

Environmental Protection Agency

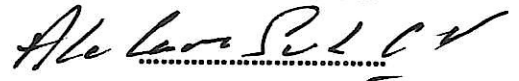
Project Summary

Name: Abraham Subnauth

Address: Lot 47-49, No. 57, Village, Corentyne, Berbice.

Contact: 592 339-4556, 592 623-9535

Abraham Subnauth



Date: December 12, 2025



Project Location and Description of the Existing Environment

The project site is located north along the main access road at Lot 47–49, No. 57 Village, Corentyne, Berbice.

GPS Coordinates:

Latitude: 6°04'44.79" N

Longitude: 57°09'56.256" W

Refer to the Google Maps image, identifying the location, access road, and surrounding land uses is provided and attached to this Project Summary.



Land Use and Surroundings

The predominant land use in the area is residential. A school is located approximately two villages away from the site. There are no major commercial or industrial facilities in the immediate vicinity.

The facility is not located near any rivers, creeks, or town centres. However, a main drainage canal serving the area is located at the front of the filling station. This drainage connects downstream to the Corentyne River and is not used by residents for domestic or recreational purposes.

There are no feasible or reasonable alternatives for this facility. The filling station has been constructed and operational at the present location for several years.

Topography and Soils

The general terrain is flat, with soils consisting of a mixture of sandy and loamy material. The operational area of the filling station is fully concreted, minimizing the potential for soil contamination.

Water Supply and Wastewater

Potable water is supplied by Guyana Water Incorporated (GWI). Wastewater generated from nearby households is directed into the main drainage canal. Effluent generated at the facility originates mainly from the washroom and wash sink on site.

Air Quality

The ambient air quality in the area is considered good, as there are no significant emission-generating facilities nearby. Minor fuel vapours are intermittently generated during fuel delivery and retailing operations, consistent with normal filling station activities.

Project Description and Operations

Nature of the Project

The project involves the continued operation of an existing filling station. No construction activities are currently taking place, as the facility has been established and operational for approximately 40 years.

The project is considered a small-scale facility (filling station). The operation currently employs one (1) employee. The rate of fuel retailing varies based on customer demand.

Operational Activities

The filling station retails the following fuel products:

- Gasoline
- Diesel
- Kerosene
- Liquefied Petroleum Gas (LPG)

Fuel is purchased in bulk from Guy Oil Company, Tatoil Company (owned and operated by Mr. Subnauth), and Leeds Fuel Station, and is transported to the facility by fuel tanker trucks.

Upon delivery, fuel is discharged into underground storage tanks via hoses connected to sealed fill points. A spill pan is placed beneath the hose during refilling to capture any accidental spills. Each underground tank is connected to dispensing pumps used for retail sales.

Storage Infrastructure

- Number of underground storage tanks: 3
- Capacity of each tank: 20,912 litres (4,600 gallons)
- Installation/replacement period: 2005–2006

Currently, two of the three dispensing units are operational (gasoline and diesel).

Utilities and Resource Use

- Primary power source: Guyana Power and Light (GPL)
- Backup power: Caterpillar 50–55 kVA generator
- The generator requires servicing every 100 operating hours; however, servicing has not been conducted since 2022.

Water Use

- Water is supplied by GWI and is used for domestic purposes only. No water treatment is required on-site.

Waste Generation and Management

Solid Waste: Plastic bottles, cardboard boxes, food containers, plastic wrappers, and domestic waste generated by employees and patrons. Waste is stored in covered bins and collected weekly by the local Neighbourhood Democratic Council (NDC).

Hazardous Waste: Used oil generated at approximately one (1) gallon every six (6) months. This oil is reused at the proponent's concrete batching facility for lubrication of moving equipment.

Effluent

Effluent generated is limited to wastewater from the washroom and wash sink on site. No industrial effluent is discharged to the drainage system.

Project Duration and Decommissioning

The filling station is currently operational and is expected to continue operating for several years. Should a decision be made to cease operations and undertake decommissioning, the Environmental Protection Agency will be notified in writing.

Description of Potential Environmental Impacts and Mitigation Measures

Area of Impact

- Potential impacts are limited to the project site and are short-term in nature, occurring primarily during fuel delivery and retailing operations.

Air Quality

- Minor fuel vapours are generated during fuel transfer and dispensing. These impacts are localized, short-term, and reversible.

Water and Soil

- There is no discharge of fuel or liquid waste to the drainage system. The fully concreted surface minimizes the risk of soil contamination.

Cumulative Impacts

- There are no cumulative impacts, as there are no similar facilities located within the immediate area.

Health, Safety, and Emergency Response

- The facility is equipped with fire extinguishers, fire buckets, and a spill kit to address accidental spills or fire incidents.

Filling Station

Legend

- Krish Persaud Rice Mill
- Medical depo pharmacy
- Subnauths Filling Station



Google Earth

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