



**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.:	20240430-WOSPB
Fee:	Medium (C2)- US\$800 per year
Total Fee:	US\$ 4000 for Five (5) years (April 2025- March 2030)
Addressee:	Kaleshwar S. Puran General Manager Puran Brothers Disposal Inc. Plantation Peter's Hall, East Bank Demerara.
Activity:	Collection, Transportation, and Storage of Waste Oil, IBC Shredding, Manufacturing of Pre-stressed Piles, Laydown Yard, Operation of a Mechanic Workshop, with Supporting Fuel Storage Facility.

Puran Brothers Disposal Inc., 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, for the Collection, Transportation, and Storage of Waste Oil, IBC Shredding, Manufacturing of Pre-stressed Piles, Operation of a Mechanic Workshop, with Supporting Fuel Storage Facility at Plantation, Peters Hall, East Bank Demerara, hereinafter referred to as the “Project”, in the manner indicated in the initial application submitted on April 30, 2024 subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, any existing or forthcoming Regulations made under the said Act, and any existing or forthcoming written law, guidelines, best practices, standards, codes of practice, and other statutory or regulatory instruments relevant to this project.

The Permit Holder, His Servants, Agents and/or Sub-Contractors shall comply with the following Terms and Conditions:

1.0 General Operation

- 1.1** An application shall be made to the Agency to vary this Permit in instances where it becomes necessary to:
- Change the construction, operation, structure, or layout of the Project and all**

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- associated buildings;
 - ii. change equipment, machine, apparatus, mechanism, system or technology serving the Project;
 - 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 Environmental Sound Management (ESM) collection and transportation of waste oil shall be established and maintained. Copies of these SOPs shall be made available for inspection by the EPA upon request.
- 1.3 Employees involved in the collection and transportation of waste oil shall be trained in **Hazardous Waste Communication and Emergency Preparedness Response**. Training reports shall be maintained and made available for inspection by the EPA upon request.
- 1.4 The Permit Holder is required to submit to the EPA upon receipt, the requisite approvals from the Central Housing and Planning Authority (CH&PA) and the relevant Municipality or any other authority with jurisdiction and oversight over the Project
- 1.5 Emergency spill clean-up kits shall be maintained and made readily available at the Project location. Kits should include absorbent materials, drain seals, and other appropriate tools for clean-up.
- 1.6 All employees and third parties under the Project's direction shall be made aware of the conditions of the Environmental Authorisation.
- 1.7 The Permit Holder shall provide training on good environmental practices. Records of training conducted must be made available to the EPA upon request. Records of training conducted must be made available to the EPA upon request.
- 1.8 The Permit Holder is required to submit to the EPA upon receipt, the requisite approvals from the Central Housing and Planning Authority (CH&PA) or any other authority with jurisdiction and oversight over the Project.
- 1.9 Obtain and maintain Guyana Fire Service Approval and submit a copy of the approval for the EPA's records.
- 1.9.1 Fire prevention and control equipment shall be serviced and maintained in accordance with the Guyana Fire Service Approval.
- 1.10 Adhere to the requirements of the **Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana.**

2.0 CONSTRUCTION

- 2.1 Land clearing and disturbance shall be limited to areas where immediate work is taking place.
- 2.2 Construction works shall **not be executed 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.
- 2.3 Areas for construction material stockpiles and equipment shall be identified. Stockpile areas shall be downwind to avoid materials being dispersed by wind to sensitive areas. Loading and offloading activities shall, as far as possible, also be confined to this location.
- 2.4 Temporary stockpiles shall not exceed **twenty-four (24) hours** before being removed or transferred to the designated stockpiling areas established by **Condition 2.3**.
- 2.5 Temporary stockpiles of construction materials, including excavated waste shall be stored in a secured, designated area, and protected from wind and water erosion.
- 2.6 Stockpiles shall not exceed the height of the parameter fence.
- 2.7 Stockpiles, including dusty materials transported to, from, and within the site shall be enclosed or covered to reduce airborne emissions. Where this is not practical owing to frequent usage, employ wet suppression methods such as watering or erecting dust screens/fences to control emissions.
- 2.8 Install a silt fence **at least 3 meters** from the boundary of any canal, drain, or river to prevent any possible contamination from construction material. The height of the silt fence shall be **no less than 3 meters**; the distance between fence posts shall **not exceed 1.2 meters (4 ft.)**, and fence posts shall be installed at a depth of **at least 0.6 meters (24 inches)**.
- 2.9 Where feasible, pre-mixed, 'ready-mixed' concrete shall be used to reduce dust emissions caused by on-site preparation.
- 2.10 Measures shall be implemented for the removal of any contamination and or siltation of drains during construction.
- 2.11 All construction equipment and machinery shall be maintained in accordance with the manufacturer's specifications to avoid mechanical failures and abnormal noise pollution. Logs and records signed by the appropriate inspecting personnel shall be maintained and made available for inspection by the EPA upon request.
- 2.12 All cutting of wood and mixing of cement shall be done at least 15m from the perimeter drains to minimize pollution.

3.0 MANUFACTURING OF PRE-CAST CONCRETE PRODUCTS (Prestressed Concrete pile)

- 3.1 A schedule for effective maintenance of the pre-stressed molds shall be maintained and made available to the EPA upon inspection.
- 3.2 The trucks, generators, and other associated equipment shall at all times be mounted or parked on impervious bases to prevent fuel spills and leaks from entering the soil.
- 3.3 All wastewater (concrete washout) shall be directed to the **sedimentation pond** for collection and treatment.
- 2.3.1 Dried sediments shall be collected and reused in the batching process if applicable; and
- 2.3.2 Discharge of sediments into waterways is strictly prohibited; where applicable, this can be used as landfills.

4.0 COLLECTION & TRANSPORTATION OF WASTE OIL

- 4.1 The collection and transportation of waste oil to and from the Project shall be in accordance with the Transportation Plan submitted to the EPA.
- 4.2 Employees involved in the transportation of waste shall be trained on the Transportation Plan outlined in **condition 3.1**. The training reports shall be made available to the EPA upon request.
- 4.3 A highly visible and legible label shall be affixed to the vehicle transporting the waste and shall include the following information:
- Danger**
Transportation of Waste Oil
- “No Smoking” signs shall be posted on the vehicle.
- 4.4 A trained operator or carrier shall supervise, monitor and control the collection and transportation of waste oil.
- 4.5 Trucks dedicated to the transportation of waste oil **shall not** be used for any other purpose.
- 4.6 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.
- 4.7 A register of all waste oil collection trucks shall be maintained by the facility and

submitted to the Agency upon request. This register shall include the GPS coordinates (Primary Parking Area), type of vehicle, registration number, unladen weight and the capacity of the vehicle. **This shall be submitted to the Agency one (1) month after the issuance of the permit.**

- 4.8 Emergency spill cleanup kits shall be maintained on each vehicle for response to potential spills. Kits shall contain absorbent materials, drain seals, and other appropriate tools for clean-up.
- 4.9 A register of the quantities of waste oil collected and transported shall be established and maintained. A summary of the registered information must be made available to the EPA upon request.
- 4.10 Each transport of waste oil shall generate a manifest. The manifest shall contain the following:
 - a) The name and address of the waste generator.
 - b) The quantity of waste oil being transported

The transporter must sign and date the manifest upon receiving the waste oil from the generator. Upon completion of transporting hazardous waste to its final destination, the waste oil transporter shall provide a copy of the manifest to the waste generator.

- 4.11 An incident spill report shall document **EVERY** occurrence of spills during the collection and/or transportation of hazardous waste. A copy of the spill report shall be submitted to the Agency **within twenty-four (24) hours of the incident.**

5.0 STORAGE OF WASTE OIL

- 5.1 A register of the quantity of waste oil stored onsite shall be established and maintained. Records shall be made available for inspection by the EPA upon request.
- 5.2 Waste oil shall at all times be stored above ground and away from ignition sources. **'No Smoking'** signs shall be posted where the waste oil is handled or stored.
- 5.3 Secondary containment (bunded area) shall be established and maintained around waste oil storage tanks.
- 5.4 The secondary containment shall:
 - i. Possess 110% capacity of the volume of liquid stored within the largest storage container.
 - ii. Walls shall be constructed of impermeable materials.

- 5.6 Discharge from the secondary containment directly into waterways is Strictly Prohibited.
- 5.7 Secondary containment around the waste oil storage tanks shall be inspected monthly for cracks and breakage to ensure they are liquid-tight to withstand the hydrostatic pressure of any contained liquid when full. A summarized inspection report shall be maintained and made available for inspection by the EPA upon request.
- 5.8 All secondary containment shall remain sealed, where existing piping enters or exits the containment through the wall. This area shall be sealed to provide total containment. No part of the tank infrastructure (e.g., dispenser, filling hoses, and valves) shall protrude outside the containment.
- 5.9 Waste oil storage tanks shall be visually inspected monthly to verify their integrity. A summarised inspection report shall be compiled, maintained, and made available for inspection by the EPA upon request.
- 5.10 Protection measures such as painting and coating shall be maintained to minimise corrosion of the waste oil storage tanks.
- 5.11 Maintenance and/or repair of fittings, pipes, and hoses shall be conducted in accordance with the manufacturer's specifications. A summarised inspection report shall be maintained and made available for inspection by the EPA upon Request.
- 5.12 The following labels shall be posted on ALL waste oil storage tanks:
- i. Waste oil
 - ii. The tank capacity
 - iii. Warning signs ("Danger", "no-smoking", etc.)
- 5.13 Overfill protection shall be installed and maintained on waste oil tanks and may include an automatic shut-off device or an audible or visible overfill alarm.
- 5.14 The safe fill level shall be identified on the gauge and set at 90% to prevent overfilling. In the event of overfilling, all discharges shall be released into the containment bund.
- 6.0 STORAGE & SHREDDING OF IBC TOTES**
- 6.1 Plastic materials and IBC totes contaminated with hazardous chemicals shall not be accepted by the Project for shredding.
- 6.2 IBC totes in storage shall not be stacked more than **three (3)** totes high.
- 6.3 The Project shall maintain records of the number of IBC totes received, shredded, and removed. The records shall be maintained and made available to the EPA upon

request.

- 6.4 The Shredder shall at all times be operated in accordance with the manufacturer's specifications.
- 6.5 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.
- 6.6 The Shredder shall be mounted on an impervious base and enclosed to reduce vibrations and noise emissions.
- 6.7 All shredding activities shall be conducted within the confines of the enclosed facility.
- 6.8 Shredded materials shall be stored in secured polyethylene bags so as to prevent the release of the material into the surrounding environment.
- 6.9 Shredded materials stored in bags shall be properly loaded, enclosed, and secured in the designated containers before exportation.

Management of scrap wastes

- 6.10 Scrap metal wastes from the IBC totes shall be stored under covered areas on an impervious surface that is protected from the ingress of storm or rainwater.
- 6.11 The storage area shall be clearly demarcated and shall not be accessible to unauthorized persons.
- 6.12 An inventory of scrap wastes shall be established and maintained. The reports shall be made available to the EPA upon request.
- 6.13 Metals from the shredding process shall be collected or sent to an EPA authorised Scrap Metal Dealer.

7.0 OPERATION OF WORKSHOP

- 7.1 Servicing and maintenance of vehicles and equipment shall be conducted within the confines of the workshop and on an impervious base.
- 7.2 A drip pan shall be utilized to capture waste oil spills during servicing and maintenance activities.
- 7.3 Flammable materials shall be stored away from ignition sources. **No Smoking** signs shall be posted where such materials are handled and stored.
- 7.4 Contaminated wastewater from cleaning of greasy hands and equipment shall be

collected and/or routed through the oil-water separator prior to discharge into the environment.

- 7.5 Oil-contaminated waste from servicing and maintenance activities such as rags, filters, etc. shall be collected, treated, and disposed of by an EPA Authorised Hazardous Waste Disposal Facility.
- 7.6 Engine oil, grease, and lubricants used at the Project shall be stored in accordance with the Safety Data Sheets (SDS). SDS shall be readily available and easily accessible.

8.0 STORAGE OF LUBRICANT

- 8.1 Antifreeze, lubricants, or any other liquid chemicals used at the Project shall be stored in a secondary containment (bunded area). The secondary containment shall have a volume equivalent to that of the liquid stored within the largest storage container and walls shall be constructed of impermeable materials.
- 8.2 Lubricant storage areas shall be clearly labeled with “Danger, Lubricant Storage Area- Authorized Personnel Only”.
- 8.3 Lubricants shall be stored in accordance with the manufacturer's directions or Safety Data Sheet (SDS) instructions.
- 8.4 Safety Data Sheets for all chemicals shall be readily available and easily accessible at all times at the Project.
- 8.5 Where applicable, the lubricant storage area shall possess ventilation in accordance with at least one of the following:
- i. Gravity ventilation to the outside with a capacity of one cubic foot per minute per square foot or floor space;
 - ii. Mechanical ventilation with on/ off switches at points of ingress that are capable of exhausting the outside; or
 - iii. Natural ventilation.
- 8.6 Lubricant containers shall be inspected weekly for signs of leakage, deterioration, or corrosion and damaged containers **must be replaced immediately**. Inspection reports must be maintained and signed by the appropriately qualified inspecting officer and his/her supervisor.
- 8.7 Lubricant container inspection reports shall be summarised and made available for inspection by the EPA upon request.

9.0 FUEL HANDLING AND STORAGE

- 9.1 A register of the type and quantity of fuel stored onsite shall be established and maintained. Records shall be made available for inspection by the EPA upon

request.

- 9.2 Fuel shall at all times be stored above ground and away from ignition sources. **‘No Smoking’** signs shall be posted where fuel is handled or stored.

Secondary Containment

- 9.3 The secondary containment shall:
- i. Possess 110% capacity of the volume of liquid stored within the largest storage container.
 - ii. Walls shall be constructed of impermeable materials.
- 9.4 Discharge from the secondary containment directly into waterways is Strictly Prohibited.
- 9.5 Secondary containment around the fuel tanks shall be inspected monthly for cracks and breakage to ensure they are liquid-tight to withstand the hydrostatic pressure of any contained liquid when full. A summarized inspection report shall be maintained and made available for inspection by the EPA upon request.
- 9.6 All secondary containment shall remain sealed, where existing piping enters or exits the containment through the wall. This area shall be sealed to provide total containment. No part of the tank infrastructure (e.g., dispenser, filling hoses, and valves) shall protrude outside the containment.

Fuel Tank

- 9.7 Fuel storage tanks shall be visually inspected monthly to verify their integrity. A summarised inspection report shall be compiled, maintained, and made available for inspection by the EPA upon request.
- 9.8 Protection measures such as painting and coating shall be maintained to minimise corrosion of the fuel tanks.
- 9.9 Maintenance and/or repair of fittings, pipes, and hoses shall be conducted in accordance with the manufacturer’s specifications. A summarised inspection report shall be maintained and made available for inspection by the EPA upon Request.
- 9.10 The following labels shall be posted on ALL fuel storage tanks in accordance with the Global Harmonization Standards (GHS):
- a. The name of the fuel stored,
 - b. The tank capacity
 - c. Warning signs (“Danger”, “no-smoking”, etc.)

Overfill Protection and Leak Detection

- 9.11 Overfill protection shall be installed and maintained on fuel tanks and may include an automatic shut-off device or an audible or visible overfill alarm.
- 9.12 The safe fill level shall be identified on the gauge and set at 90% to prevent overfilling. In the event of overfilling, all discharges shall be released into the containment bund.
- 9.13 Dispensing equipment shall be designed with the Best Available Technology (BAT) to minimise spills e.g. suction, pressure, or gravity systems.

Fuel Transfer

- 9.14 The Best Available Technology/ Technique (BAT) shall be employed to capture fuel lost during the unloading of fuel to storage tanks and refuelling of equipment.
- 9.15 Secondary containment, drip trays or other overflow and drip containment measures shall be installed and maintained at connection points or other possible overflow points.
- 9.16 A Standard Operating Procedure (SOP) for fuel transfer operations including a checklist of measures to follow during filling operations shall be established and maintained. A copy of this SOP shall be submitted to the EPA as a component of the **Annual Report**.
- 9.17 All employees shall be trained on the SOP outlined in **condition 8.16**. An Annual training schedule shall be submitted to the EPA as a component of the **Annual Report** required in **condition 14.6**.

10.0 WATER QUALITY

- 10.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000**.
- 10.2 Discharge of untreated wastewater from into the environment is **strictly prohibited**.
- 10.3 The project shall identify and submit to the Agency the GPS coordinates for the final discharge points into the environment. **This shall be submitted three (3) months after the issuance of the permit.**
- 10.4 The project shall install and maintain an oil-water separator at the final discharge point.
- 10.5 Stormwater discharge shall be directed away from the Project and waste oil storage areas.

- 10.6 Equipment re-fuelling shall be conducted on an impervious base to prevent leakage into the soil and surrounding waterways.
- 10.7 Wastewater from the secondary containment of the fuel tank shall be directed to the oil-water separator for treatment before discharge into the environment.
- 10.8 Discharge from the oil-water separator into the environment should be in accordance with the Guyana National Bureau of Standards (GNBS) *Interim Guidelines for Industrial Effluent Discharge into the Environment*. The following allowable limits should not be exceeded:

Parameter	Maximum Concentration	Units
pH	5.0-9.0	
Temperature	<40	°C
Total Petroleum Hydrocarbon (TPH)	< 40	mg/L
Oil and Grease (O&G)	<10	mg/L

Water Quality monitoring shall be conducted at the discharge point **bi-annually** in accordance with the parameters listed above by trained personnel utilizing calibrated equipment. Records of each monitoring exercise shall be maintained and results submitted to the Agency as a component of the Project's **Annual Report**.

- 10.9 Fuel/lubricants including waste oils/used oil shall not be drained from the equipment onto the ground or into waterways.
- 10.10 Hazardous waste shall not be stored in an area where it could potentially enter any waterways as a result of heavy rainfall or high winds. All hazardous waste shall be stored at least **5m** away from any drains on site.
- 10.11 All equipment re-fueling shall be conducted on an impervious base to prevent leakage into the soil and surrounding waterways.
- 10.12 Contaminated wastewater from greasy hands and equipment cleaning shall be collected and/or routed through the oil-water separator before discharge into the environment.
- 10.13 Adequately sloped perimeter drains shall be maintained to collect storm flow. Stormwater discharges shall be directed away from the washout bund.

11.0 AIR QUALITY MANAGEMENT

- 11.1 Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations, 2000**.

- 11.2 Ambient air quality monitoring shall be conducted at the boundary of the property during normal operations to assess the levels of the following air pollutants in accordance with the WHO Air Quality Guidelines 2021:

Air Pollutant	Averaging Time	Maximum Permissible Level	Type of Monitoring	Frequency
PM _{2.5}	24h	15 µg/m ³	Ambient	Annually
PM ₁₀	24h	45 µg/m ³	Ambient	Annually

Air Quality monitoring shall be conducted **annually** in accordance with the parameters listed above by trained personnel utilizing calibrated equipment. Records shall be maintained and submitted to the EPA as a component of the **Annual Report**.

- 11.3 Mechanical equipment shall be operated and maintained in accordance with the manufacturer's specifications.
- 11.4 In the event of equipment malfunction or **inefficiencies** which may result in visible emissions into the air or, in the event of the malfunction leads to abnormal emissions, the operator shall:
- i. Investigate and undertake remedial action **immediately**;
 - ii. Adjust the process or activity to minimize those emissions; and
 - iii. Record the events and actions taken. This shall be submitted in the annual report.
- 11.5 Particulate matter and dust suppression methods shall be maintained around the stockpiles and the pre-stressed piles, which include but are not limited to:
- I. Wet suppression/watering shall be implemented to control dust emissions from material stockpiles and other components of the operation that contribute to dust emissions by a schedule;
 - II. Stockpiles of sand and other dusty materials shall be located in an area of low winds as far as possible from nearby sensitive receptors;
 - III. Stockpiles shall be relatively flat on top and not exceed a height of eight (8) feet;
 - IV. Material shall be removed from the stockpile on the leeward side.
 - V. All stockpiles of sand and other dusty materials shall be covered with tarp or other suitable material when not used for extended periods to

prevent particles from becoming airborne.

12.0 NOISE QUALITY MANAGEMENT

- 12.1 Adhere to the provisions of the **Environmental Protection (Noise Quality) Regulations, 2000.**
- 12.2 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 (Day-time (06:00 h -18:00 h))
80 dB (Night- time (18:00 h - 06:00 h))

Noise Quality monitoring shall be conducted **annually** in accordance with the parameters listed above by trained personnel utilizing calibrated equipment. Records of each monitoring exercise shall be maintained and results submitted to the Agency as a component of the Project's **Annual Report**.

- 12.3 All machines/equipment shall be serviced in accordance with the manufacturer's specifications 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.
- 12.4 All significant noise-producing equipment, such as the shredding machine, 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.

13.0 HAZARDOUS WASTE (Waste Oil, Oily Rags, Etc.) MANAGEMENT

- 13.1 Adhere to the provisions of the **Environmental Protection (Hazardous Waste Management) Regulation 2000.**
- 13.2 Hazardous waste containers shall be labeled with the following:
- i. The words "**Hazardous Waste**"
 - ii. The type of waste
 - iii. Beginning accumulation date, i.e., the date when the container was first placed in the Hazardous Waste Storage Area. Should the hazardous waste container be reused, the date hazardous waste was first placed in the container shall be recorded on the container.

- 13.3 Waste oil containers shall be labelled with the following:
- i. The words “**Waste Oil** or “**Used oil**”
 - ii. Beginning accumulation date
- 13.4 Hazardous waste shall be stored in a covered, bunded area. This area shall include the following:
- i. Signage- “**Hazardous Waste Storage Area**”
 - ii. Low traffic
 - iii. No floor drains
 - iv. The bunded area shall provide 110% containment of the largest volume stored therein.
- 13.5 Hazardous waste (oil rags) shall be treated and/or disposed of by an EPA-
authorised Hazardous Waste Disposal Facility.

14.0 WASTE MANAGEMENT

- 14.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote good sanitation and solid waste disposal practices on site.
- 14.2 Covered garbage receptacles shall be placed upon impervious bases at strategic locations, both within and outside the facility.
- 14.3 Burning of waste is **strictly prohibited**. Solid waste shall be disposed by an EPA Authorised Waste Disposal Company.
- 14.4 Promote waste minimisation and the reuse and/or recycling of waste and other materials where practical.
- 14.5 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.
- 14.6 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning around waste handling and disposal areas (e.g., sweeping, use of absorbents).
- 14.7 The Permit Holder shall construct and maintain a septic tank system on site 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*:

- i) The septic tank shall not be located within 1.5 meters of a building or property boundary;
- ii) septic tanks shall be installed with a sand and charcoal filter bed or other appropriate design for further treatment; and
- iii) shall be accessible for cleaning and de-sludging.

14.8 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*.

15.0 COMPLIANCE MONITORING AND REPORTING

15.1 Notify the Environmental Protection Agency within **one (1) hour** of the discovery of the occurrence of 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). Notification as prescribed by Section 19(3)(a) of the Environmental Protection Act, shall be submitted to the EPA within **twenty-four (24) hours** of discovery of the incident occurring.

15.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.

15.3 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.

15.4 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.

15.5 Maintain and submit to the Agency records of the type, composition, and quantity of contaminant released (i.e., any solid, liquid, gas, odour, sound, vibration, radiation, heat, or combination of any of them).

15.6 Submit an **Annual Report** to the EPA on your compliance with this Environmental Permit on or before **March 31, of each year**.

15.7 Report to the Agency of non-compliance 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.

- 15.8 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.
- 15.9 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.

16.0 INSTITUTIONAL AUTHORITY/ LIABILITIES

- 16.1 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.
- 16.2 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.
- 16.3 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.
- 16.4 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.
- 16.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 5.3 and 5.4 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 16.6 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, of any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and penalties prescribed under the Environmental Protection Act and Regulations.

- 16.7 The Permit Holder shall be liable for any gross negligence or wilful misconduct caused by the Permit Holder, his Servants, and/or Agents, to the environment, biodiversity, protected species, and natural habitat concerning any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 16.8 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.
- 16.9 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.
- 16.10 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.
- 16.11 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 offense to assault, obstruct or hinder an authorized 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.
- 16.12 The EPA has the right to modify, cancel, or suspend this Permit for breach of any of the terms and conditions contained herein.
- 16.13 **This Environmental Permit is not the final consent; all relevant Permits should be obtained from other regulatory bodies for continued operation.**
- 16.14 The Environmental Permit is effective for the period stipulated herein from **April 2025 to March 2030**
- 16.15 This Environmental Permit shall remain valid until **March 31, 2030**, unless otherwise suspended, canceled, 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.

- 16.16 This Permit shall be renewed by submitting a completed *Application Form for Environmental Authorisation* (Environmental Permit) to the Agency at least six months before this Permit expires, that is, no later than **September 30, 2029**.
- 16.17 Any late submission of renewal application(s) after the specified date as stated above, may require the Permit Holder to pay, in addition to 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 (\$2,000.00) per day for every day late**, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.
- 16.18 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
Agency.



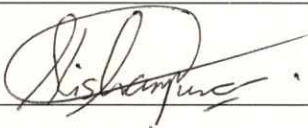
_____ on behalf of the Environmental Protection

Date

4.7.2025

KP

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

NAME	KISHAN PURAN
DATE	2025-04-08
SIGNATURE	
DESIGNATION	Director.



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