



**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 Regulations, 2000**

Reference No.:	20220304 - WPCTH
Fee:	Medium (C1) i.e. US\$500 per year
Fee Paid:	US\$ 500 for one (1) year (September 2022 – August 2023)
Addressee:	Mr. Wallace Paul, WAJA Disposal Service 16 Two Friends Village East Coast Demerara
Activity:	Collection, Transportation and Disposal of Sewage and Waste Oil

WAJA Disposal Services, hereinafter referred to as the “Permit Holder”, is hereby authorized 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, Transport and Dispose of Sewage at the Kingston Outfall and Waste Oil at Bosai, hereinafter referred to as the “Project”, in a manner indicated in the Application for Environmental Authorisation submitted on March 04, 2022, 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 OPERATIONS

- 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

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(Authorisations) Regulations.

- 1.2 Standard Operating Procedures (SOPs) for safe collection and transportation of sewage and waste oil shall be established and maintained. Copies of these SOPs shall be made available to the EPA upon request.
- 1.3 All employees shall be trained on these SOPs outlined in **condition 1.2**. An Annual training schedule shall be maintained and made available to the EPA upon request.
- 1.4 Employees shall be equipped with Personal Protective Equipment relevant to the occupational tasks during operation. These Personal Protective Equipment may include but not limited to:
 - Protective respiratory devices
 - Safety boots;
 - Gloves with reinforced palms and fingers;
 - Eye protections such as tightly fitted safety goggles.

(Employees should at all times be well protected)
- 1.5 Trucks shall **ONLY** be parked on impervious surfaces at Lot 16 Two Friends Village, East Coast Demerara.
- 1.6 Visual/physical inspection of vacuum tankers, hose and all connecting parts shall be conducted daily for signs of leakage. Damaged hoses and connecting parts must be replaced **immediately**. Summary of daily inspection shall be documented and made available to the EPA upon request.
- 1.7 Emergency spill cleanup kits shall be maintained on trucks for response to potential spills. Kits should contain absorbent materials, drain seals and other tools for clean-up.
- 1.8 Adhere to the requirements of **the Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana**.

2.0 COLLECTION, TRANSPORTATION AND DISPOSAL OF Sewage

- 2.1 The collection and transportation of sewage is **strictly limited** to regions 4 and 5.
- 2.2 Label should be affixed to all vacuum trucks used to transport sewage **by November 30, 2022**. The following information shall include:

**Warning
Septic Waste**

- 2.3 All sewage shall be stored in sealed metal containers prior to disposal at the Kingston Outfall; **GPS Coordinate: 21 N 0371182 UTM 0754614.**
- 2.4 A register shall be established and maintained that records the quantities of sewage collected, transported and discharged at GWI approved site. The registered information shall be made available to the EPA upon request.
- 2.5 A Cradle-to-Grave Waste Management System shall be established and maintained. In this regard, a summary of the Waste Collection Records for **EACH** of the sewage disposed at site shall be completed and submitted as a component of the **Annual Report** required in **condition 6.6.**
- 2.6 An incident spill report shall be documented for **EVERY** occurrence of spills during collection, transportation and disposal of sewage. A copy of the spill report shall be submitted to the Agency as component of the **Annual Report** required in **condition 6.6.**
- 2.7 Trained operator or carrier shall at all times supervise, monitor and control the collection and transfer of sewage, to prevent overflow and spill during the entire period of collection and/or disposal.
- 2.8 Sewage shall be transported in secured, enclosed vehicles **ONLY.**
- 2.9 Collection of sewage shall be conducted on an **impermeable** surface.
- 2.10 All vacuum trucks utilised for the collection and transport of sewage shall satisfy the requirements of the **Road Traffic** Laws. Evidence of this requirement shall be made available to the EPA upon request.
- 2.11 Vacuum trucks dedicated for collection and transportation of sewage **shall not** be used for any other purpose.
- 2.12 Approval from Guyana Water Inc. (GWI) to utilize Kingston Outfall for the disposal of sewage shall be submitted **by October 31, 2022.**

3.0 COLLECTION, TRANSPORTATION AND DELIVERY OF WASTE OIL

- 3.1 Label should be affixed to all vacuum trucks used to transport waste oil **by November 30, 2022.** The following information shall include:

Warning Waste Oil

- 3.2 Vacuum trucks dedicated for collection and transportation of waste oil **shall not** be used for any other purpose.
- 3.3 Buckets or other containers shall be placed under piping connections to collect drips

of used oil during loading and unloading operations.

- 3.4 All waste oil shall be stored in sealed metal containers prior to delivery at Bosai.
- 3.5 A register shall be established and maintained that records the quantities of waste oil collected, transported and discharged at Bosai. The registered information shall be made available to the EPA upon request.
- 3.6 A Cradle-to-Grave Waste Management System shall be established and maintained. In this regard, Waste Manifests for **EACH** disposal of waste oil shall be completed and submitted as a component of the **Annual Report** required in **condition 6.6**.
- 3.7 Contract or Letter of Agreement from BOSAI for the disposal of Waste Oil at their facility shall be submitted by **October 31, 2022**.

4.0 WATER QUALITY

- 4.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations 2000**.
- 4.2 Discharges of waste oil and of sewage in surface water bodies, outside of the designated areas is **strictly prohibited**.
- 4.3 Trucks maintenance activities shall be conducted on impermeable surface at least 15m from any waterways.

5.0 AIR QUALITY AND NOISE MANAGEMENT

- 5.1 Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations 2000 and the Environmental Protection (Noise Management) Regulations, 2000**.
- 5.2 Comply with the Guyana National Bureau of Standards (GNBS) *Guidelines for Noise Emissions into the Environment*, not exceeding the commercial limits at a distance of 15 metres (50 ft) from the source or property boundary, whichever is closer.

Commercial Limits: 80 dB [Day-time (06:00 h -18:00 h)]
65 dB [Night-time (18:00 h - 06:00 h)]

- 5.3 Trucks shall be placed on foundation designed to ensure effective damping of vibrations.
- 5.4 Trucks capable of causing emissions shall be maintained in accordance with the manufacturer's specification. Maintenance schedule of trucks shall be submitted the Agency as part of the **Annual Report** required in **condition 6.6**.

- 5.5 Idling of trucks shall be limited, as far as practical. Trucks shall be switched off when not in use.
- 5.6 The Best Available Technologies (BATs) shall be utilized to minimise the impacts of air borne emissions from vehicles offloading and/or loading materials.

6.0 COMPLIANCE MONITORING AND REPORTING

- 6.1 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).
- 6.2 The Project shall establish and submit the following documents to the EPA for review and approval **November 30, 2022**:
- i. Emergency Spill Response Plan or Clean-up Contingency Plan;
 - ii. Transportation Plan for the movement of Sewage.
 - iii. Transportation Plan for the movement of Waste Oil
- 6.3 Make all employees, and third parties under your direction, aware of the conditions of the Environmental Authorisation and provide training on good environmental practices. Annual training schedule shall be submitted in the **Annual Report** required in **condition 6.6**.
- 6.4 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.
- 6.5 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.
- 6.6 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.
- 6.7 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 Authorization for Operation becomes aware of the non-compliance, the anticipated manner in which it may endanger human health or the environment.

- II. Within **seventy-two (72) hours**, submit to the Agency a written report containing a description of the non-compliance, its cause and the period of non-compliance including exact dates and time.
 - III. Submit a report to the Agency indicating the reasons and the anticipated time it is expected to continue if the non-compliance has not been corrected.
- 6.8 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.
- 6.9 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 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.
- 7.2 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.
- 7.3 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.
- 7.4 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.
- 7.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 11.3 and 11.4 of this Environmental Permit, pursuant to s. 19 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 of 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 with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 7.8 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.
- 7.9 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.
- 7.10 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.
- 7.11 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.
- 7.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 7.13 **This Environmental Permit is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 7.14 The Environmental Permit is effective for the period stipulated herein from **September, 2022 to August, 2023.**
- 7.15 This Environmental Permit shall remain valid until **August, 2023**, 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.

- 7.16 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 **February 28, 2023**.
- 7.17 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.
- 7.18 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

6.9.22

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.

Environmental Permit Ref. No. 20220304 - WPCTH

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

NAME	Wallace Paul
DATE	2022-09-20
SIGNATURE	W Paul
DESIGNATION	owner



