

Triple J David Farmstead - Project Summary Outline

In accordance with Section 11 (1) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana

1. Cover Page

Name of Project: Triple J David Farmstead

Name of Developer(s): Joel G. David, Adrian J. David, and Junior J. David

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2. Site Description

The project site, Triple J David Farmstead, is located at Lot 5, being a portion of State Land situated on the Western Side of the Soesdyke–Linden Highway, on the Left Bank of Marakai Creek, Right Bank Hauraruni River, Right Bank Demerara River, in the County of Demerara, Guyana.

The total area comprises approximately six (6) acres of new developed land.

Water for the project will be sourced from a nearby creek. The site would include a designated manure pit for waste collection and composting.

No existing discharges are present on-site; new drainage systems will be constructed to prevent runoff into surrounding watercourses.

3. Project Design

Triple J David Farmstead is designed as a sustainable, mixed agricultural development comprising livestock and crop production.

Activities include site preparation, construction of pens and housing structures, installation of drainage and waste systems, and operational farming.

The project integrates the following activities:

- Poultry operations: 3,500 layers in cages and 3,000 broilers raised in stages of 1,000 every two weeks.
- Pig rearing and breeding operations.
- Cultivation of short-term crops including limes, lemons, peppers, eggplant, shallots, ochro, bora, pineapple and sweet potatoes.
- Feed production and on-site composting using animal waste.
- Development of utility systems, water supply, electricity, and waste management facilities.

4. Project Size

The project represents a capital investment of approximately GYD 40 million. Employment will include 20 persons during the construction phase and 50 persons during the operation phase.

Production rates will vary based on livestock and crop cycles, with steady operations expected by 2026.

5. Non-Technical Explanation (Layman's Summary)

Triple J David Farmstead is a family-owned agricultural development aimed at producing poultry, pigs, and crops in an environmentally friendly way. The farm will provide food, jobs, and income for the local community while following sustainable farming practices.

6. Project Duration

The project developmental stage spans from 2025 to 2028. Construction and setup will occur between early 2025 and mid-2026, with full operations continuing through to 2028.

7. Potential Environmental Effects

Potential environmental impacts include: possible surface runoff carrying organic matter into the creek, localized odor from livestock operations, and minor soil disturbance during construction.

Water extraction from the creek will be regulated to prevent overuse.

8. Proposed Environmental Mitigation Plans

- Construction of a manure pit for proper waste storage and composting.
- Establishment of vegetation buffers and controlled drainage systems to prevent runoff into the creek.
- Scheduled cleaning and waste disposal to control odor and flies.
- Efficient water management practices to ensure minimal impact on the creek ecosystem.
- Use of organic waste for compost to reduce external fertilizer dependency.