



**Environmental
Protection
Agency**

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Environmental 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.

Fee:	Small (C2) - US\$175 per year
Fee Paid:	US\$875: Five (5) years (November 2021–October 2026)
Addressee:	Mr. Swarendra Sukhpaul, Proprietor Sukhpaul's Business Enterprise, No. 64 Village, Corentyne, Berbice, Region No. 6
Activity:	Operation of a Service Station



Mr. Swarendra Sukhpaul, trading and operating under the name Sukhpaul's Business Enterprise, 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 Service Station, located at No. 64 Village, Corentyne, Berbice, Region No. 6, hereinafter referred to as the "Project", in a manner indicated in the Application form for Renewal of an Environmental Authorisation submitted on August 6, 2021, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, existing and/or forthcoming regulations made under the said Act, and/or any applicable laws, guidelines, best practices and standards relevant to this project.

This Environmental Permit (Renewed), valid from November 2021 to October, 2026, transferred from Mr. Quahza Kamaludeen Khan to Mr. Swarendra Sukhpaul, is 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.

Terms and Conditions for operation to be adhered to by the Permit Holder, his servants, agent (s) and / or sub-contractor(s):

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2021/12/18

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1.0 OPERATION

- 1.1 Make an application to the Agency to vary this Environmental Permit (Renewed) in instances where it becomes necessary to:
- i. change the construction, operation, structure, or layout of the facility and all associated buildings;
 - ii. change equipment, machine, apparatus, mechanism, system or technology serving the facility;
 - iii. change the position and design of any outlet at the point or points of discharge of effluents; or
 - iv. effect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Notify the Agency in writing and obtain its approval at least **fourteen (14) days** before any replacement of underground storage tanks. When this happens the underground storage tanks **must** be changed to double walls tanks, and the specification **must** be submitted to the Agency as stated above.
- 1.3 Adopt and comply with the Guyana National Bureau of 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 the Service Stations.
- 1.4 Maintain a sump below each fuel dispenser to capture any spillage that may occur.
- 1.5 Ensure that pipe entries under the pump sumps are sealed to prevent fuel leaks.
- 1.6 Route pipelines from tanks to offset filling points, dispensing equipment and vent pipes below the ground surface. Pipelines shall not be located under buildings. Ensure free access to the pipeline system for easy maintenance.
- 1.7 Maintain an impervious secondary containment wall around above-ground fuel storage tanks which **shall** have 110% the storage capacity of (a) the largest tank in areas with multiple tanks and (b) solitary tanks.
- 1.8 An electronic shut down system shall be installed as a primary leak detection mechanism, along with any one or more of the following:
1. A gauging system;
 2. An overflow alarm on tanks;
 3. Dipstick measurements; or
 4. Sensors installed on walls of tank.
- 1.9 Ensure that corrosion control measures are in place to prevent the corrosion of underground steel tanks and pipe work.

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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.

- 1.10 Ensure all relevant employees are trained in good environmental management practices and of their obligations under this permit.
- 1.11 Maintain an impervious drainage system around the fuel dispensers. The drain should be at least 2 meters from the dispensers and leading to the oil-water separator.
- 1.12 The Service station shall be provided with adequate fire prevention and control equipment. This may include a smoke detection and alarm system, access to fire extinguishers, fire hydrants or sprinkler systems as appropriate.
- 1.13 Install a **minimum of three (3) groundwater monitoring wells** around the storage facility within **six (6) months** of receipt of this permit. The groundwater monitoring wells shall be inspected to assess any potential leaks and impacts to groundwater. Submit a groundwater monitoring plan including location and design of wells for review and approval by the Agency.
- 1.14 The groundwater monitoring wells shall be installed by a licensed well driller company.

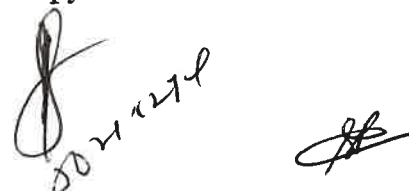
2.0 FORECOURT

2.1 REFUELING AND FUEL DELIVERY AREA:

- i. Fuel deliveries shall be supervised and must be conducted within the forecourt containment area, or in an area with separate bunding;
- ii. Fuel delivery points shall also be equipped with a collection trap that can collect any spilt fuel and divert it to a 'slop tank';
- iii. Ensure all inlets to underground storage tanks are located within a bunded area to contain any spills resulting from discharge of fuel from tankers;
- iv. Ensure the monitoring well in the forecourt area is located downslope of the underground tanks so the situation can be assessed.

2.2 CANOPY

- i. Cover the fuel dispensing area with a roof that has an overhang of at least 10 degrees.
- ii. Direct uncontaminated rainwater away from the canopy and other roofed areas into storm water drains.

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3.0 UNDERGROUND STORAGE TANKS (UST's)

- 3.1 All underground storage tanks shall be double walled.
- 3.2 Ensure that each tank is equipped with a functional leak and overflow protection system, as required **in condition 1.8**.
- 3.3 All metallic components (such as tanks, piping, and joints) in contact with soil must have corrosion protection. Tanks should be placed in an inert material first, e.g., sand.
- 3.4 Ensure that all temporary or permanent closures of USTs are done in accordance with an EPA approved Decommissioning Plan, which must be submitted to the EPA for approval at least **fourteen (14) days** prior to the commencement of the activity as indicated in **condition 1.2**.

4.0 ABOVE -GROUND STORAGE TANKS (AST's)

- 4.1 Ensure that ASTs are located in impervious bunds so as to reduce the risk of groundwater and land contamination. Bund walls should be used to divert storm-water away from storage areas. Storage areas shall be located at least 100 meters away from waterways and areas prone to flooding.
- 1.2 Ensure that AST have impervious impoundments with a storage capacity of 110% of the largest storage tank.
- 1.3 Buried Piping must be protectively wrapped and/or coated to prevent corrosion, and periodically tested for structural integrity.
- 1.4 Routinely monitor AST to ensure they are not leaking. Areas to inspect include tank foundation, connections, coatings, tanks walls, and piping systems.
- 1.5 Ensure fuels and waste oils are managed to ensure safety in handling and the prevention of spills at the storage and operating site(s).

5.0 WATER QUALITY MANAGEMENT

- 5.1 Strictly adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000**.
- 5.2 Construct an oil-water separator, no later than **November 30, 2021**, through which all effluent must pass before the final discharge before.
- 5.3 Do not discharge effluent directly into receiving waters without prior treatment. Discharges from the oil water separator/s 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 Service Station and shall not be exceeded:

- Total Suspended Solid (TSS) < 100 mg/L;
- Oil and Grease < 10 mg/L;
- Total Petroleum Hydrocarbon (TPH) < 40 mg/L.

5.4 Monitor the parameters listed in condition 5.3 on an annual basis at the point of discharge (after the oil water separator but before entering drainage system), and submit the results to the Agency as a component of **Annual Reports** as required in condition **10.2**.

5.5 Maintain an interceptor drain, which must be adequately sloped to collect storm flow. Ensure that drains are cleared of debris and/ or weeds on a regular basis to promote the free flow of water.

6.0 AIR QUALITY AND NOISE MANAGEMENT

6.1 Strictly adhere to the provisions of the **Environmental Protection (Air Quality) Regulations, 2000** and the **Environmental Protection (Noise Management) Regulations, 2000**.

6.2 Comply with the Guyana National Bureau of Standards (GNBS) *Guidelines for Noise Emissions into the Environment*. Sound levels from noise-making devices shall not exceed the limits below, at a distance of 15 meters (50 ft) from the source or property boundary, whichever is closer.

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

6.3 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.

6.4 Ensure that the exhaust stacks of the generator are at least 2 meters, above the generator room, to minimise adverse fumes/soot impacts to contiguous areas.

6.5 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 minimise atmospheric emissions.

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- 6.6 Install\implement a vapor recovery system for the offloading of bulk fuel, on site. Measures to reduce emissions include selection of alternate loading methods and installation of vapor recovery equipment.

7.0 WASTE MANAGEMENT

- 7.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote good sanitation 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 EPA approved waste disposal facility.
- 7.2 Utilise the best practicable means of handling, storing and disposing of all waste materials at all times
- 7.3 Maintain a septic system on site at all times. The septic tank shall s not be located within 1.5 m of a building or property boundary, and shall 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*.
- 7.4 Maintain good housekeeping, sanitary and hygienic practices and the aesthetic quality of your surroundings at all times.
- 7.5 Maintain a good drainage system around the facility. The drainage system shall be cleaned regularly and be free of waste and vegetation.
- 7.6 Burning of garbage is **strictly prohibited** on site.

8.0 ENVIRONMENTAL EMERGENCY RESPONSE

- 8.1 Provide adequate fire protection measures. All firefighting equipment such as fire extinguishers, sprinklers shall be serviced regularly and placed at conspicuous locations onsite, in accordance with guidelines established by the Guyana Fire Service.
- 8.2 Switch off all pumps using the automatic pump cut-off in case of emergency. Switches should be readily accessible to the console attendant and be clearly marked 'Emergency Shut-off Switch'
- 8.3 Maintain a supply of oil-absorbent materials such as absorbent pads, sand, etc at the site for the clean-up of spills.

8.4 Submit to the Agency within **three (3) months** of receipt of the Permit, an **Emergency Response Plan** for approval. This Plan must be communicated to staff and contractor of the facility and shall include but not be limited to:

- i. Accident Prevention Procedures;
- ii. First Person Response;
- iii. Notification Procedures;
- iv. Location of clean-up equipment;
- v. An analysis of potential accidents and response, and;
- vi. Materials safety data sheet for all materials which could be spilled.

8.5 A clear sign outlining spill clean-up procedures and emergency contact numbers should be prominently displayed at the Gas Station at all times.

8.6 Ensure that the Gas Station is equipped with an oil-spill clean-up and response kit, with the appropriate clean-up and response equipment necessary to respond to any spill. The kit must include but not be limited to spill trays, oil spill clean-up recover pump, or sorbent pads, absorbent material to absorb spilt oil and other spilt liquids

8.7 Submit an Incident Report to the Agency within seven (7) days of an unplanned release or spill of fuel and/or chemicals, detailing the root cause of the spill, volume spilled, immediate action(s) taken, recommendation(s) to be implemented to avoid a similar event, location of all materials stored on site and notification and clean-up measure for each site of operation.

9.0 FUEL, WASTE OIL AND HAZARDOUS WASTE/MATERIAL MANAGEMENT

9.1 Strictly adhere to the provisions of the **Environmental Protection (Hazardous Waste Management) Regulations, 2000.**

9.2 In the event that waste oils (recovered from oil-water separator or from servicing of generators) are stored on site, it should be stored in a covered, bunded area to minimize adverse impacts to the environment in the event of a spillage. The bunded area must be clearly labeled and have the capacity to provide 110% containment of the total volume of waste oils stored.

9.3 Store any contaminated fuel in closed leak proof containers and label "slop tanks" or 'waste fuel'.

9.4 Store all fuel waste above ground level in a bunded area to allow easy maintenance and leak detection.

9.5 Ensure that oil/fuel contaminated absorbent materials are appropriately stored

and disposed of by double wrapping in heavy duty garbage bags. All contaminated absorbent materials must be disposed of at an EPA authorized Hazardous Waste Disposal Facility.

- 9.6 Store all fuel away from ignition sources and have **'No Smoking'** signs posted where fuel is handled or stored.
- 9.7 Refrain from draining fuel or lubricants including waste oils of any quantity from equipment onto the ground or into waterways.

10.0 COMPLIANCE, MONITORING AND REPORTING

- 10.1 Monitor the implementation of the conditions of this Permit, in so far as they involve adherence by your employees and all third parties under your direction.
- 10.2 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** of each year.
- 10.3 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.
- 10.4 Inform the Agency prior to or within **thirty (30) days** of any change of name or ownership of the operation.
- 10.5 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.
- 10.6 Notify the EPA **within one (1) hour** of the occurrence of any environmental emergencies such as a sudden onset disaster, accident, natural, technological or human induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood.
- 10.7 Ensure all relevant employees are trained in good environmental management practices and of their obligations under this Permit.
- 10.8 Make all employees aware of the Conditions of the Operation Permit and provide training on good environmental practices.

11.0 INSTITUTIONAL RESPONSIBILITIES

- 11.1 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.

- 11.2 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.
- 11.3 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.
- 11.4 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 (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 11.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 7.3 and 7.4 of this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 11.6 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.
- 11.7 The Permit Holder shall be liable of any gross negligence or willful misconduct caused by the Permit Holder, his Servants and/or Agents, to the environment, biodiversity, protected species and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 11.8 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.
- 11.9 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.

- 11.10 This EPA reserves the right to conduct regular inspections of the Permit Holder's construction activities as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap 20:05, and the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 11.11 This 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.
- 11.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 11.13 **This Environmental Permit is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 11.14 This Environmental Permit is effective for the period stipulated herein **(November, 2021 to October, 2026)**.
- 11.15 This Environmental Permit shall remain valid until, **October 31, 2026**, unless otherwise cancelled, 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.
- 11.16 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 **April 30, 2026**.
- 11.17 **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 business day late, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.

Environmental Permit (Renewed) Ref# 20210806-SSSTC

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11.18 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, and the Environmental Regulations including civil penalties and injunctive relief

Signed by
Agency.



on behalf of the Environmental Protection

Date

2021. 11. 10

I hereby accept the above Terms and Conditions upon which this Environmental Permit (Renewed & Transferred) is granted and agree to abide by the Environmental Protection Act, Cap, 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, the Environmental Protection (Authorisations) Regulations, 2000, all subsidiary legislation made under the said Act and any forthcoming regulations, standards and best practices made under this Act.

NAME	SWARENDRA. SULEHPAUL
DESIGNATION	OWNER
DATE	2021-12-14
SIGNATURE	

