

November 2022

SIR SERVICE STATION

**PROJECT
SUMMARY FOR
PROPOSED
SERVICE STATION
AT PARIKA
EAST BANK
ESSEQUIBO
REGION #3**

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SIR SERVICE STATION

Project Name: Sir Service Station

Address: Lot 6 Section “A” Hyde Park, East Bank Essequibo, Region #3

Developer’s Name: Deodat Dhanrajh

Sector of Operation: Commercial/ Fuel

Business Address: Same as above

Date of Commencement of Project by the first quarter of 2023: The Service Station is expected to commence operation following approval by relevant agencies.

NON-TECHNICAL SUMMARY OF THE PROPOSED PROJECT:

The developer proposes to complete construct a fuel service station at the Parika location. The fuel service station will be constructed on land that is approximately 0.394 acres in size. The land was previously cleared and has a building at the back of the site that will be renovated into an office and convenience store.

The developer plans to store a capacity of 20,000 gallons of gasoline, 20,000 gallons of diesel and 3000 gallons of kerosene at this location (Parika). This facility will be mainly to supply residents and businesses within the region and other locations throughout the country. Four (4) above-ground storage tanks will be used to store diesel which will amount to 20,000 gallons of diesel, one (1) above-ground storage tank which will amount to 3000 gallons and four (4) underground storage tanks, which amounts to 20,000 gallons of gasoline to be stored on site. All above-ground storage tanks will be enclosed with bund walls with the capacity to store 110% of the volume of the containing tank.

Four 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 and renovation of the following:

- Canopy cover for fuel dispensers
- Installation of Storage tanks at the site
- Construction of pump islands
- Installation of fuel dispensers and pumps
- Restroom facilities
- Concrete drains with necessary oil/water separators

- Concrete flooring in specific areas
- Concrete fence 6 feet high to act as a security barrier
- Renovation of building to accommodate administrative building (convenience store).

Approximately 6 persons are employed during the construction phase which is expected to last four months. While 4 persons will be employed to work on a shift basis to ensure the facility is adequately managed.

Expected Environment Impacts and Mitigation Measures (Construction Stage):

Expected Impact	Mitigation Measures
<p>General of domestic and construction waste.</p> <p>Construction activities typically generally waste include 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, plastic bottles, 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 using a sprinkler system that will be set up accordingly.</p> <p>Workers will wear PPE such as dust masks, respirators, and goggles 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 levels.</p> <p>All equipment used on-site will be operated according to the manufacturer’s specifications and will be maintained to ensure they are operated at optimal</p> <p>Construction activities will not be undertaken during the night.</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>	

Removal of existing vegetative cover and result in some amount of erosion.	The developer will ensure that vegetation removal is limited to the footprint that is required for the service station and ancillary structures.
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Projected Annual Turnover: The projected annual turnover for the facility is estimated to be 40 million annually.

Supporting Document: See appendix

No. of employees in the operational phase. 4

Operational Phase

During the operational phase, the service station will be open from 6:00 am to 6:00 pm six (6) days per week. A 12 KVA generator will supply power to the building. Domestic water will be sourced from rainwater harvesting and GWI. 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.

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 Equipment is worn at all times during construction.
- Ensure there is no unwanted or deleterious discharge into the surrounding environment.
- Implement a strict no-dumping policy since waste receptacles will be provided on-site and skip bins for disposing of construction waste

- 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 muster points and identify emergency procedures that will be onsite.
- Comply with the National Guidelines regarding health and safety.

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ENVIRONMENTAL MONITORING

The service that will be offered will be of high standards and in compliance with all applicable laws and regulations. On-site, great emphasis will be placed on maintaining high environmental and health & safety standards.

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.