



**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 (Varied)

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.:	20220519_SHRED
Fee:	Small (C1) i.e., US\$ 100 per year
Fee Paid:	US \$ 500 for Five (5) years (July 2022 to June 2027)
Addressee:	Cevon's Waste Management 572, Toucan Drive, South Ruimveldt Garden Guyana.
Activity:	Storage & Shredding of Plastics & IBC Totes
Varied Activity	Transportation and Storage of Ferrous & Non-Ferrous Wastes and Waste Electrical and Electronic Equipment (E-waste).



Cevon's Waste Management., 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 Environmental Protection (Authorisations) Regulations, 2000, to Store & Shred Plastics; Transport and Store Ferrous & Non-Ferrous Wastes and Waste Electrical and Electronic Equipment (E-waste) at Lot Tract "A" Plantation, Peters Hall, East Bank Demerara, hereinafter referred to as the "Project", in the manner indicated in the Application for Environmental Authorisation submitted on May 19, 2022, and Variance of Environmental Authorisation submitted on August 30, 2022, respectively, and 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 other applicable laws, guidelines, best practices, and standards relevant to this project.

This is a Variance of the Environmental Permit Reference No. 20220519_SHRED, issued on July 28, 2022, and will expire on June 30, 2027.

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

1.0 OPERATION

- 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 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 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2. Emergency spill kits shall be maintained at the Project site for response to unplanned incidents and or spills. Kits shall contain absorbent materials, drain seals, and other appropriate tools for clean-up, and shall be readily available and clearly identified at the Project.
- 1.3. Fire prevention and control equipment shall be maintained in accordance with this **Guyana Fire Service Approval**.
- 1.4. Conduct all operations in accordance with the **Old Metal Dealers (Amendment) Act 2007**.
- 1.5. Obtain and maintain the **Ministry of Tourism, Industry, and Commerce Scrap Metal** Unit Certificate and submit a copy of the approval for the EPA's records.
- 1.6. Adhere to the requirements of **the Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana**.

2.0 STORAGE, SHREDDING & TRANSPORT OF PLASTICS & IBC TOTES

- 2.1. Plastic materials and IBC totes contaminated with hazardous chemicals shall not be accepted by the Project for shredding.
- 2.2. IBC totes in storage shall not be stacked more than **three (3)** totes high.
- 2.3. The Project shall maintain records of the number of plastics materials and IBC totes received, shredded and removed. The records shall be maintained and made available to the EPA upon request.
- 2.4. The Shredder shall at all times be operated in accordance with the manufacturer's



specification.

- 2.5. Standard Operating Procedures (SOPs) for safe use of the Shredder shall be established and maintained on-site and made available to the EPA upon request.
- 2.6. The shredder shall at all times be mounted on an impervious base within an enclosed facility.
- 2.7. All shredding activities shall be conducted within the confines of the enclosed facility.
- 2.8. Shredded materials shall be stored in secured polyethylene bags so as to prevent the release of the material into the surrounding environment.
- 2.9. Shredded materials stored in bags shall be properly loaded, enclosed, and secured in the designated containers before exportation.
- 2.10. All exportation of Plastic wastes shall be conducted in accordance with the prior informed consent procedure of the Basel Convention for Transboundary Movement of Hazardous Waste and their disposal.

3.0 TRANSPORTATION OF FERROUS AND NON-FERROUS WASTES and ELECTRICAL & ELECTRONIC EQUIPMENT(E-WASTE)

- 3.1 Ferrous and non-ferrous scrap wastes shall be transported in a fully enclosed vehicle, or on 'open top' vehicle.
- 3.2 Ferrous and non-ferrous scrap wastes shall be packed and strapped at least one metre below the height of the vehicle.
- 3.3 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 submitted to the EPA upon request.
- 3.4 Highly visible and legible labels shall be affixed to the Waste Collection Vehicles transporting ferrous and non-ferrous scrap waste, Electrical & Electronic Equipment (E-Waste) and charcoal. Signage shall include the following information:
 - i. Identity and contact information of the Project;
 - ii. The words **“Transportation of Ferrous and Non-Ferrous Scrap Waste and Electrical & Electronic Equipment (E-Waste)”**.

- 3.5 All ferrous, non-ferrous scrap wastes & electrical & electronic equipment (E-Waste) collected and transported shall be documented on a Waste Manifest Form which must be submitted to the EPA upon request.

4.0 MANAGEMENT OF WASTE ELECTRICAL & ELECTRONIC EQUIPMENT (E-WASTE).

- 4.1 Waste Electrical & Electronic Equipment (E-Waste) shall be managed with care in order to avoid the release of hazardous substances into the air, water, or soil, as a result of damage and/or leakage.
- 4.2 Dismantling and sorting of waste electrical & electronic Equipment (E-Waste) shall be conducted on impervious surfaces.
- 4.3 Management and storage of Waste Electrical & Electronic Equipment (E-Waste) components containing hazardous materials shall be conducted in a secure and designated ventilated area. This area shall include the following:
- i. Signage- **"E-Waste Storage Area"**
 - ii. Not exposed to direct sunlight and rainfall
 - iii. No damage components to release gases, liquids, or solid particles to the environment.
- 4.4 Waste Electrical & Electronic Equipment (E-Waste) shall not be mixed with non-hazardous waste.
- 4.5 Containers used for the storage of Waste Electrical & Electronic Equipment (E-Waste) containing hazardous substances shall be cleaned and decontaminated prior to re-use, recycling, or disposal.
- 4.6 The disposal of Waste Electrical & Electronic Equipment (E-Waste) **is strictly prohibited.**
- 4.7 An inventory of Waste Electrical & Electronic Equipment (E-Waste) shall be established and maintained. The reports shall be made available to the EPA upon request.



5.0 MANAGEMENT OF FERROUS AND NON-FERROUS SCRAP WASTES

- 5.1 Scrap metal wastes shall be stored under covered areas on the impervious surface that is protected from the ingress of storm or rainwater. The storage area shall be clearly demarcated and shall not be accessible to unauthorized persons.
- 5.2 Storage of ferrous scrap wastes at the Project shall be orderly with adequate distance between stockpiles.
- 5.3 The base of the storage area for non-ferrous scrap waste shall be impervious. The storage area shall be clearly demarcated and shall not be accessible to unauthorised persons.
- 5.4 An inventory of ferrous and non-ferrous scrap wastes shall be established and maintained. The reports shall be made available to the EPA upon request.
- 5.5 Smelting of scrap metal shall be conducted within a controlled environment designed to control indoor and outdoor hazardous air emissions.

6.0 MANAGEMENT OF USED LEAD-ACID BATTERIES

- 6.1 Used Lead Acid Battery (ULAB) shall be accepted **DRAINED**. Signage to this effect shall be clearly visible at the Project's entrance.
- 6.2 All residual acids in the ULABs shall be neutralized (i.e. mixing the residual acid with a base chemical such as Sodium Carbonate to attain a pH of 7).
- 6.3 Neutralizing base chemicals shall be stored in accordance with the manufacturer's directions or Safety Data Sheet (SDS) instructions.
- 6.4 Secondary containment (bund area) shall be established and maintained around storage areas of all liquid chemicals.
- 6.5 The secondary containment shall have the capacity to store 110% of the volume of the largest storage container and must be constructed of impermeable material such as concrete.
- 6.6 Used lead-acid batteries shall be stored upright on pallets which shall be inspected for signs of leakage or corrosion. Damaged pallets shall be replaced.
- 6.7 Acid spill occurring during handling or unloading operations shall be immediately



cleaned, as guided by the respective Safety Data Sheet, and appropriately disposed to prevent discharges into surface or groundwater.

7.0 NOISE MANAGEMENT

- 7.1. Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000.**
- 7.2. Noise emissions shall be monitored at the Project's boundary to determine compliance with Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emissions into the Environment, not exceeding the industrial limits listed below:

Industrial Limits: 100 dB during the daytime (06:00 h - 18:00 h)
80 dB during the night-time (18:00 h - 06:00 h)

A noise quality monitoring plan shall be submitted to the EPA for approval. Once the noise quality monitoring plan is approved, the noise monitoring results shall be submitted to the Agency upon request.

- 7.3 All machines/equipment shall be serviced in accordance with the manufacturer's specification to ensure efficiency and reduce the level of noise produced. A summarised maintenance report shall be maintained on-site and made available to the EPA upon request.
- 7.4 All equipment and machinery shall be placed upon foundations properly designed to ensure effective damping of vibrations.
- 7.5 All significant noise-producing equipment, such as generators, shall be equipped with appropriate silencers or mufflers and/or are enclosed in suitable acoustic enclosures where necessary, to reduce noise levels impacting the surrounding environment to achieve compliance with Guyana National Bureau of Standards (GNBS) requirement.

8.0 WASTE MANAGEMENT

- 8.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulations 2013**, promote good sanitation and solid waste disposal practices on site. Place covered garbage receptacles, each on an impervious base and at a strategic location, within and outside the storage facility.
- 8.2 Burning of waste is **strictly prohibited.**
- 8.3 Good housekeeping, sanitary, and hygienic practices shall be maintained at all times.

The facility's drains and surroundings shall be kept free of vegetation and litter.

- 8.4 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning waste handling and disposal areas (e.g., sweeping, use of absorbents).
- 8.5 Acid-contaminated waste shall be disposed of by an EPA-authorised Hazardous Waste Disposal Facility where applicable.

9.0 COMPLIANCE MONITORING AND REPORTING

- 9.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, hazardous materials/wastes spills, 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).
- 9.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 9.3 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.
- 9.4 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.
- 9.5 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).
- 9.6 Submit **Annual Reports** to the EPA on your compliance with this Environmental Permit on or before **March 31, each year**.
- 9.7 Report to the Agency any non-compliance(s) with the Environmental Permit:
- i. Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit 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** 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.

9.8 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.

9.9 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.

10.0 INSTITUTIONAL AUTHORITY/ LIABILITIES

10.1 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.

10.2 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.

10.3 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.

10.4 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.

10.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 11.4 and 11.5 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

10.6 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.

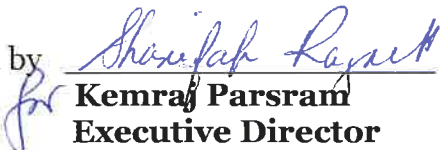
- 10.7 The Permit Holder shall be liable of any gross negligence or willful misconduct caused by the Permit Holder, his Servants and/or Agents, to the environment, biodiversity, protected species and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 10.8 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.
- 10.9 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.
- 10.10 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, and the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 10.11 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.
- 10.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 10.13 This Environmental Permit (Varied) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 10.14 This Environmental Permit (Varied) is effective for the period stipulated herein; **July 2022 to June 2027.**
- 10.15 This Environmental Permit (varied) shall remain valid until **June 30, 2027**, unless otherwise suspended, cancelled, modified or varied, in accordance with the

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provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

- 10.16 This Permit must be renewed by submitting a completed Renewal Application Form for Environmental Authorisation to the Agency at least six months before this Permit expires, that is, no later than **January 31, 2027**.
- 10.17 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 fee, 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.
- 10.18 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 2022-10-26

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Issued under the Environmental Protection Act, Cap. 20:05, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

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:	MORSE ARCHER
DATE:	26. 10. 2022
SIGNATURE:	
DESIGNATION:	CEO



