



KIKI'S CHICKEN FARM

PROJECT SUMMARY



Kiki's Chicken farm

Name of Developer: Teffon and Salome Telford

Developer's Address: Lot 3208 Buttercup Street, South Ruinveldt Park, Georgetown

Contact Details: +592-679-9652

Business Name: Kiki's Chicken Farm

Project Location: Parcel 567, Block XXIX, Plantation Garden of Eden, East Bank Demerara

Project Type: Poultry Rearing (Meat birds and Layers)

Project Duration: An additional 50 years

Project Location and Description

The Poultry Rearing (Meat birds and Layers) facility is located at Parcel 567, Block XXIX, Plantation Garden of Eden, East Bank Demerara on approximately four acres of lands zoned for agricultural use and can be accessed via the East Bank Public Road. The facility currently has three pens on site; two of which have the dimensions of 25 ft x 100 feet, whereas the other has the dimensions of 30 ft x 100 ft. There are currently plans to expand the operation by adding two more pens to the site.

The surroundings of the operation are mixed in nature, as there is an upcoming housing scheme to the South, vacant lands to the North, West and East. Please refer to figures 1 and 2 to view the location of the facility and the surrounding land uses.

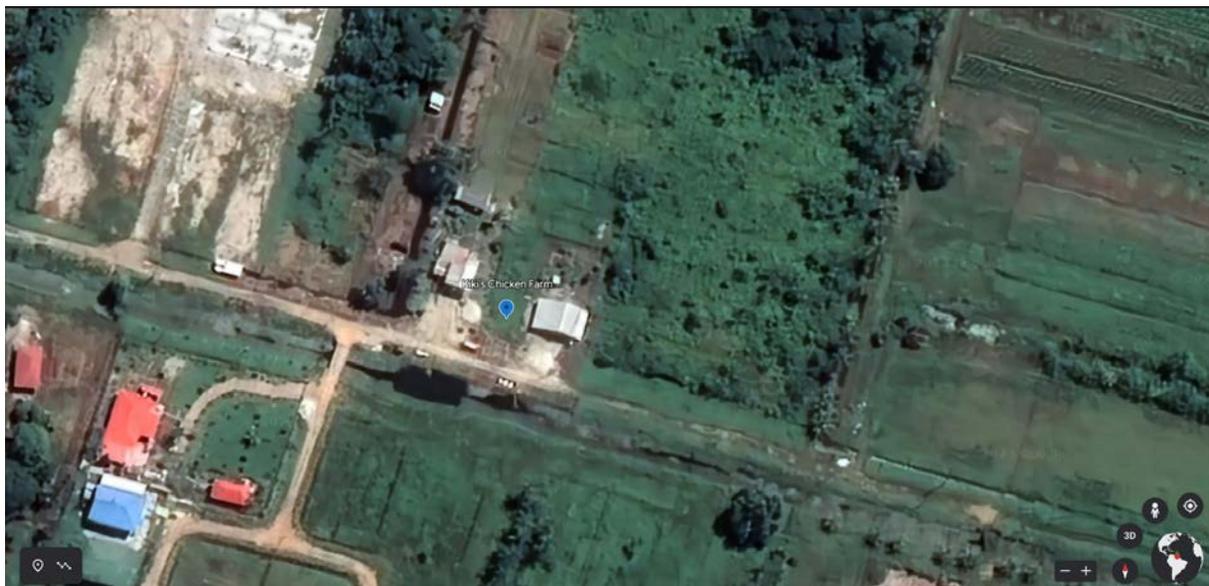


Figure 1: Map showing location of facility

Kiki's Chicken farm

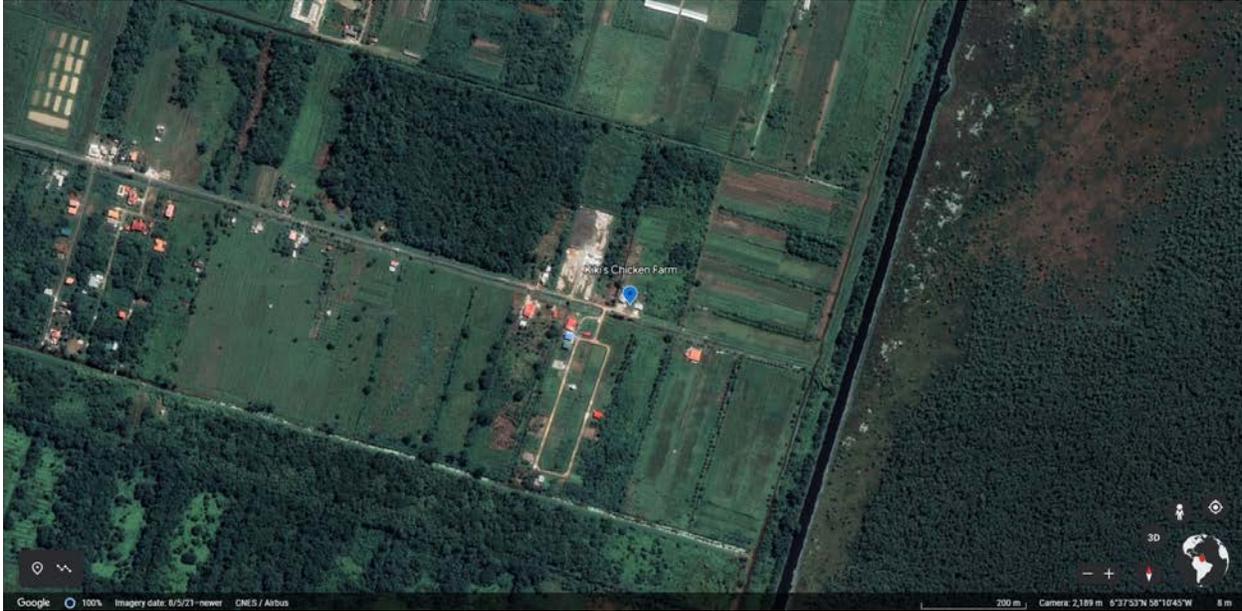


Figure 2: Map showing surrounding land uses.

General Information

Four (4) persons are employed to work at the poultry rearing operation. Working hours will be 7:30 hrs to 17:00 hrs, Monday to Sunday. Personal Protective Equipment (PPE) are provided to the workers and it includes long boots and face masks. A First Aid Kit is located on site to treat any minor cut(s) or bruise(s) and a vehicle is on standby to transport any injured person to the nearest Hospital.

Utilities such as water and electricity are provided by a nearby creek and the Guyana Power and Light Incorporated (GPL). Fuel will not be stored onsite and no generator will be used as a back-up. Water will also be stored on site in five (5) 450-gallon tanks, as well as in three (3) 45-gallon tanks. Feed will be stored within the pens. Three (3) water pumps will be used on site to ensure constant water supply to the farm.

Operation

The **operation process** of the facility is as follows:

Broilers Birds

- Receiving hatchlings: Baby chicks will be sourced from various hatcheries around Guyana and placed in the pens.

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- Rearing: The chickens will be reared in stages and on a six-week cycle so that there is a constant sale of birds.

Layers

- Receiving hatchlings: Baby chicks will be sourced from various hatcheries around Guyana and placed in the pens.
- These birds are reared for about 6 months before they start producing any eggs. Once egg production begins, these eggs will be collected daily.
- The eggs would be processed by wiping with a damp cloth before being packaged and sold off to market vendors and supermarkets.

Potential Environmental Impacts and Mitigation Measures

Potential Environmental Impacts	Proposed Mitigation Measures
<p>Odour Nuisance: Odour nuisance from the facility could be emitted from the improper management of wastes and the improper cleaning of the facility.</p>	<p>To mitigate this impact, the facility will be cleaned daily, before and after production with bleach. Additionally, wastes will be properly managed as outlined in the waste management section below.</p>
<p>Water Pollution: Water pollution from the facility could occur due to the release of untreated effluent into the water ways.</p>	<p>To mitigate this impact, there are screens in place at all points of release from the facility to trap all organic waste from the fish (scales, guts, fins) and prevent them from being released into the drainage system. Additionally, the wastewater from the facility is treated with chlorine tablets before being released into the drainage systems.</p>
<p>Noise Pollution: The only noise pollution that may occur would be from the use of the water pumps on site.</p>	<p>To mitigate this impact, the water pumps will only be operated during certain periods of the day to fill the water storage tanks on site.</p>

Waste Management

Solid waste management: Solid waste such as food boxes, bottles etc., damaged egg trays, will be collected in garbage receptacles on site and disposed of by a garbage disposal service. Empty feed bags will be reused to collect litter for the pens. Chemical bottles would also be disposed of via garbage disposal service.

Organic Waste: Organic waste from the facility would include dead birds and litter. The dead birds are collected daily and collected by pig farmers who use the waste as food for their animals. The used litter is removed from the pens after each cycle and some is reused as fertilizer for the onsite farm, while some is distributed to crop farmers in the area.

Municipal Waste: Municipal waste from the facility is discharged into the septic tank. The septic tank is accessible for cleaning and will be emptied when full by a solid waste disposal service.