

Rapid Oilfield



Guyana Inc.

Project Plan

RAPID OILFIELD GUYANA INC.

LOT # CROAL STREET

STABROCK

GEORGETOWN

GUYANA

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INTRODUCTION

Rapid Oilfield Guyana Inc. proposed facility is located in the Garden of Eden, on the East Bank Demerara, Guyana. The plot is situated 25 kilometers away from Georgetown. It is situated just two lots off the East Bank Main road with an access road. The facility has started development of 24281 square meters (6 acres) where 50% of the area has been cleared of vegetation and a warehouse has been erected.

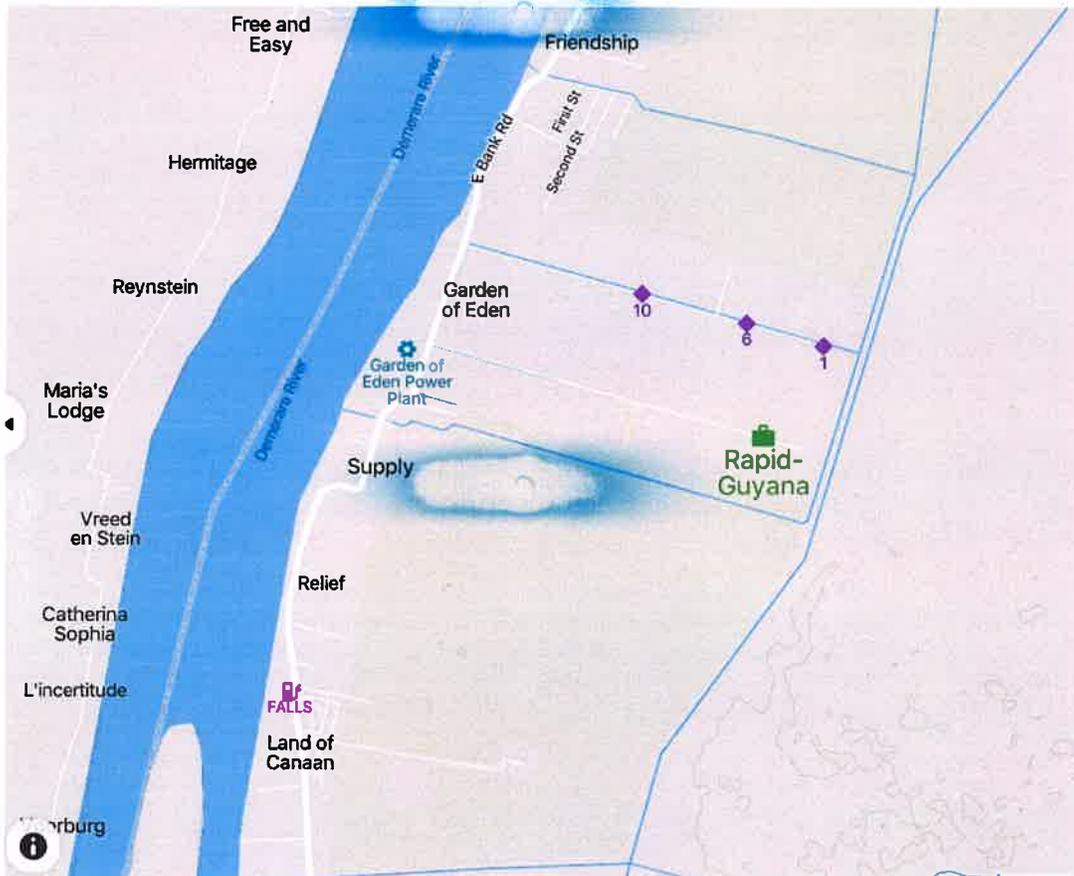
The surrounding areas are predominantly home to locals who are cash crop, large scale poultry and cattle farmers.



Arrow shows the exact location as it relates to the aerial map.

Site Description

The facility location is approximately 1.5 kilometers into the Second street, obliquely opposite The Garden of Eden Power Plant.



The area has been cleared and a warehouse dimensions 100 feet x 100 feet has been constructed approximately 200 feet from the entrance of the property. There are small natural drains on either sides of the land.

Facility Activities

The facility activities include:

- ✓ Storage of pipes and industrial equipment
- ✓ Cleaning of tools, pipes and other equipment using mechanical equipment
- ✓ Non-Destructive testing of industrial tools, pipes and equipment
- ✓ Administrative activities
- ✓ Storage of tools, parts, and chemicals



Area showing storage of pipes

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Area showing storage of pipes



Front view of the Warehouse



Front view of the Warehouse



Administrative area with Welfare facilities

As shown in the site plan, the picture shows four offices, a lunchroom or rest area and washroom facilities. Septic Tanks have already been prepared.

ROGI is still awaiting electrical connections for the facility.



Laydown Yard showing water storage.

Ninety percent of the space is an open area. The present usage is to store pipes and tools for the oil industry. There is plans and preparations to develop the facility to include a Wash Bay Area, a storage area and various work areas where cleaning, preparation and Inspections can be facilitated.



Laydown Yard showing water storage.

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Facility surrounded by trees and shrubs.



Project Design

The land is presently being developed as follows:

PHASE 1

- Clearing of land, backfill of area and preparation of foundation.
- Construction of Warehouse to include administrative offices and welfare facilities.
- Compression of the surrounding land area to enable heavy vehicle and equipment movement.
- Preparation of septic tanks and drainage area

PHASE 2

- Electrical connection
- Develop warehouse area to include storage area and inspection area
- Construction of workshops
- Construction of wash bay and sump

PHASE 3

- Installation of Emergency equipment, fire alarms, fire extinguishers
- Installation of signage
- Development of Emergency Response plans

Project Details

Phase 1

The project included 4 – 6 employees for the construction of the facility. Phase 1 consisted of receiving of material for the development of the land, compaction of the soil.

Construction material of cement, sand, water and bricks. Steel for the foundation was used in the construction of the building.

The facility is presently using a diesel-powered generator for electrical power on the facility until we receive connectivity. Water is being purchased and delivered via trucks to fill the tanks for daily use.

Pipe washing is being done with environmentally friendly products which are biodegradable.



Project Operations

At the completion of the project, there would be an estimate of 30 – 60 employees. There can be more workers, however they will be dispatched to client's facility.

Rapid Oilfield's core operation is nondestructive testing and the activities that supports the activity such as cleaning of the tools and pipes, preparation of the items. Forklift operations is an integral part for the operations for te movement of pipes and equipment.

Some processes of inspections include:

- Drill Pipe inspections
- Magnetic Particle Inspection
- Load Testing
- Full Length Ultrasonic Testing
- Water Blasting
- Sling and shackle inspections



Magnetic Particle Inspection



Ultrasonic Inspection



Water blasting Operation

Project Details

Projected duration of the project:

Phase 1 – Completed

Phase 2 – August 2023

Phase 3 – To be decided.

Potential Effects:

The effects of the operations on the land and soil is minimal, any chemical being used will be used in the wash bay area where a sump will collect the waste and discharge clean water.

There would be no effects to the water or waterways due to the processes of operations where only clean water is used for the cleaning and blasting.

The operations of ROGI do not generate any air emissions, therefore no hazards to the atmosphere. There are forklift operations with carbon monoxide emissions, however the equipment is maintained on a scheduled basis.

Mitigation:

- Domestic garbage will be collected and disposed of properly.
- The Sump will be constructed to collect waste and filter. Then allow clean water to enter the main drainage.
- Use paper will be shredded and taken to be recycled.
- Used lubes will be collected and stored in barrels to be recycled.

These plans will mitigate any impact which the operations will have on the environment.