



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

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.:	20231031-MOESS
Fee:	Medium (C1) – US \$500 per year
Fees Paid:	US \$1,000 for two (2) years (February 2024 - January 2026)

Addressee: Ministry of Education
26 Brickdam,
Georgetown,
Guyana.

Activity: Construction of Prospect Secondary School.

Ministry of Education, herein referred to as the "Permit Holder", is hereby authorised 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 the Prospect Secondary School at Plot 2322 Prospect, East Bank Demerara, hereinafter referred to as "the Project", in a manner indicated in the Application dated October 31, 2023, 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 applicable laws, best practices, approvals, directives guidelines, and standards relevant to this project.

The Permit Holder, his Servants, Agents, and Sub-Contractors shall comply with the following Terms and Conditions of this Environmental Permit:

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:



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- 1.11 The Permit Holder shall ensure that construction activities will not be conducted between 22:00 hrs. and 06:00 hrs. on any day unless prior EPA approval has been requested and granted. Large concrete pours that require activities in the early morning or late evening, are exempt from this condition.

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 adjacent to and within the project site at all times. Any discharges into the environment must 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:

- pH 5.0-9.0;
- Temperature < 40 °C;
- Biological Oxygen Demand (BOD) < 50 mg/L;
- Chemical Oxygen Demand (COD) < 250 mg/L;
- Total Suspended Solid (TSS) < 50 mg/L;
- Oil and Grease < 10 mg/L

- 2.3 The Permit Holder shall monitor the parameters specified above, in **Condition 2.2, annually**; sample points should include the final discharge point(s) from the project site, as well as, an upstream and downstream sample from the receiving body of water. The results should be compiled and incorporated into the project's Annual Report submission. The Agency reserves the right to request an independent analysis from an EPA-approved certified laboratory.

- 2.4 The Permit Holder shall take all practicable precautions to prevent erosion, siltation, and sedimentation of existing water bodies/drains within the vicinity of the project site during the construction and operation phases.

- 2.5 The Permit Holder shall avoid soil and water contamination from fuel, grease, waste oils, and other petroleum products that might be used at the project site during construction. Ensure that all oils, fuel, paints, and chemicals are stored in a designated area, at least 10 meters away from waterways.

- 2.6 The Permit Holder shall conduct refueling, oil changes, and maintenance of



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h)

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

Carry out all construction and operation activities in a manner to avoid, minimise and control potential noise disturbance to the surrounding environment.

3-3 The Permit Holder shall carry out all construction and operation activities in a manner to avoid, minimise, and control potential noise disturbance to the surrounding environment.

3-4 The Permit Holder shall ensure all sound-making devices, such as generators are enclosed with materials of good insulation properties (e.g., hollow concrete blocks, insulation boards, solid clay bricks, etc.); and equipped with silencers/mufflers to reduce the noise level and placed on a foundation properly designed effective damping of vibration.

3-5 The Permit Holder shall locate generators away from communal areas to minimise adverse fumes/soot impacts to the contiguous areas.

3-6 The Permit Holder shall ensure the exhaust stacks of generators are at least 2 metres above the tallest building.

3-7 The Permit Holder shall monitor ambient air quality in accordance with the World Health Organisation'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

3-8 The Permit Holder shall employ dust suppression methods, such as watering or erecting dust screens/fences to control dust emissions from material stockpiles and other dust-generating components of the project.

3-9 The Permit Holder shall place stockpiles downwind to avoid materials being transported by wind to sensitive receptors (e.g., residences, schools, etc.). Confine loading and offloading activities, as far as possible, to this location.

3-10 The Permit Holder shall minimize the potential for particles to become airborne by keeping drop heights at a minimum when loading and/or offloading materials such as sand, aggregates, etc.



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submitted **no later than forty-five (45) days after construction is completed.** The report must include the following:

- (a) the name, location, and type of project;
- (b) types and quantities (in metric units) of hazardous waste generated;
- (c) manner of storage, use, any applied treatment standards/methods, and disposal of these substances;
- (d) data concerning off-site shipments of waste, i.e. local disposal facility utilised, country to which hazardous waste is shipped, the purpose of shipment, and amount of waste shipped;
- (e) a summary of any accidents that may have occurred and any action taken; any waste minimisation efforts undertaken by the project for hazardous material/waste; and any other matter the Agency may require.
- (f) Any waste minimisation efforts undertaken by the project for hazardous material/waste; and
- (g) Any other matter the Agency may require.

The Agency considers all materials listed in Schedules I and II of the Environmental Protection (Hazardous Waste Management) Regulations, 2000, to be hazardous.

- 4.8 The Permit Holder shall ensure that in the event that waste oil (from the oil-water separator or generator servicing) is stored on-site, it must be stored in a covered, bunded area to minimise adverse impacts to the environment from any accidental spill.
- 4.9 The Permit Holder shall ensure all waste oil shall be disposed of in accordance with the Environmental Guidelines, 2011 for the 'Removal, Treatment and Disposal of Oily Sludge' or reused as a lubricant for chainsaws or other equipment/machinery.
- 4.10 The Permit Holder store all fuel during the operation phase in a designated area, away from ignition sources, and post 'No Smoking' signs at all points on the project site where fuel is handled or stored.
- 4.11 Permit Holder shall install an impervious secondary containment bund around fuel tanks; the bund shall have the capacity to contain at least 110% of the volume of the largest fuel storage tank.
- 4.12 The Permit Holder shall limit access to hazardous waste storage areas to only employees who are authorised and have received the proper training to execute emergency response protocols in the event of a spill.



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- 5.1 The Permit Holder shall monitor the working environment at all times for occupational hazards relevant to the specific construction and operation activities of the Guyana Technical Training College.
- 5.2 The Permit Holder shall equip all employees with and train them in the use of personal protective equipment (PPE) relevant to their job specification, such as hi-visibility vests, respirators, hard hats, gloves, and appropriate footwear. Create and maintain a log of Personal Protective Equipment distributed to employees and provide a distribution log to officers of the Agency upon request during compliance inspections.
- 5.3 The Permit Holder shall ensure a first aid kit be equipped according to the Guyana Red Cross standards and must be located on-site at times. Additionally, communication and transportation systems must be in place to respond to emergencies.
- 5.4 The Permit Holder shall ensure all employees are trained in the use of firefighting equipment, such as fire extinguishers, and understand the firefighting protocol.
- 6.0 **COMPLIANCE MONITORING AND REPORTING**
- 6.1 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.
- 6.2 Any Approval granted in accordance with this Permit shall be subject to such terms and conditions as may be required by the Agency, and shall be considered as forming part of the present Permit so that any breach or contravention thereof, shall be considered a breach or contravention of the Permit.
- 6.3 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.
- 6.4 The Permit Holder shall report to the Agency any **non-compliance(s)** with this **Environmental Permit**:
 - 6.4.1 Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit becomes aware of the non-compliance and the



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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.

- 7.4 The EPA shall have the right to cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 7.5 The Permit Holder shall be strictly liable for any loss or damage to the environment through any act done intentionally or recklessly.
- 7.6 The Permit Holder, his Servants and/or Agents shall be liable for any material or serious environmental harm caused by their pollution of the environment in accordance with section 39 (2) and (4) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.7 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.
- 7.8 The Permit Holder shall be liable of any damage caused to the environment, biodiversity, protected species and natural habitat through negligence or willful misconduct.
- 7.9 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.
- 7.10 Should the Permit Holder contravene or is 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.
- 7.11 Where it appears to the Agency that the Permit Holder is engaged in any activity that may pose serious threat to natural resources or serious pollution of the



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DESIGNATION:	Protect coordinator
DATE:	20/02/2024

