

PROJECT SUMMARY:

Acc-Trust Diagnostics and Medical Centre

April 28, 2021

Developer: **Bibi Shazmeen Bacchus (20210129-BBDPL)**

Project: **Acc-Trust Diagnostics and Medical Centre- Operation of a Doctor's Clinic, Internal Pharmacy and Medical Laboratory**

Location: **Lot 47, Cotton Field, Essequibo Coast**

Application Submitted on: **January 29, 2021**

The Developer applied to the Agency for an Environmental Authorisation for the operation of a Doctor's Clinic, Internal Pharmacy and Medical Laboratory at Lot 47, Cotton Field, Essequibo Coast.

The current application will be processed for the operation of the Project as its infrastructure already exists. However, the Project is currently not operational. The facility consists of a total of seven (7) rooms which include a nursing room, a patient room, a doctor's room, an ultrasound room, an internal pharmacy, a medical laboratory and an x-ray room. Some of the medical testing that will be conducted are Clinical chemistry testing, Haematological testing, Hormonal testing, Electrolytes testing.

Further, the Project will be supported by a fuel storage facility as well as a back-up generator that will be used in the event of a power outage. It should be noted that no surgery will be undertaken at the facility neither will any patients be housed.

It was determined that possible adverse impacts from the operation of the project can occur as a result of the generation of bio-hazardous and infectious waste, if not properly treated and disposed. Additionally, the risk of spill of fuel and pharmaceutical drugs exist while impacts such as noise and air emissions can occur when the generator is in use.

Notwithstanding this, no impacts to drinking water or ground water is expected since Officers did not observe any wells within a 500m radius of the Project. Additionally, it is not expected that surrounding natural resources will be affected by the project since significant physical alteration of the land will not be required in its operation. The only source of air emission from the Project will be from the exhaust stack of the back-up generator to be used when there is a power outage.

The project was applied to the EPA's EIA Study screening tool and scored a total of 406 points which is below the EIA Study required threshold of 872 points.

In this regard, it was determined that the project does not require an Environmental Impact Assessment however, the Facility will be required to complete other environmental management tools such as an Environmental Management Plan (EMP) and an Emergency Response plan (ERP).

It should also be noted that the Facility has submitted to the Agency, Full Zoning Approval from the Central Housing and Planning Authority.

Therefore, it is recommended that a **30 Days Public Notice** for the proposed project be published.

Bibi Shazmeen Bacchus
Acc-Trust Diagnostics and Medical Centre
Cotton Field, Essequibo Coast
Medical Centre
Verification Inspection
Operation Permit



Cotton Field

7 15 24.48 N, 58 28 51.83 W (Bibi Shazmeen Bacchus)

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Google Earth

Name of the Project: ACCU – TRUST Diagnostics & Medical Centre

Name of the Developer/Company:

Bibi Shazmeen Bacchus

Contact Detail:

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Date Prepared 27th April 2021

Prepared By: Bibi Shazmeen Bacchus

2. The Establishment that is seeking Environmental Authorisation from the Environmental Protection Agency occupies a lower flat of a two flat building situated on the northern side of the land, measuring about fifty (50) feet from East to West and about twenty – five (25) feet from North to South.

The location of the intended project will be on Lot 47 Cotton Field, Essequibo Coast, Guyana.

The intended project area consists of six (6) rooms, below states the description and dimensions:

Room 1 – Measuring about 9” x 6”ft – its use will be for collecting patient’s personal and clinical information.

Room 2 – Measuring about 9” x 7”ft – patients observation/examination room

Room 3 – Measuring about 9” x 6”ft – Doctors room

Room 4 – Measuring about 9” x 6”ft – Ultrasound

Room 5 – Measuring about 9” x 7”ft – internal Pharmacy

Room 6 – Measuring about 11” x 10”ft – Medical Laboratory

The area that is contiguous to the project site is an open space owned by the owner who owns the building that is housing the project.

3. Raw materials used and continue to be used will be of concrete and ceramic tiles on the floors, painted wooden walls, doors, and PVC ceilings.

For drainage - PVC pressure and non-pressure pipes, sinks will be of ceramic and stainless steel types.

Sources of Utility services are listed below:

- Potable treated water – Guyana Water Inc.
- Electricity – Guyana Power & Light,

Note: Generator with a capacity of 10kVA to be used in the absence of GPL power. The generator that would be used would be those that will be operating a specific decibel rate and would be enclosed via the use of acoustic materials to prevent sound/noise escaping the facility.

Waste Management Details:

Types of waste:

Biohazardous waste – Blood sample (Processed)

Medical Waste – Gauze, cotton wool, mackintosh, disposable gowns

Sharps – Needles, syringes, lancets, blades

Chemical waste – Laboratory reagents, disinfectants,

Pharmaceutical waste – expired drugs, OTC

General Waste – Paper, plastic, general non-infectious waste and non-hazardous

Methods of waste disposal/ treatment:

Sharps and Biohazardous waste will be placed in a **Red** rigid puncture resistant container. When sealed, the sharps container will be leak resistant and cannot be opened without great difficulty. Sharps containers will be labelled with the words “SHARPS WASTE” or “BIOHAZARD”. The sealed and labelled sharps containers will then be taken away from the laboratory and be placed in a secured area/location that no one will have access to except the responsible person for the operation.

Hence, Biohazardous and Sharps waste will be contracted to Suddie Public Hospital to be incinerated

Medical waste will be placed in Red biohazard bags, labelled and store in a location where no one can access the location, except the person responsible for the operation. General waste will be placed in labelled black bags. Those two categories of waste will be contracted to Puran Brothers Inc to be disposed of.

Pharmaceutical waste will be colour coded in a blue rigid plastic container. Hence, Food and Drug Analysts will be contacted.

This information given is to the best of my knowledge at this time.

Note: The Project Waste Management Manual is being formulated in keeping with the Established Standards and Guidelines.

4. **Project Size:**

Capital Investment in project: Twenty million, five hundred thousand dollars
(GY\$20,500,000.)

Six employees for every stage of the business.

Rate of Production annually: Nine Million, five hundred thousand dollars
(GY\$9,500,000)

5. **Summary of what the project is about:**

ACCU-TRUST Diagnostics & Medical Centre will provide a comprehensive battery of blood tests, that is, testing for in-house physician’s patients requests or any external medical facilities or self-requested, Ultra Sound and ECG (in-house or otherwise), in-house Pharmacy, Onsite Doctor’s Clinic. These in-house tests will be done under one roof, hence, services will be offered daily for the start-up of this business. Possibility lies for a twenty – four (24) hours service in the early future.

6. The duration of this project will be for a lifetime.

7. There will be no potential effects on the environment, which may result from this existence of this project.

8. Proposed plans to mitigate environmental impacts. – Nil