PROJECT SUMMARY

New Hope Gas Station

Name of Project:
New Hope Mobil Service Station

Name of Developer / Applicant:
Sol Guyana Inc.

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Date Prepared:
6th February 2026

Prepared By:
Herbert Henry (Project Engineer Sol Guyana Inc.)

A VIEW OF SITE FROM TRACKS SIDE ENTRANCE
SCALE nts

2. DESCRIPTION OF THE PROJECT SITE

The proposed **New Hope Mobil Service Station** is to be developed at **Plot 5, New Hope, East Bank Demerara**, Region 04. The project falls under the jurisdiction of the **Caledonia/Good Success Neighbourhood Democratic Council (NDC)** and **Regional Democratic Council (RDC) Region 4**.

Area of Influence

- **Temporal:** Site preparation, construction, operation, and closure phases

Land Requirements

- **Total Land Area:** 1.348 acres
- **Present Land Use:** Empty and undeveloped land

Surrounding Land Uses

- **North:** Residential
- **South:** Commercial
- **East:** Commercial
- **West:** Commercial

Sensitive Receptors

- Residences located within **50 metres** of the site
- River/Sea Defence located approximately **501–1000 metres** away

Physical Characteristics of the Site

- **Topography:** Generally flat
- **Soil Type:** Predominantly clay
- **Flooding:** The site rarely floods during rainy seasons or high tide

Drainage and Receiving Waters

Surface runoff will be collected and directed through engineered drainage systems and **oil/water separators** prior to discharge into existing roadside drainage canals.

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3. PROJECT DESIGN

3.1 Stages of Development

Stage 1 – Land Grubbing
Removal of surface vegetation and limited topsoil to establish site levels.

Stage 2 – Land Filling
Placement of fill material to raise site elevation and prepare the foundation.

Stage 3 – Construction
Construction of Convenience store, underground storage tanks, fuel dispensing pumps, forecourt canopy, access roads, and ancillary facilities.

Stage 4 – Operation
Storage and dispensing of petroleum products and routine service station operations.

The project is a **new development** scheduled for implementation between **February and August 2026**.

3.2 Utilities and Infrastructure

- **Water Supply:** GWI supplied for cleaning and consumption on site.
- **Sewage Disposal:** Septic tank system
- **Electricity Supply:** Guyana Power and Light (GPL)
- **Backup Power:** Generator used only during power outages

3.3 Waste Management

Solid Waste

- Non-hazardous solid waste estimated at **12 metric tonnes per year**
- Disposed of at a **municipal landfill site**

Hazardous Waste

- Petroleum-related waste (e.g. oily rags, minor spills)
- Managed and disposed of in accordance with EPA guidelines
- A hazardous substances list will be submitted separately

Liquid Waste / Effluent

- No process effluent generated

- Stormwater runoff treated using **two oil/water separators** prior to discharge

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4. PROJECT SIZE

- **Capital Investment:** USD **$4.2 million**
- **Annual Turnover:** GYD **$100 million**

Employment

- **Stage 1 – Land Grubbing:** 6 workers
- **Stage 2 – Land Filling:** 8 workers
- **Stage 3 – Construction:** 40 workers
- **Stage 4 – Operation:** 20 permanent employees

Fuel Throughput

- Minimum **150,000 gallons per month**

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5. NON-TECHNICAL DESCRIPTION OF THE PROJECT

The New Hope Mobil Service Station is a fuel service facility intended to supply gasoline and diesel to motorists at New Hope and those travelling along the East Bank corridor area. The project includes a convenience store, a fuel canopy for light vehicles and a larger separate canopy for trucks only. underground fuel storage tanks, dispensing pumps, and associated infrastructure. Environmental protection measures will be implemented to ensure safe operations and to protect nearby residents and natural resources.

B BIRD EYE VIEW OF PROPOSED NEW SITE
SCALE nts

6. DURATION OF THE PROJECT

- **Site Preparation and Construction:** February – August 2026
- **Operation Phase:** Long-term (20+ years)
- **Closure Phase:** To be determined at the end of the project life

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7. POTENTIAL ENVIRONMENTAL EFFECTS

Land and Soil

- Removal of surface vegetation during land grubbing
- Dust generation during filling activities
- Solid waste generation during construction
- Minor risk of petroleum contamination during operations

Air

- Temporary dust during filling and construction
- No routine odours or air emissions during operation

Water

- Potential contamination from surface runoff if not properly managed

Noise

- No significant noise impacts anticipated beyond normal construction activities

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8. MITIGATION MEASURES

- Controlled removal of only necessary topsoil
- Installation of dust mesh on leeward sides during filling
- Barricading of the site during construction
- Reduction and reuse of construction materials where possible
- Installation of **two oil/water separators** to treat all surface runoff
- Proper storage and handling of petroleum products
- Staff training in spill prevention and emergency response