



**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.:	20250110-WBBEB
Fee:	Medium (C2) – US \$800 per year
Fees Paid:	US\$3,200 for four (4) years (July 2025 – June 2029)

Addressee: SER 5 Inc.
Lot Ser 5, Plantation Rome,
East Bank Demerara
Guyana.

Activity: Construction of two warehouses for the storage of heavy-duty machinery & parts and an office building.

SER 5 Inc, 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 two ware houses and an office building at Lot 5, Plantation Rome, East Coast Demerara, Guyana, hereinafter referred to as "the Project", in a manner indicated in the application dated January 10, 2025 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, 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:

- a) change the construction, operation, structure, or layout of the facility and all associated buildings;

- b) change equipment, machine, apparatus, mechanism, system, or technology serving the facility;
 - c) change the position and design of any outlet at the point or points of discharge of effluents;
 - d) or effect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
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- 1.2 The Permit Holder shall comply with the requirements of **the Occupational Safety and Health Act, Cap. 99:01, 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 ensure that employees are equipped with appropriate protective gear at all times during construction activities. These include protective headgear, respirators, safety vests, safety boots, etc.
 - 1.5 The Permit Holder shall remove all construction tools, equipment, machinery, and waste materials from the site upon the completion of construction works.
 - 1.6 The Permit Holder shall ensure all employees and third parties under their direction are made aware of the conditions of the Environmental Authorisation and provide training on good environmental practices.
 - 1.7 The Permit Holder shall obtain approval from the Guyana Fire Service in which fire protection measures shall be provided in accordance with this approval.
 - 1.8 The Permit Holder shall ensure all employees understand firefighting protocols and are trained in the use of firefighting equipment, such as fire extinguishers.
 - 1.9 The Permit Holder shall adhere to all plans and specifications of location, pathways, reserve, and boundary lines unless otherwise authorised; evidence of which must be provided to the Agency.
 - 1.10 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 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
- 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 vehicles, machinery, and other equipment on an impervious base. Spills should be cleaned up immediately, utilising the best practicable means.
- 2.7 The Permit Holder shall adequately store and/or cover temporary stockpiles of construction materials and excavated waste in a secured designated area to prevent release into the surrounding environment, especially in rainy conditions. As stated above, the designated area should not be placed within 10 meters of any water body.
- 2.8 The Permit Holder shall ensure that the disposal of excavated materials into surrounding drains is strictly prohibited.
- 2.9 The Permit Holder shall ensure that there will be no discharging or dumping of solid waste and/or trade effluent directly into receiving waters without prior treatment.

Install and maintain a grease trap/ an oil-water separator(s) at the final discharge point of the onsite sewage facility through which all effluent must pass before final discharge.

- 2.10 The Permit Holder shall prevent excessive or inappropriate use of cleaning chemicals. The use of biodegradable/water-based cleaning products is encouraged.
- 2.11 The Permit Holder shall construct and maintain drainage systems capable of handling the probable maximum precipitation storm event.

3.0 NOISE AND AIR QUALITY MANAGEMENT

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

During Construction

- **Construction Limits: 90 dB** during the daytime (06:00 h - 18:00 h)

Carry out all construction 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 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 on 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 (WHO) Air Quality Guidelines for Particulate Matter in the Environment, not exceeding the limits below:

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PM2.5: 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.
- 3.11 The Permit Holder shall keep the engine idling during on-loading and off-loading activities to a minimum during construction.
- 3.12 The Permit Holder shall record, promptly investigate, and address complaints of excessive noise, dust, and vibrations from the public.

4.0 FUEL AND HAZARDOUS/ WASTE MANAGEMENT

- 4.1 The Permit Holder shall comply with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, and the **Environmental Protection (Hazardous Waste Management) Regulations, 2000**.
- 4.2 The Permit Holder shall adhere to **Regulation 6(1) of the Environmental Protection (Expanded Polystyrene Ban) Regulations 2015**, which states that *"no food service establishment shall sell or provide food for consumption, either on or off the said establishment's premises, in expanded polystyrene food service products."*
- 4.3 The Permit Holder shall maintain good housekeeping, sanitary and hygienic practices, and the aesthetic quality of the surroundings at all times.
- 4.4 The Permit Holder shall promote proper solid waste management and disposal practices at the project site. In particular, dispose of or contract an authorised waste disposal service to dispose of waste at the nearest designated waste management site. Place covered garbage receptacles at strategic locations around the project site.
- 4.5 The Permit Holder shall reuse waste materials where practical during and after construction activities, where practicable. Dumping of waste (construction or

otherwise) into the surrounding environment is strictly **prohibited**.

- 4.6 The Permit Holder shall construct and maintain a septic system on site; the septic tank should 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 must 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.
- 4.7 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.
- 4.8 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.
- 4.9 The Permit Holder shall store all fuel during the Construction 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.
- 4.10 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.
- 4.11 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.
- 4.12 The Permit Holder shall ensure that absorbent materials for the containment of fuel, oil, and other hazardous substances are appropriately stored in a concrete-based structure and not exposed to moisture. Used materials must be double-wrapped in heavy-duty garbage bags and disposed of at an authorised waste disposal site or EPA-approved incineration facility.
- 4.13 The Permit Holder shall treat and contain all spills with absorbent materials, whether or not minor in nature.

5.0 EMERGENCY MANAGEMENT

- 5.1 The Permit Holder shall monitor the working environment at all times for occupational hazards relevant to the specific construction and Facility activities.

- 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 that a first aid kit is equipped according to the Guyana Red Cross standards and must be located on-site at all 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 anticipated manner in which it may endanger human health or the environment.
 - 6.4.2 Within **seventy-two (72) hours**, submit to the Agency a written report containing:
 - a. a description of the non-compliance;
 - b. its cause;

- c. the period of non-compliance, including exact dates and times, or the predicted time it is expected to continue if not yet addressed; and
- d. the corrective measures taken or planned taken to correct the non-compliance.

- 6.5 The Permit Holder shall notify the EPA within **twenty-four (24) hours** of the occurrence of any environmental emergencies, such as a sudden onset of disaster, accident, natural, technological, or human-induced factors that cause or threaten to cause severe environmental damage, as well as harm to human health or livelihood.
- 6.6 The Permit Holder shall inform the Agency prior to or within **thirty (30) days** of any change of name or ownership of the project.
- 6.7 The Permit Holder shall 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.

7.0 INSTITUTIONAL AUTHORITY/LIABILITIES

- 7.1 The Permit Holder shall not commence any construction on the site until all other necessary approvals from relevant Sector Agencies are obtained and submitted to the EPA.
- 7.2 The EPA reserves the right to conduct regular inspections of the Permit Holder's construction activities as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap 20:05, and the Environmental Protection (Authorisations) Regulations, 2000.
- 7.3 The Permit Holder, His Servants, and/or Agents shall at all times allow entry to the permitted project/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.
- 7.4 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

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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 for 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 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.
- 7.12 This Environmental Permit is not the final consent; all relevant Permissions should be obtained from other regulatory bodies before commencing construction activities.
- 7.13 This Environmental Permit is effective for the period stipulated herein, **July 2025 to June 2029.**
- 7.14 This Environmental Permit shall remain valid until **June 30, 2029**, unless otherwise suspended, canceled, modified, or varied, in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana and the Environmental Protection (Authorisations) Regulations, 2000.
- 7.15 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,

Environmental Permit - Ref. No.: 20250110-WBBEB

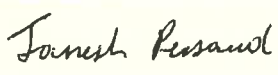
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Laws of Guyana, its Regulations, and other applicable laws of Guyana.

Signed by  on behalf of the Environmental Protection Agency.
Kemraj Parsram
Executive Director

Date 2025-07-23

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 existing or forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME:	Janesh Persand
SIGNATURE:	
DESIGNATION:	Operations Manager
DATE:	20/08/2025





Environmental Protection Agency

Head Office - Ganges Street, Sophia, Georgetown, Guyana.
Tel (592) 225-6048/44 225-5471/67 Fax (592) 2025481
Branch Office - Berbice (Whim, Covenstone) - Tel (592) 337-2201/2207
Linden (LEN Building, Mackenzie) - Tel (592) 444-2313

Received From: SER. 5 INC.

FINANCE DIVISION

The Sum of: Six hundred seventy three thousand four hundred
Twenty dollars

\$ 673,440 -

For: Low environmental (C2) construction of two warehouses for the storage
of heavy-duty machinery & parts and an
office building. (July 2005 - June 2007)

PAID	Cash <input type="checkbox"/>	Cheques <input type="checkbox"/>	Wire Transfer <input checked="" type="checkbox"/>	Balance due	Amt. \$
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Signature: A. Brindley

Exc rate \$210.45

File Copy

Date: 05 AUG 2005

No. 31856

