



**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.:	20201019-WCDTA
Fee:	Medium (C1) i.e. US\$500 per year
Fee Paid:	US\$2,500 for five (5) years (November, 2021 – October, 2026)
Addressee:	Mr. Zaheer Ahamad Osman Proprietor Advanced Environmental Solutions Lot 29 Penitentiary Walk New Amsterdam Berbice. <div data-bbox="1039 693 1477 871"><p>ENVIRONMENTAL PROTECTION AGENCY Database Updated <i>A. Griffiths 15-Feb-22</i></p></div>
Activity:	Collection and Transportation of Non-hazardous Solid Waste

Advanced Environmental Solutions, 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 collect and transport non-hazardous solid waste in Regions 5 and 6, hereinafter referred to as the “Project”, in a manner indicated in the Application for Environmental Authorisation submitted on October 19, 2020, and subject to the terms and conditions set forth herein under the Environmental Protection Act, existing and/or forthcoming regulations, guidelines, best practices and standards relevant to this project.

Terms and Conditions for Operation to be adhered to by Permit Holder, His Servants, Agents and/or Sub-Contractor(s):

1.0 Operation and Maintenance

Adhere to the requirements of **the Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana.**

- 1.1 Make an application to the Agency to vary this 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

- iii. serving the facility;
 - iii. change the position and design of any outlet at the point or points of discharge of effluents; or
 - iv. effect any other change outlined in Regulation 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Standard Operating Procedures (SOPs) for safe collection and transportation of non-hazardous solid wastes shall be established and maintained. Copies of these SOPs shall be submitted to the EPA by **December 31, 2021**.
- 1.3 All employees shall be trained on these SOPs outlined in **condition 1.2**. An Annual training schedule shall be submitted to the Agency as a component of the **Annual Report**.
- 1.4 Training in non-hazardous waste handling and disposal/ management practices shall be conducted on an annual basis. The training schedule shall be submitted to the EPA as a component of the **Annual Report**.
- 1.5 Approval to park Waste Collection Vehicles at the Skeldon Town Council shall be obtained and provided to the EPA by **December 31, 2021**.

Collection of Non-Hazardous Solid Wastes

- 1.6 Non-hazardous solid wastes collected shall be disposed of at a site identified and approved by the Local Government Authority.
- 1.7 Emergency spill cleanup kits shall be maintained on the Waste Collection Vehicles for response to potential spills. Kits should contain absorbent materials, drain seals and other appropriate tools for clean-up.
- 1.8 Waste Collection Vehicles shall be parked on an impervious base to prevent leaks and spills of leachate on the soil.
- 1.9 The Waste Collection Vehicles shall be equipped with the following:
- (i) A metal tailgate to cover the hopper and compactor which shall be powered by a hydraulic or electric system; and
 - (ii) A sump or drip pan made of anti-corrosive materials to collect leachate discharged from the compactor and hopper.
- 1.10 Waste Collection Vehicles shall be inspected for signs of leakage or corrosion and damaged parts **must be** repaired/replaced **immediately**. Inspection reports must be maintained and signed by the appropriately qualified inspecting officer and his/her supervisor.

- 1.11 Waste Collection Vehicles Inspection reports shall be summarised and submitted to the EPA as part of the **Annual Report**.
- 1.12 Highly visible and legible labels shall be affixed to the Waste Collection Vehicles and shall include the following information:
 - i. Identity and contact information of the Project; and
 - ii. The words "Solid Waste Disposal Service".
- 1.13 Make all employees, and third parties under your direction, aware of the conditions of this Environmental Authorization and provide training on good environmental practices. Submit details of training to the Agency as part submission of the required **Annual Report**.

Decontamination of Waste Collection Vehicles

- 1.14 A Plan of the treatment processes applied to the wastewater before final discharge shall be submitted to the EPA by **November 31, 2021**.
- 1.15 A wash area for Waste Collection Vehicles shall be constructed by **January 31, 2022** which shall be in accordance with the following requirements:
 - (i) Be located on well-constructed and maintained impervious surfaces (i.e., concrete or plastic) with drains piped via a treatment system including an interceptor to intercept oil and debris into a sanitary sewer or other disposal devices.
 - (ii) Be extended for at least four feet on all sides of the Waste Collection Vehicle to trap all overspray. Not be located near uncovered vehicle repair areas or chemical storage facilities.

2.0 WATER QUALITY

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

- 2.1 Spillage occurring during collection of waste shall be **immediately** clean-up and treated with chlorine prior to disposal.
- 2.2 Truck maintenance activities shall **NOT** be conducted at the waste disposal site to avoid soil and water contamination from fuel, grease, waste oils and other petroleum products.
- 2.3 Effluent generated from the decontamination of the Waste Collection Vehicle shall not be discharged directly into the environmental prior to treatment.



3.0 AIR QUALITY AND NOISE MANAGEMENT

Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations 2000 and the Environmental Protection (Noise Management) Regulations 2000.**

- 3.1 Waste Collection Vehicles shall be parked on foundations designed to ensure effective damping of vibrations.
- 3.2 Waste Collection Vehicles capable of causing, or preventing, emissions shall be maintained in accordance with the manufacturer's specification. Maintenance schedule for truck shall be submitted the Agency as part of the **Annual Report**.
- 3.3 The Best Environmental Practices or measures; e.g. mufflers, enclosures or other appropriate devices, shall be utilized to mitigate adverse noise impacts from Waste Collection Vehicles on the environment.
- 3.4 Idling of transport vehicles shall be limited, as far as practical and vehicles switched off when not in use.

4.0 COMPLIANCE MONITORING AND REPORTING

- 4.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g. oil spills, hazardous materials/wastes, chemicals 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).
- 4.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 4.3 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.
- 4.4 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.
- 4.5 Maintain and submit to the Agency records of the type, composition and quantity of contaminant released (i.e. any solid, liquid, gas, odor, sound, vibration, radiation, heat or combination of any of them).
- 4.6 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 each year**.

- 4.7 Report to the Agency any non-compliance(s) with the Environmental Permit as follows:
- i. Within **twenty-four (24) hours** of the time the Holder of the Environmental Authorisation for operation becomes aware of the non-compliance outlining the anticipated manner in which human health or the environment may be impacted.
 - ii. 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 to be taken to correct the non-compliances.
- 4.8 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.
- 4.9 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 EPA reserves the right to conduct regular inspections of the Project's activities as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap 20:05 and the Environmental Protection (Authorisations) Regulations, 2000.
- 7.2 The Permit Holder, His Servants and/or Agents shall at all times allow access 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.
- 7.3 The EPA shall have the right to cancel or suspend this Permit for breach of any of the terms and conditions contained herein.



7.4 The Permit Holder shall be liable for:

- (i) causing any material or serious harm by polluting the environment, with or without intent or recklessness and knowledge that the harm will or may result;
- (ii) any resulting adverse effect of potentially polluting activities, where all reasonable and practicable measures were not taken to prevent or minimise the said effect; and
- (iii) the discharge or release of or for causing or permitting the entry of any contaminant in any amount, concentration or level in excess of those stipulated by this Environmental Permit.

Insofar as the above-stated can be attributed to the Project's activities. This condition is pursuant to Section 39 and Section 19 (1) and (2) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

- 7.5 The Permit Holder shall compensate any Party who suffers any loss or damage as a result of the attributed Project's activities. (See: s. 19 (3)(e) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana)
- 7.6 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, 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.
- 7.7 The Permit Holder shall be liable for any gross negligence or willful misconduct by the Permit Holder, his Servants and/or Agents which results in damage to the environment due to any release, discharge or spillage of contaminant leachate, fluids, oil or lubricants.
- 7.8 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.
- 7.9 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.
- 7.1 This Environmental Permit is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.

- 7.2 The Environmental Permit is effective for the period stipulated herein **November, 2021 to October, 2026.**
- 7.3 This Environmental Permit shall remain valid until **October 31, 2026**, unless otherwise suspended, cancelled, modified or varied in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 7.4 This Permit must be renewed by submitting a completed *Application Form for Environmental Authorization* to the Agency at least six months before this Permit expires, that is, no later than **April 30, 2026.**
- 7.5 Any late submission of renewal application(s) after the specified date as stated above, may require the Permit Holder to pay, in addition to the renewal fee, a late penalty fee (accruing at the time such obligation was first owed for renewal) at a rate of **two thousand dollars (GY\$2,000.00) 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.
- 7.6 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  on behalf of the Environmental Protection Agency.

Kemraj Parsram
Executive Director

Date

2021.11.19

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, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, and any existing or forthcoming regulations, guidelines, best practices and standards made under this Act.

NAME	Zaher Osman
DATE	Jan. 21, 2022
SIGNATURE	
DESIGNATION	CEO

