



**Environmental
Protection
Agency**

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Environmental 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.:	20231120-SSTAU
Fee:	Small (C2) - US\$175 per year
Fees Paid:	US\$ 875 for five (5) years – February, 2024 to January, 2029

**Addressee: Mr. Sajubhaskar Somanprabha
Texila American University
2442 Plantation Providence
East Bank Demerara**

Activity: Construction and Operation of a Staff Accommodation building.

Texila American University, herein referred to as the "Permit Holder", is hereby authorized 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, to construct and operate the Staff Accommodation building at Parcel 421 & 422, Block III, Ellen Ville, hereinafter referred to as "the Project", in the manner indicated in the Application submitted on November 20, 2023, subject to the terms and conditions set forth herein under the Environmental Protection Act, existing or forthcoming regulations made under the said Act and/or any other applicable Laws of Guyana, best practices, guidelines and standards relevant to this project.

Terms and Conditions for construction to be adhered to by the Permit Holder, his servants, agents and sub-contractors:

Handwritten initials/signature

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1.0 GENERAL

- 1.1 The Permit Holder shall make an application to the Agency to vary this Environmental Permit 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 The Permit Holder shall adhere to the requirements of the **Occupational Health and Safety Act, Cap 99:10, Laws of Guyana.**
- 1.3 The Permit Holder shall 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 The Permit Holder shall make all employees and third parties under their direction aware of the conditions of the Environmental Authorisation and provide training on good environmental practices.
- 1.5 The Permit Holder shall implement boundary lines in accordance with plans, specifications of location, pathways, and reserves, unless otherwise authorized; evidence of which must be provided to the Agency.
- 1.6 The Permit Holder shall not execute construction works between 18:00 hrs. to 06:00 hrs., on any day, close to communal areas unless, approval is sought from the EPA. This requirement does not apply for large concrete pours or asphalt laying and earth removal where work in the early morning and late evening is required.
- 1.7 The Permit Holder shall ensure that appropriate barriers, equipment/material staging areas, and all supporting infrastructure, facilities, and equipment associated with the project site are provided, maintained, and removed upon completion of works. Once works are completed, rehabilitation measures must be implemented to restore any disturbances to the environment.

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1.8 The Permit Holder shall ensure access to all properties adjacent to the site for the duration of the project construction. Place warning signs strategically and create walk paths to avoid accidents with individuals in the nearby communities.

1.9 Permit Holder shall submit the approved building plan by Central Housing and Planning Authority within Three (3) months from the date signed on the Environmental permit.

2.0 WATER AND SOIL QUALITY MANAGEMENT

2.1 The Permit Holder shall strictly comply with the provisions of the **Environmental Protection (Water Quality) Regulations 2000**.

2.2 The Permit Holder shall maintain the integrity of the existing waterways at all times. Discharges into the environment shall be in accordance with the Guyana National Bureau of Standards (GNBS) Interim Guidelines for Industrial Effluent Discharge into the Environment. The following are the allowable limits for this type of project and should not be exceeded:

- i. Total Suspended Solid (TSS) < 50 mg/L;
- ii. Oil and Grease < 10 mg/L.

2.3 The Permit Holder shall conduct water quality monitoring of effluent generated by the facility annually and submit reports to the EPA. Sample points should include the final discharge point(s) from the facility and an upstream and downstream sample from the receiving body of water.

2.4 The Permit Holder shall avoid erosion, siltation, and sedimentation of existing water bodies near the project site. Do not discharge wastewater from washout and/or cleanout of concrete, paint, and other construction materials into waterways unless appropriately treated.

2.5 The Permit Holder shall ensure the perimeter drainage is free-flowing and free of debris and vegetation. Regular cleaning of the drainage network and the immediate environment must be maintained.

2.6 The Permit Holder shall construct and maintain drainage systems capable of handling the probable maximum precipitation event.

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3.0 AIR QUALITY MANAGEMENT AND NOISE ABATEMENT

3.1 The Permit Holder shall strictly comply with the **Environmental Protection (Air Quality) Regulations, 2000** and the **Environmental Protection (Noise Management) Regulations 2000**.

3.2 The Permit Holder shall monitor noise emissions in accordance 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 meters (50 ft) from the source or property boundary, whichever is closer.

During Construction

Residential Limits: 75 dB during the daytime (06:00 h - 18:00 h)

60 dB during the night-time (18:00 h - 06:00 h)

During Operation

Commercial Limits: 80 dB during the daytime (06:00 h - 18:00 h)

65 dB during the night-time (18:00 h - 06:00 h)

3.3 The Permit Holder shall locate generators away from communal areas to minimise adverse fumes/soot impacts on the contiguous areas.

3.4 The Permit Holder shall ensure the generator exhaust stacks are at least 2 meters above the tallest building.

3.5 The Permit Holder shall monitor ambient air quality in accordance with the World Health Organization's (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

3.6 The Permit Holder shall promptly record, investigate, and promptly address complaints of excessive noise, dust, and vibrations from the public upon receipt. Maintain a record of all complaints received and the action taken and submit to the EPA as a component of the **Annual Report**.

4.0 FUEL AND HAZARDOUS/ WASTE MANAGEMENT

4.1 The Permit Holder shall strictly adhere to the provisions of the **Environmental Protection (Litter Enforcement) Regulations 2013** and the

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Environmental Protection (Hazardous Waste Management) Regulations, 2000.

- 4.2 The Permit Holder shall maintain good housekeeping, sanitary and hygienic practices, and the aesthetic quality of the surroundings at all times.
- 4.3 The Permit Holder shall promote proper solid waste management and disposal practices at the site, and place covered garbage receptacles at strategic locations around the site.
- 4.4 The Permit Holder is **strictly prohibited** from dumping waste into the surrounding environment. Waste, including waste oil and/or fuel, shall not be stored within 10 meters of any waterways.
- 4.5 Hazardous waste shall be treated and/or disposed of by an EPA authorized Hazardous Waste Disposal Facility. All hazardous waste treatment and disposal shall be documented on a Waste Manifest Form which shall be submitted to the EPA as a component of the **Annual Report**.
- 4.6 The Permit Holder shall conduct refuelling, oil changes, and equipment maintenance on an impervious base.
- 4.7 The Permit Holder shall make available spill equipment for containing and mitigating spills from fuel, bitumen, waste oils, lubricants, curing compounds, concrete admixtures, paints, etc.
- 4.8 The Permit Holder shall designate an area for the storage of fuel, used oil, and other hazardous materials. Hazardous materials/ waste storage areas shall be clearly labeled and secured. The following warning signs shall be clearly posted:
- i. "Hazardous Waste Storage Area"
 - ii. Danger - "Authorised Personnel Only"
 - iii. No eating, drinking or smoking
- 4.9 The Permit Holder shall contain hazardous waste in banded storage areas. These areas shall adhere to the following requirements:
- i. Be situated in low-traffic areas;
 - ii. No interceptor drains shall be constructed; and
 - iii. Be banded to provide 110% containment of the largest volume of hazardous materials stored therein.

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- 4.10 The Permit Holder shall store hazardous waste in containers appropriate for the waste stream; that is:
- i. Sealed Plastic Containers
 - a. Water-based waste
 - ii. Sealed Metal Containers
 - a. Solvents and petroleum-based products
 - b. Oil and oily absorbents
- 4.11 The Permit Holder shall inspect hazardous waste/materials storage containers weekly for signs of leakage, deterioration, or corrosion. Damaged containers must be replaced immediately. Inspection reports must be maintained and signed by the appropriately qualified inspecting officer and his/her supervisor.
- 4.12 The Permit Holder shall provide adequate toilets, waste disposal, and sanitary facilities at the project site.
- 4.13 The Permit Holder shall 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.

5.0 EMERGENCY MANAGEMENT

- 5.1 The Permit Holder shall obtain approval from the Guyana Fire Service and provide fire protection measures such as fire extinguishers and sand buckets by this approval.
- 5.2 The Permit Holder shall ensure the Fire Safety Certificate is renewed annually and all firefighting equipment is maintained and serviced regularly. Fire Safety Certificate should be submitted to officers upon request during compliance inspection and in the Annual Report.
- 5.3 The Permit Holder shall ensure all employees are trained in the use of firefighting equipment, such as fire extinguishers, and understand the firefighting protocol.
- 5.4 The Permit Holder shall implement energy-saving measures and technologies

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to reduce energy consumption.

6.0 COMPLIANCE MONITORING AND REPORTING

6.1 The Permit Holder shall monitor the implementation of the conditions of this Environmental Permit, insofar as they involve adherence by employees and all third parties under your direction.

6.2 The Permit Holder shall report to the Agency any non-compliance(s) with this Environmental Permit.

i. 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.

ii. Within **seventy-two (72) hours** of the time the Holder of the Environmental Permit 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.

6.3 The Permit Holder shall submit an **Annual Report** to the EPA on your compliance with this Environmental Permit on or before **March 31, each year**.

6.4 The Permit Holder shall 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).

6.5 The Permit Holder shall 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.

6.6 The Permit Holder shall notify the Agency within **twenty-one (21) days** in event of death, bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.

Handwritten initials: *AA*
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6.7 The Permit Holder shall 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.

6.8 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.

7.0 INSTITUTIONAL AUTHORITY/LIABILITIES

7.1 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.**

7.2 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.**

7.3 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.**

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

7.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 7.3 and 7.4 of this Environmental Permit, pursuant to **s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.**

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, any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and to penalties prescribed under the Environmental Protection Act and Regulations.

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- 7.6 The Permit Holder shall be liable for any damage caused to the environment, biodiversity, protected species, natural habitat, any person or property as a result of the conduct of this Project whether caused by the Permit Holder, his Servants and/or Agents intentionally, negligently, recklessly, by way of misconduct or otherwise.
- 7.7 The Permit Holder agrees that it will comply with the terms and conditions of this Environmental Permit and can and will pay compensation for any loss or damage which may arise from the Project or breach of any term or condition of this Permit.
- 7.8 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**.
- 7.9 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**.
- 7.10 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**.
- 7.11 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 **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.
- 7.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.

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7.13 **This Environmental Permit is not the final consent; all relevant Permissions shall be obtained from other regulatory bodies before commencing construction activities.**

7.14 This Environmental Permit is effective for the period stipulated herein, **February 2024 to January 2029.**

7.15 This Environmental Permit shall remain valid until **January 31, 2029**, unless otherwise suspended, canceled, 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.**

7.16 This Environmental Permit (Renewed) 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 **August 31, 2028.**

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.

7.17 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.

Signed by
Agency.



on behalf of the Environmental Protection


Date

13.2.24

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I hereby accept the above Terms and Conditions upon which this Environmental Permit 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:	SREEBALA KUMAR
SIGNATURE:	
DESIGNATION:	DIRECTOR- PR
DATE:	14-FEB-2024



Handwritten initials: P.K. and MP

