



**Environmental
Protection
Agency**

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Operation Permit (Renewed)

(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.:	20090714-NBSGS
Fee:	Small (C1) US\$500 (5 years) i.e. US\$ 100 per year
Fee Paid:	US\$500 (July 2019 – June 2024)
Addressee:	Nyron Bidhata Well Point Service Station Plantation 609, Amelia's Ward, Well Road, Linden.
Activity:	Gas Station

ENVIRONMENTAL PROTECTION AGENCY
Database Updated
Denzel 24th July 2019

Nyron Bidhata, operating as Well Point Service Station hereinafter referred to as the "Permit Holder", is 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 Gas Station, located at Plantation 609, Amelia's Ward, Well Road, Linden, hereinafter referred to as the "Project", in a manner indicated in the Application for Renewal submitted on January 27, 2018, and subject to the terms and conditions set forth herein and any existing and/or forthcoming regulations and standards relevant to this project.

This is a Renewal of the Operation Permit, Reference# 20090714-NBSGS, issued on January 29, 2011, which expired on January 30, 2016 has been renewed and deemed an Operation Permit - Renewed and is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.

Terms and Conditions for Operation to be adhered to by Permit Holder:

1.0 OPERATION

- 1.1 Notify the Agency in writing and obtain its approval of **ANY** proposed changes in the Gas Station operation **at least 14 days before 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

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the nature or functioning, or an extension, of the installation, which may have consequences for the environment, including, but not limited to, the following:

- i. Changes in construction, structure, or layout of the facility.
 - ii. Installation of new and/or changes to equipment, machine, apparatus, mechanism, system or technology serving the facility or operation.
 - iii. Any technology used or installed at the facility from which effluent may be discharged.
- 1.2 Adopt and comply with the National Standard "Guidance for the Design, Construction, Modification, and Maintenance of Petrol Filling Stations" and any forthcoming code of practice/guidelines pertaining to the operation of Service Stations.
 - 1.3 Maintain a sump below the fuel dispensers to capture any spillage that may occur.
 - 1.4 Ensure that pipe entries under the pump sumps are sealed to prevent fuel leakage into ground and surface water.
 - 1.5 Route pipelines from tanks to offset filling points, dispensing equipment and vent pipes below the ground surface. Pipelines should not be located under buildings. Ensure free access is maintained to the pipeline system for easy maintenance.
 - 1.6 Maintain an impervious secondary containment wall that should have the capacity to provide at least 110% containment around each fuel storage tank, creating a temporary holding area in the event of accidental spillage.
 - 1.7 Install 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 tank;
 - electric shut down buttons.
 - 1.8 Ensure that corrosion control measures are in place to prevent the corrosion of underground steel tanks and pipe work.
 - 1.9 Ensure all employees are trained in good environmental management practices and of their obligations under the Permit.

2.0 WATER QUALITY

- 2.1 Adhere to the provisions of the Environmental Protection (Water Quality) Regulations 2000.
- 2.2 Maintain the Integrity of the existing waterways at all times. Effluent discharge 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 are the allowable limits for a Gas Station 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;
- 2.3 Maintain an oil-water separator on site, through which all effluent must pass before final discharge
- 2.4 Monitor the parameters listed in condition 2.2 on an annual basis at the point of discharge from the gas station into the receiving drain (after the effluent has passed through the oil/water separator) and submit the results to the Agency as a component of the annual report required in condition 7.2. Samples should be obtained when the Gas station is fully operational.
- 2.5 Maintain the drainage system on site, which must be adequately sloped to collect storm flow.

3.0 NOISE MANAGEMENT & AIR QUALITY

- 3.1 Adhere to the provisions of the Environmental Protection (Noise Management) Regulations, 2000 and the Environmental Protection (Air Quality) Regulations, 2000.
- 3.2 Comply with the Guyana National Bureau of Standards (GNBS) *Guidelines for Noise Emissions into the Environment*. Sound levels from noise-making devices should not exceed the limits below, at a distance of 15 metres (50 ft) from the source or property boundary, whichever is closer.

Residential Limits: **75 dB** [Day-time (06:00 h -18:00 h)]

60 dB [Night-time (18:00 h - 06:00 h)]

- 3.3 Ensure all sound-making devices, such as generators, are suitably enclosed within structures made with materials of good insulation properties (e.g. hollow concrete blocks, insulation boards, solid clay bricks, etc.) and equipped with silencers or mufflers to reduce the noise level.
- 3.4 Ensure that the exhaust stacks of the generator are 2 meters above the tallest building nearby, to minimize adverse fumes/soot impacts to contiguous areas.
- 3.5 Ensure no recreational activities are conducted on site (i.e. bar-b-ques, limes, public gatherings, etc.).
- 3.6 Continue to operate and service all mechanical equipment in accordance with manufacturer's specifications at all times. Additionally, ensure that mechanical equipment is regularly maintained and work at their optimal levels to minimize atmospheric emissions.
- 3.7 Comply with GEA guidelines for the design, constructions, modification and maintenance of petrol filling station.
- 3.8 Implement a vapor recovery system for the offloading of bulk fuel, on site. Measures to reduce loading off loading emissions include selection of alternate loading methods and application of vapor recovery equipment.

4.0 WASTE MANAGEMENT

- 4.1 In accordance to the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote goodsanitation and solid waste disposal practices on site; covered garbage receptacles must be placed at strategic locations at the facility. Waste must be collected and disposed of at an approved waste disposal facility.
- 4.2 Maintain a septic system on site at all times. The septic tank should not be located within 1.5 m of a building or property boundary and should be accessible for cleaning and de-sludging. Any modification to the Septic tanks must 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.
- 4.3 Maintain good house-keeping, sanitary and hygienic practices and the aesthetic quality of your surroundings at all times.
- 4.4 Maintain a good drainage system around the facility. The drainage system should be cleaned regularly and kept free of waste and vegetation.

5.0 FUEL, WASTE OIL AND HAZARDOUS WASTE/ MATERIAL MANAGEMENT

- 5.1 Adhere to the provisions of the Environmental Protection (Hazardous Waste Management) Regulations 2000.
- 5.2 Prepare and submit a register of hazardous materials or chemicals used or generated by your operation. Submit to the Agency twice yearly (June and December) a report relating to the activities for the previous six months including:
- (a) the name, location and type of facility;
 - (b) types and quantities (in metric units) of hazardous waste generated;
 - (c) manner of storage, use, any applied treatment standards/methods and disposal of these substances;
 - (d) data concerning off-site shipments of waste, i.e. local disposal facility utilized, country to which hazardous waste is shipped, purpose of shipment and amount of waste shipped;
 - (e) a summary of any accidents that may have occurred and any action taken;
 - (f) any waste minimization efforts undertaken by your facility for hazardous material/waste; and any other matter the Agency may require.

The Agency considers all materials listed in **Schedules I and II** of the **Environmental Protection (Hazardous Waste Management) Regulations, 2000**, to be hazardous. (Please see attached list.)

- 5.3 In the event that waste oil (recovered from oil-water separator or from servicing of generators) is stored on site, it should be stored in a covered, bunded area to minimize adverse impacts to the environment in the event of spillage. The bunded area must be labeled and be able to provide containment for the maximum volume of waste oil on site.
- 5.4 Dispose of all waste oil in accordance with the Environmental Protection Agency's Guidelines, 2011 for the 'Removal, Treatment and Disposal of Oily Sludge' (attached) or reuse waste oil as lubricant for chainsaw or other equipment\machinery.
- 5.5 Store all fuel away from ignition sources and have '**No Smoking**' signs posted where fuel is handled or stored.
- 5.6 Ensure that oil/fuel contaminated adsorbent materials are appropriately stored in a concrete based structure and away from water ways and disposed by double wrapping in heavy duty garbage bags and disposed of at an approved solid waste disposal site.
- 5.7 Refrain from draining fuel/lubricants including waste oils of any quantity from equipment onto the ground or into waterways.

6.0 ENVIRONMENTAL EMERGENCY RESPONSE

- 6.1 Notify the Environmental Protection Agency within **24 hours** of the occurrence of any environmental emergencies.
- 6.2 Provide adequate fire protection measures in accordance with guidelines established by the Guyana Fire Service. Towards this end, firefighting equipment such as fire extinguisher, sand bucket must be maintained and placed at a visible location on site.
- 6.3 Maintain a supply of oil-absorbent materials such as absorbent pads, sand, etc., at the site for the clean-up of spills.
- 6.4 Treat and contain spills of even a minor nature with absorbent materials.
- 6.5 Ensure that appropriate clean-up equipment such as spill trays, oil spill clean-up recover pump, oil spill dispersant spray system or sorbent pads are readily accessible during refueling exercises.

7.0 COMPLIANCE, MONITORING AND REPORTING

- 7.1 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.
- 7.2 Make all employees, and third parties under your direction, aware of the conditions of the Permit and provide training on good environmental practices.
- 7.3 Prepare and submit to the Agency an **Emergency Preparedness Plan** for approval by the Agency **three (3) months** after issuance of the Permit. The plan shall include:
 - The accident prevention procedures;
 - First person response;
 - Notification procedures;
 - Location of clean-up equipment;
 - An analysis of potential accidents and responses; and
 - Safety Data Sheets for all materials which could be spilled
- 7.4 Where applicable, 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 a combination of any of them).
- 7.5 Where applicable, notify the Agency in writing of any change of name or ownership of the Permit Holder's facility within thirty days after the change occurs.
- 7.6 Where applicable, notify the Agency within **21 days** in event of death, bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.

7.7 Report to the Agency of any non-compliance with the Environmental Authorisation:

- I. Within **twenty-four (24)** hours of the time the Holder of the Environmental Authorisation 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; and
- 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.


7.8 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 **31 March** each year (please see attached, Annual Report form).


8.0 INSTITUTIONAL AUTHORITY/ LIABILITIES

- 8.1 The EPA reserves the right to conduct regular inspections of the Permit Holder's 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 EPA reserves the right to conduct regular inspections of your operation as part of its monitoring and enforcement under the Environmental Protection Act, Cap 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorizations) Regulations, 2000.
- 8.3 The EPA reserves the right to review and/or amend the conditions and fees 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.
- 8.4 The Permit Holder 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 s.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.
- 8.5 The EPA shall have the right to cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 8.6 The Permit Holder shall compensate any Party who suffers any loss or damage as a result of the attributed project. (s. 19(3)(e)) EP Act Cap. 20:05.

- 8.7 The Agency (EPA) shall notify the Permit Holder immediately of any written claim or notice sent by any Complainant seeking loss or damage for negligence as a result of the Permit Holder's lack of due care and diligence.
- 8.8 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 or discharge, spill, contaminant fluids, oil or lubricants from the Gas Station
- 8.9 Should the Permit Holder 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.
- 8.10 Where it appears to the Agency (EPA) that the Permit Holder is engaged in any activity that may pose serious threat to natural resources or serious pollution of the Environment or any damage to public health, the (EPA) shall issue to the Permit Holder a Prohibition Notice Order to immediately cease the offending activity. S. 27 EP Act, Cap. 20:05.
- 8.11 The Permit Holder is obligated to ensure that the Gas Station is permitted by all other relevant authorities.
- 8.12 This **Operation Permit (Renewed)** shall remain valid until **July 31, 2024**, unless otherwise suspended, cancelled, modified, suspended, modified or varied in accordance with the 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.
- 8.13 This Permit must be renewed by submitting a completed *Application Form for Environmental Authorisation* (Operation Permit) to the Agency at least six months before this Permit expires, that is, no later than **January 31, 2024**.
- 8.14 Any late submission of renewal application(s) after the specified date as stated above, shall 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.
- 8.15 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, Laws of Guyana, the Environmental (Amendment) Act, 2005, and the Environmental (Authorisations) Regulations, 2000, including civil penalties and injunctive relief.

Environmental Permit (Renewed) Ref. No. 20090714-NBSGS
(Issued under of the Environmental Protection Act, Cap 20:05, Laws of Guyana, The
Environmental Protection (Amendment) Act, 2005, and the Environmental Protection
(Authorisations) Regulations, 2000.


Signed by  on behalf of the Environmental Protection Agency.


Dr. Vincent Adams
Executive Director


Date

July 19, 2019

I hereby accept the above terms and conditions upon which this Operation Permit (Renewed) is granted and agree to abide by the Environmental Protection Act, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, and any existing or forthcoming regulations and standard made under this Act.

NAME	MYRON BISHARA
DESIGNATION	Owner
DATE	2019-07-22
SIGNATURE	




2019-07-22

