency for projects of this nature.

10.3 The Permit Holder, His Servants, Agents and/or Sub-Contractors 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 s.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.

10.4 The EPA shall have the right to cancel or suspend this Permit for breach of any of the terms and conditions contained herein.

10.5 The Permit Holder is obligated to ensure that the Facility is permitted by other relevant authorities.

10.6 The Permit Holder shall be strictly liable for the adverse effect of any discharge or release into the environment, or for causing or permitting the entry of any pollutant or contaminant into the environment, in any amount, concentration or level in excess of that prescribed by the regulations or stipulated by this environmental authorisation, as are attributed to projects of this nature and in accordance with section 19(1), (2), and (3) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

10.7 The Permit Holder shall compensate any Party who suffers any loss or damage as a result of the attributed project. (See: s. 19(3)(e) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

10.8 The Agency (EPA) shall notify the Permit Holder immediately of any written claim or notice sent by any Complainant seeking loss or damage for negligence as a result of the Permit Holder lack of due care and diligence.

10.9 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 s.26 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

10.10 Where it appears to the Agency (EPA) that the Permit Holder is engaged in any activity that may pose a serious threat to natural resources or serious pollution of the Environment or any damage to public health, the Agency may issue to the Permit Holder a Prohibition Notice, which may include an order to immediately cease the offending activity. (See: s. 27 of the Environmental Protection Act, Cap. 20:05).

10.11 The Operation Permit is effective for the period stipulated herein **(June, 2021 to May, 2026).**

10.12 This Operation Permit shall remain valid until **November 30, 2025,** unless otherwise suspended, cancelled, modified or varied in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

10.13 This Operation Permit must be renewed by submitting a completed *Application Form for Environmental Authorization* (Operations Permit) to the Agency at least six (6) months before this Permit expires, that is, no later than .

10.14 Any late submission of renewal application (s) after the specified date as stated above, shall require the Permit Holder to pay, in addition to renewal fee, a late penalty fee (accruing at the time such obligation was first owed for renewal) at a rate of **two thousand dollars ($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.

10.15 Failure to comply with the requirements of this Operation 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.

Signed by Sharifah Razack on behalf of the Environmental Protection Agency

Ms. Sharifah Razack
Executive Director (Ag.)

Date 2021.06.04

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

NAME	ANESKA GAINDALALL
DESIGNATION	ENVIRONMENTAL OFFICER
SIGNATURE	
DATE	06th July 2021