



**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>

Operation 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 :	20150813-LDHVS
Fee :	Small (C2) - US\$875 (5 years), i.e. US\$175 per year
Fees Paid:	US \$ 875 (December, 2018 to November, 2023)
Addressee:	Mr Leroy Hinds and Mrs Denise Hinds Proprietors Leroy and Denise Hinds Variety Shop 52 Pike Street, Kitty Georgetown
Activity:	Operation of a Fuel Depot



Mr Leroy Hinds and Mrs Denise Hinds, hereinafter referred to as the "Permit Holders", are hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to operate a Fuel Depot located at 580 South of Brian Sucre Junction into Konawaruk, Potaro, Region 8, hereinafter referred to as the "Project", in a manner indicated in the Application submitted on August 13, 2015, and subject to the terms and conditions set forth herein and any forthcoming regulations, best practices, guidelines and standards relevant to this project.

Terms and Conditions for Operation by the Permit Holder:

1.0 OPERATION

- 1.1 Notify the Agency in writing of any proposed changes to the operation **at least 14 days prior to making the change**. The notification shall contain a **description of the proposed change in operation**. It is not necessary to make such a notification **if an application to vary** this permit has been made and the application contains a description of the proposed change. In this **condition 'change in operation'** means a change in the nature or functioning, or an extension, or any additional installation, which may have consequences for the environment. Changes to operation may include but not limited to the

L. H

24

10

Operation Permit Ref. No. 20150813-LDHV

(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)

following:

- Changes in construction, structure, or layout of the facility, plant or building;
 - Installation of new and/or changes to equipment, machine, apparatus, mechanism, system or technology serving the facility or operation; or
 - Any technology used or installed at the facility from which effluent may be discharged.
- 1.2 Adopt and comply with the Guyana National Bureau of Standards (GNBS) *Guidelines for the Design, Construction, Modification, and Maintenance of Petrol Filling Stations*, and any forthcoming code of practice/guidelines pertaining to the operation of fuel depots.
 - 1.3 Install a fuel dispenser on each fuel dispensing unit to minimise spills.
 - 1.4 Maintain a sump below the fuel dispensers to capture any spillage that may occur.
 - 1.5 Store all fuel away from ignition sources and have 'No Smoking' signs posted where fuel is handled or stored.
 - 1.6 Store any contaminated fuel in closed leak-proof containers and label slop tanks "Used Fuel".
 - 1.7 Maintain good house-keeping, sanitary and hygienic practices, and improvement in the aesthetic quality of the surroundings at all times.
 - 1.8 Ensure that pipelines from tanks to offset filling points, dispensing equipment and vent pipes below the ground surface are well maintained. Pipelines should not be located under buildings. Ensure free access to the pipelines.
 - 1.9 Maintain leak detection mechanisms. At least two (2) of the following measures should be taken: overflow alarms on tanks; gauging system; dipstick measurements; sensors on walls of tanks and electric shut down buttons.

2.0 WATER QUALITY MANAGEMENT

- 2.1 Avoid water contamination from fuel, grease, waste oils and other petroleum products. Store all oils, fuel, paints and chemicals in a designated area, at least 10 m away from watercourses and on an impervious base to minimize adverse impacts to the environment in the event of spillage.
- 2.2 Conduct vehicle refueling and/or maintenance on an impervious base and employ the use of dip trays to avoid contamination in the event of fuel spills/leaks.
- 2.3 Ensure that the discharging of fuel drums from trucks to the fuel storage area is done under strict guidance.

Operation Permit Ref. No. 20150813-LDHV

(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)

- 2.4 Not discharge or dump solid waste and/or trade effluent directly into the unnamed creek on your property nor any other receiving waters without prior treatment.
- 2.5 Install an oil-water separator on site, through which all effluent must pass before final discharge.
- 2.6 Ensure that discharges from the oil-water separator into the environment are 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 and should not be exceeded:
 - pH 5.0-9.0;
 - Temperature < 40 °C;
 - Total Suspended Solid (TSS) < 100 mg/L;
 - Oil and Grease < 10 mg/L;
 - Total Dissolved Solid (TDS) < 40 mg/L;
- 2.7 Monitor the parameters listed in Condition 2.6 on an annual basis at the point of discharge and submit the results to the Agency as a component of the annual report required in Condition 6.7.
- 2.8 Ensure that an emergency spill cleanup kit is maintained on site for response to potential spills. Kits should contain absorbent Materials, drain seals and other appropriate tools for clean up.

3.0 AIR QUALITY AND NOISE MANAGEMENT

- 3.1 Handle and store liquid fuel in such a manner so as to prevent the emission of offensive odors to the air outside the property boundary.
- 3.2 Monitor any malfunction or breakdown leading to abnormal emissions promptly and process operations adjusted until normal operations can be restored.
- 3.3 Ensure visual and odorous assessments of emissions are made frequently during the working day. Remedial action must be taken immediately in the case of abnormal emissions.
- 3.4 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)]

- 3.5 Ensure all significant noise-producing equipment, e.g. generators, etc. are equipped with appropriate silencers or mufflers and/or are enclosed in suitable acoustic enclosures where necessary to reduce noise levels impacting the

L.H

JH

40

Operation Permit Ref. No. 20150813-LDHV

(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)

surrounding environment to achieve compliance with Guyana National Bureau of Standards (GNBS) requirement.

- 3.6 Ensure that the exhaust stacks of the generator are of an appropriate height, above the tallest building nearby, to minimize adverse fumes/soot impacts to surrounding areas.
- 3.7 Ensure that the generators and machines/equipment are regularly serviced to ensure efficiency and reduce the level of noise produced. Maintenance activities of generators, machines or equipment should be scheduled on a regular basis to avoid inefficiencies and noxious emissions.

4.0 WASTE MANAGEMENT

- 4.1 Promote good sanitation and solid waste disposal practices on site. Covered garbage receptacles must be placed at strategic locations at the facility. Wastes must be collected and disposed of at an approved waste disposal facility.
- 4.2 Promote waste minimization and the reuse and/or recycling of waste material and other suitable materials when practical.
- 4.3 Maintain a septic tank system on site. Septic tanks must be installed and fitted with a sand and charcoal filter bed or an acceptable treatment design technology in accordance with the Guyana National Bureau of Standards Code of Practice for Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems.

5.0 HAZARDOUS MATERIALS MANAGEMENT

- 5.1 Comply with the provisions of the Environmental Protection (Hazardous Wastes Management) Regulations, 2000.
- 5.2 Establish and maintain a register of hazardous materials or chemicals used or generated by your operation.
- 5.3 Prepare and submit to the Agency no later than **forty-five (45) days** after the end of each operating year, a report relating to the activities for the previous year. The report shall include:
 - a) The identification information of the facility.
 - b) Type and quantities of hazardous waste generated.
 - c) Data concerning off-site shipments of waste.
 - d) Any applied treatment standards.
 - e) A summary of any accidents that may have occurred and any action taken.
 - f) Any waste minimization efforts undertaken by the generator.
 - g) A pollution prevention plan for the facility.
 - h) Any other matter the Agency may require.

Operation Permit Ref. No. 20150813-LDHV

(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)

- 5.4 The Agency considers all materials listed in Schedule I and II of the Environmental Protection (Hazardous Wastes Management) Regulations, 2000, to be hazardous. Please see attached list of Hazardous Wastes to be controlled.

Keep on site books, documents, records or things showing, as the case may be:

- The amount of hazardous wastes generated, stored, treated, transported or disposed of.
 - The dates pertinent to the activities referred to above.
 - Signed copies of manifests.
 - Records of test results, waste analyses, permit and standard conditions required by any authorization.
 - And any information as the Agency may require.
- 5.5 Ensure that waste oil is labeled, stored in a bunded area, or dispose of in accordance with the Environmental Guidelines, 2011 for the 'Removal, Treatment and Disposal of Oily Sludge' (attached).
- 5.6 Ensure that all fuel is stored away from ignition sources and have 'No Smoking' signs posted where fuel is handled or stored.
- 5.7 Store any contaminated fuel in closed leak proof containers and label slop tanks 'waste gasoline or Diesel Fuel'.
- 5.8 Ensure that oil/fuel containment adsorbent materials are appropriately stored and disposed of by double wrapping in heavy duty garbage bags and disposed of at an incineration operation.
- 5.9 Maintain an impervious secondary containment bund which should have at least 110 % containment capacity around each above-ground fuel storage tanks, creating a temporary holding area in the event of spillage.

6.0 COMPLIANCE MONITORING AND REPORTING

- 6.1 Notify the Environmental Protection Agency within **24 hours** of the occurrence of any environmental emergencies (e.g. oil spills, accidental discharge of hazardous materials/wastes, chemicals, etc.).
- 6.2 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.
- 6.3 Make all employees, and third parties under your direction, aware of the conditions of the Permit and provide training on good environmental practices.
- 6.4 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.

Operation Permit Ref. No. 20150813-LDHV

(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)

- 6.5 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).
- 6.6 Report to the Agency of non-compliance with the Operation Permit:
- I. Within twenty-four (24) hours of the time the Holder of the Operation Permit 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.
- 6.7 Submit **Annual Reports** to the Agency on the progress of the operation and compliance with the conditions under which this Permit was granted on or before **March 31** of each year. Please see attached Guidelines for the Preparation of Environmental Annual Reports.
- 6.8 Comply with any lawful directions given by the Agency from time-to-time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.
- 6.9 Obtain approval from the Guyana Fire Service and provide fire protection measures such as fire extinguishers and sand buckets in accordance with this approval.
- 6.10 Submit a copy of the renewed License from the Guyana Energy Agency (GEA).
- 6.11 Ensure all firefighting equipment are maintained and serviced regularly.
- 7.0 LIABILITY FOR POLLUTION DAMAGE**
- 7.1 The Permit Holder shall be strictly liable for any loss or damage to the environment through any act caused intentionally or recklessly, through the adverse effect of any discharge or release, or cause or permit the entry of pollution, contaminant in any amount, concentration or level in excess of that prescribed by the regulations or stipulated by any environmental authorization which are attributed to any Project S. 19(1) EP Act, Cap. 20:05.
- 7.2 The Permit Holder shall comply strictly with section 39 (1), (2), (3) and (4) of the Environmental Protection Act, Cap. 20:05.

Operation Permit Ref. No. 20150813-LDHV

(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)

- 7.3 The Permit Holder shall be guilty of any offence in accordance with s. 39(1), (2), (3), (4) of the EP Act, Cap. 20:05, which states respectively –“every person who causes material or serious environmental harm by polluting the environment intentionally or recklessly and with the knowledge that material and/or serious environmental harm will or might result is guilty of an offence and shall be liable to the penalties prescribed under the Act.”
- 7.4 The Permit Holder shall be liable to 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.
- 7.5 The Permit Holder shall compensate any Party who suffers any loss or damage as a result of the attributed project. (Part V, s. 19(3)(e)) EP Act Cap. 20:05.
- 7.6 The Permit Holder shall be responsible for the payment of all costs related to the assessment of damage and costs for the independent assessor (s).
- 7.7 Failure to comply with the requirements of this Permit shall render the Permit Holder liable to prosecution and to penalties prescribed under the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

8.0 INSTITUTIONAL AUTHORITY

- 8.1 The Agency reserves the right to conduct regular inspections of the Permit Holders' operation as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 8.2 The Permit Holders shall, at all times, allow entry to the permitted facility to any Officer designated by the Agency for the purposes of conducting inspections or any other legitimate business of the Agency.
- 8.3 The Agency shall have the right to cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 8.4 The Agency (EPA) shall notify the Permit Holders immediately of any written claim or notice sent by any Complainant seeking loss or damage for negligence as a result of the Permit Holder lack of due care and diligence.
- 8.5 Should the Permit Holders' contravene or is likely to contravene any condition of this Permit, the Agency (EPA) may serve him an enforcement notice in accordance with s. 26 of the EP Act Cap. 20:05.
- 8.6 Where it appears to the Agency (EPA) that the Permit Holders are 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) shall issue to the

Operation Permit Ref. No. 20150813-LDHV

(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)

Permit Holder a Prohibition Notice Order to immediately cease the offending activity. S. 27 EP Act, Cap. 20:05.

- 8.7 The Permit Holders are obligated to ensure that the Fuel Depot is permitted by other relevant authorities.
- 8.8 The EPA reserves the right to review and /or amend the conditions attached to this Permit, which also includes the review and/or amendment of permit fees in consideration of any changes in fee structure as determined by the Agency for projects of this nature.
- 8.9 The Permit is effective for the period stipulated herein (**December , 2018 to November, 2023**).
- 8.10 This Operation Permit shall remain valid until **November 30, 2023**, unless otherwise suspended or revoked in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 8.11 This Permit must be renewed by submitting a completed *Application Form for Renewal of Environmental Authorisation* to the Agency at least six months before this Permit expires, that is, no later than **June 01, 2023**.

Signed by  on behalf of the Environmental Protection Agency.
for Dr Vincent Adams
Executive Director

Date

27/11/ 2018


L: H

HH

Operation Permit Ref. No. 20150813-LDHV

(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)

We hereby accept the above terms and conditions upon which this Operation Permit is granted and agree to abide by the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, and any forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME	DENISE HINDS
SIGNATURE	
DESIGNATION	BUSINESS WOMAN
DATE	28-11-2018

NAME	OWNER Leray/Hind
SIGNATURE	L.H
DESIGNATION	OWNER
DATE	28 Nov 2018



L.H

L.H