

January 28th 2023

SIR SERVICE

PROJECT
SUMMARY FOR
PROPOSED
SERVICE STATION
IN TAPIR LANDING

Prepared by: D. Dhanrajh

Project Name: Sir Service Station

Address: Right bank of Cuyuni River, Tapir

Developer: Deodat Dhanrajh

Sector of Operation: Commercial/Fuel

Business Address: Same as above.

Date of Commencement of Project: Completion and operation of service station to commence following approval by relevant agencies.

NON-TECHNICAL SUMMARY OF PROPOSED PROJECT:

The developer proposes to complete construct a fuel service station at Tapir. The fuel service station will be constructed on land that is approximately 1/4 acre in size. The land was previously cleared of brush and secondary-type vegetation and subsequently sand.

The developer constructed and placed 3 fuel tanks (above ground) with the capacity to store 5000 gallons of fuel each. One tank will be used to store diesel which will amount to 5000 gallons of diesel and two tanks will be used for storage of gasoline, which amounts to 10,000 gallons of gasoline to be stored on site. All tanks will be enclosed with bund walls with the capacity to store 110% of the volume of the containing tank.

Two pumps will be procured and placed to dispense fuel. Pumps will be placed under a canopy to provide protection against the weather.

Construction activities will also entail the completion of construction of the following:

- Attached administrative building

SIR SERVICE STATION

- Canopy cover for fuel dispensers
- Restroom facilities
- Concrete drains with necessary oil/water separators
- Concrete flooring in specific areas

Approximately 6 persons are employed during the construction phase which is expected to last three months.

Expected environmental impacts and mitigation Measures (Construction Stage):

Expected Impact	Mitigation Measures
<p>Generation of domestic and construction waste.</p> <p>Construction activities typically generally waste including end pieces of lumber, formwork, cement bags and other types of waste.</p> <p>The presence of workers will generate domestic waste including food boxes and other forms of solid waste.</p>	<p>The developer will engage the services of a private waste collection service to remove construction waste from the site. Waste will be disposed at an area approved by the relevant local authorities.</p> <p>Domestic waste will be collected daily. Waste collection receptacles will also be placed on the site during construction.</p>
<p>Dust Nuisance</p> <p>Construction activities can generate dusty conditions, this is expected to be minimal.</p>	<p>In cases when the site becomes too dusty, it will be wetted accordingly.</p> <p>Workers will wear dust masks where necessary.</p>

<p>Noise Nuisance</p> <p>Construction activities generate some amount of noise nuisance, this is expected to be minimal.</p>	<p>Potential Environmental Impacts Noise from the proposed operations is not considered to be a factor to alter the existing ambient noise</p> <p>Construction activities will not be undertaken in the nights.</p> <p>The developer will ensure that all measures are in place to reduce unnecessary noise levels.</p>
<p>Removal of vegetative cover and erosion.</p> <p>Removal of existing vegetative cover and result in some amount of erosion.</p>	<p>The developer will ensure that vegetation removal is limited to the footprint that is required for the service station and ancillary structures.</p>

Operation Phase

During the operational phase, the service station will be open from 6:00am to 6:00pm six days per week. A 15 KVA generator will supply power to the building. Domestic water will be sourced from rainwater harvesting and the river. A total of four employees will be hired during the operational phase. Domestic waste will be collected in waste collection receptacles placed throughout the service stations. A septic tank will be constructed. Number of employees during the operational phase will be four (4).

OCCUPATIONAL HEALTH AND SAFETY MEASURES

CONSTRUCTION PHASE:

The developer will implement the following:

- Provide workers with training in the proper use and maintenance of equipment and machinery where necessary.
- Ensure appropriate Personal Protective Gears are worn during construction.
- Ensure there is no unwanted or deleterious discharge into the surrounding environment.
- Implement a strict no dumping policy
- Observe all Covid 19 protocols.
- Ensure the service station is outfitted with all necessary firefighting equipment including fire hoses, extinguishers and sand buckets.
- Provide first-aid kit on site
- Establish a muster point and identify emergency procedures.
- Comply with the National guidelines regarding health and safety.

ENVIRONMENTAL MONITORING

Environmental monitoring programs will be implemented to address all activities that have been identified to have potential impacts on the environment during construction and normal operations. Environmental monitoring activities would be based on direct or indirect indicators of emissions, effluents, and resource use as applicable.