

Name of Developer: Charlton Feidtkou

Developers' Address: Lot 261, Good Hope, Essequibo Coast

Project Name: Shevone Fiedtkou Sawmill

Project address: 954 Back Street, Good Hope Essequibo Coast

Contact details: 684 6622

Project Type: Sawmill

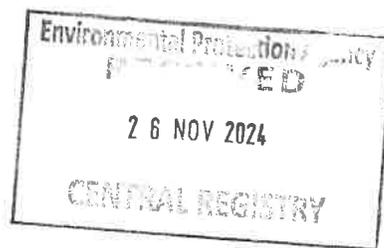
Projected Capital Investment: Approx. Guy\$10M

Annual Turnover: Projected Guy\$ 2M

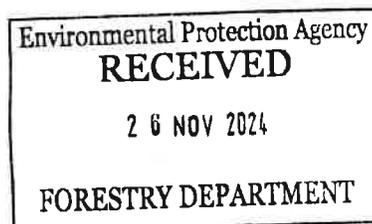
Project Duration: 40 years

Prepared by: Charlton Feidtkou

Date: November 26, 2024.



26/Nov/24
[Signature]



Project Location and Description

The sawmill site encompasses a total land area of 1.59 acres and is located at Parcel 954, Good Hope, Essequibo Coast. It is accessible via the Good Hope village. The site is surrounded by farmland, with an unnamed creek immediately to the south and the Supenaam Creek approximately 400 meters further south (refer to Google Map in Figure 1).



Figure 1: Location of the proposed project and surrounding land uses.

Pre-Construction Phase

The pre-construction phase was completed prior to the commencement of operations in 2019.

Operational Phase

The operational setup includes:

- A primary mill shed measuring 50 ft (width) by 120 ft (length).
- A secondary smaller shed with a roof peak height of 25 ft.
- Both structures are supported by wooden posts on concrete bases, with aluminum zinc roofing.

Electrical support for the equipment was installed by a certified electrician, and a concrete toilet facility connected to a septic tank handles waste management through anaerobic treatment.

Construction Duration: Approximately three weeks (subject to weather conditions).

Installed Equipment:

1. Two (2) engine-operated mills.
2. One (1) planer.
3. One (1) engine-operated edger.
4. One (1) 275 kVA generator.
5. One (1) tractor.
6. One (1) chainsaw.

Production and Storage:

- The sawmill processes 100–150 m³ of logs monthly.
- Both dressed and rough lumber are produced and stored on lumber racks and dunnage.
- Timber species include Tatabu, Torinario, Farm Board, Baroamalli, Antwood, Karatie, Silverballi, Dukalie, Purpleheart, Greenheart, and others.

Log Sourcing and Transport:

- Logs are primarily sourced from the Community Association Concession (ESS 08/09) and other concessionaires in the Sand Pit Backdam region.
- Transportation methods: log trucks and floating logs down the Supenaam Creek.

- Logs transported by truck are offloaded using a tractor winch and placed into a log pond with a 150 m³ holding capacity. Creek-transported logs are temporarily stored in the creek before being moved to the log pond.

Utilities:

- Water: Four (4) 450-gallon tanks mounted on a trestle.
- Electricity: A 275 kVA generator powers the equipment. The generator is housed in a 14 ft x 10 ft concrete-based room.

Workforce:

- Employees: Ten (10) daily workers.
- Hours of Operation: Monday to Saturday, 8:00 AM to 5:00 PM.
- Safety Equipment: Workers are provided with PPE including gloves, visibility vests, helmets, goggles, and steel-tip boots.

Health and Safety Measures:

- A First Aid Kit is available onsite.
- A vehicle is on standby for emergencies to transport injured workers to the Yarrowkabra Health Post.
- Fire extinguishers and sand buckets are strategically placed onsite, and “No Smoking” signs are prominently displayed.

Fuel Storage:

- Fuel is purchase daily.

Environmental Effects and Mitigation Measures

1. Noise Nuisance:

- Noise generated by equipment, generators, and machinery will be minimized by housing generators in concrete-based rooms with exhaust stacks.
- Equipment will be serviced regularly to maintain efficiency, and workers will use hearing protection.

2. Fire Risks:

- Fire extinguishers and sand buckets are readily available.
- Staff are trained in fire safety and extinguisher use.
- Regular inspections of electrical systems will reduce fire risks.

3. Vibrations:

- Machinery is installed on concrete foundations to dampen vibrations.
- Log-loading equipment operates only as necessary.

4. Particulate Matter (Dust):

- Dust from planers is captured by extractor systems and stored in containment bins.
 - Sawdust is removed regularly, and floors are periodically wetted to control dust.
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Waste Management

1. Solid Waste:

- Domestic waste is collected in covered receptacles and disposed of weekly by Puran Brothers Waste Disposal Services.
- Wood waste is repurposed for revetment, while sawdust and shavings are distributed locally to poultry farmers.

2. Effluent Management:

- Greywater and sewage are treated in an accessible septic tank that is emptied as needed by Puran Waste Disposal Services.

3. Hazardous Waste:

- Waste oil from machinery maintenance is stored securely in 5-gallon pails. Some oil is reused, and the remainder is distributed to chainsaw operators.
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