

Environmental Impacts Screening Decision

Camex Broiler Breeders Inc

Project location and components



Goggle Image – Showing the operation with the four existing pens in the compound

Description of proposed development

The intended project will be established on a five (5) acre agriculturally- zoned land, located at lot C1 Plantation Pearl, East Bank Demerara (figure 1). The project will entails the establishment of the following:

- The construction and operation of a 260 m² poultry hatchery- concrete & steel structure
- The construction and operation of a 1208 m² single-storied poultry processing plant (approximately 4000-6000 birds will be processed weekly)- concrete and steel structure.
- The rearing of poultry birds in four existing pens of dimensions 20 ft. x 100 ft. Each pen has the capacity to rear appropriately 20,000 broiler birds per batch.

- The construction of an 8ft wide access bridge to the facility from the main access road and about 750ft of internal roads to link various operations on the property.

Environmental impact screening

The EPA's screening of the proposed project concludes that the potential impacts identified are not significant or is the project deemed environmentally sensitive. Impacts arising from the construction and operational phases of the project are minor, localized and mitigable.

- Impacts from noise will be low to moderate and primarily during the construction phase; and considered short-term and localized. The area is sparsely populated and zoned for agricultural activities. The nearest community is more 330 meters east of proposed site.
- Impacts from dust pollution will be low to moderate and primarily during construction and short term and localized. The nearest community is more 330 meters away from proposed site.
- There are no areas (including aquatic) on or around the location that are used by protected, important (threatened, endangered, endemic) or sensitive species of flora or fauna (e.g. for breeding, migration, nesting, foraging, resting) that could be negatively impacted by the project.
- During the operation phase of the project there is potential for the discharge of untreated effluent from the poultry pens and poultry processing facility. This has the potential to negatively impact nearby waterways, as there are two drains surrounding the property, both leading to a main drainage system that discharges into the Demerara River. Consequently, the developer will be required to submit a detailed **effluent management plan (EMP)**, clearly outlining mitigation and monitoring plans that will be utilized to effectively treat effluent streams before final discharge to environment.

Conclusion and recommendations

From the analyses of the parameters assessed, there is a potential for negative impacts to surface water quality, from the discharge of large quantities of untreated effluent (on average 163 m³ weekly) into surrounding ways. Of the other parameters assessed the potential impacts during construction and operation are not significant, since those potential impacts identified were short term, reversible and easily mitigable. An Environmental Impact Assessment is therefore not required for project; however, the

developer will be required to submit a detailed **effluent management plan (EMP)**, clearly outlining mitigation and monitoring plans that will be utilized to effectively treat effluent streams before final discharge to environment.