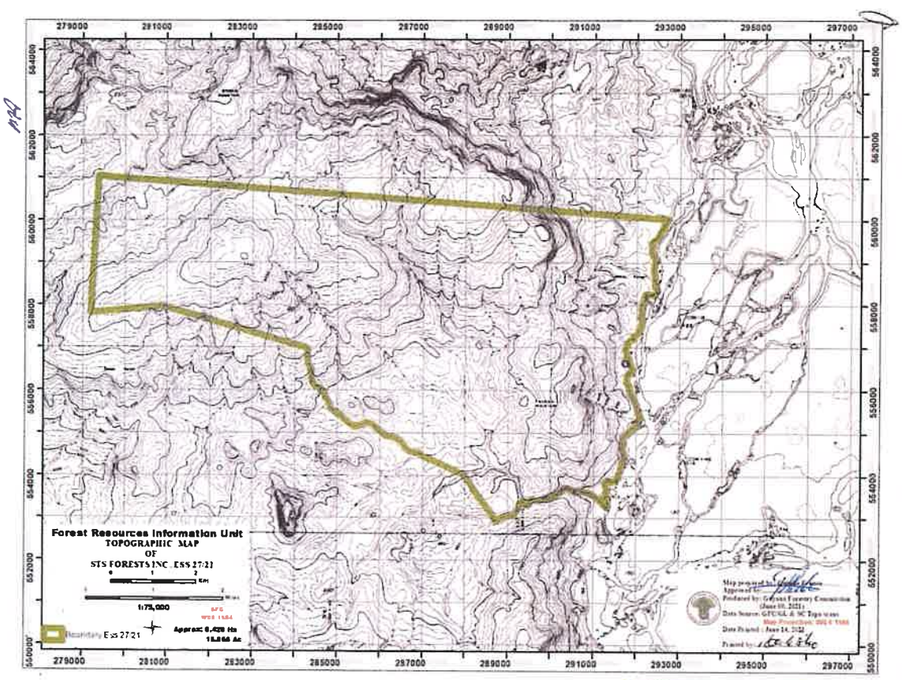
STS FORESTS INC

PROJECT SUMMARY

Application for Environmental Authorisation

SFA ESS 27/21



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1. Company Profile

STS Forests Inc is the holder of a State Forest Authorisation Ess 27/21 encompassing 6,420ha. We were accepted into a Forest Stewardship Council (FSC) Certification Group run and managed by Specialized Timber Services Inc (STS). Through this group our products can access certified markets throughout the world.

The concession produces logs, piles and if required chainsawn lumber from selected species of wood including Greenheart, Purpleheart, Crabwood, Mora, Locust, Kabukalli, Tauroniro, Silverballi, etc. A selective logging approach is used for timber harvesting activities, where an identified number of commercial species above a specified diameter are extracted from an area. Forests are logged in a manner such that harvesting does not result in a break in the overall rainforest canopy. A Code of Practice sets minimum operational standard requirements, and the GFC monitors harvesting practices through a structured program of field visits.

2. Description of site

In 2021, STS Forests Inc was awarded a State Forest Authorisation, Ess 27/21 for the purpose of cutting a basic quota/volume of 4,477.95m³ of forest produce per 31 months.

The concession is located in Region 7 further described below.

The concession consists of mixed forest with an area of 6,420ha of virgin forest with no mining. There are no communities within the boundaries of the concession.

A full description of the concession is as follows:

First Schedule

Left Bank Essequibo River; Mowasi Mountain Range:

Commencing at the mouth of an **unnamed tributary** on the Left Bank Essequibo River having approximate **UTM** geographic coordinates of **02 92 749** E, **05 60 031** N, thence up the Left Bank Essequibo River for approximately **7.7 km** to the mouth of an **unnamed tributary** having approximate **UTM** geographic coordinates of **02 91 316** E, **05 53 263** N, thence up the Left Bank of this **unnamed tributary** for approximately **2.2 km** to a point opposite the mouth of another **unnamed tributary** having approximate **UTM** geographic coordinates of **02 89 354** E, **05 53 380** N, thence across and up the Left Bank of this **unnamed tributary** for approximately **0.8 km** to a point, having approximate **UTM** geographic coordinates of **02 88 721 E, 05 52 940 N**; thence by a cut line in a North Westerly direction for an approximate distance of **1.3 km** to a point on an **unnamed tributary** having approximate **UTM** geographic coordinates of **02 87 975** E, **05 54 025** N, thence by a cut line in a North Westerly direction for an approximate distance of **1.1 km** to a point opposite the mouth of an **unnamed tributary** having approximate **UTM** geographic coordinates of **02 86 938 E, 05 54 501 N;** thence across up the Left Bank of this **unnamed tributary** for approximately **4.1 km** to a point near its source having approximate **UTM** geographic coordinates of **02 84 290** E, **05 56 975** N, thence by a cut line in a North Westerly direction for an approximate distance of **3.5 km** to a point near the source of an **unnamed tributary** having approximate **UTM** geographic coordinates of **02 80 931** E, **05 57 969** N, thence by another cut line in a West South Westerly direction for an approximate distance of **1.7 km** to a point having approximate **UTM** geographic coordinates of **02 79 206** E, **05 57 804** N, thence by another cut line in a Northerly direction for an approximate distance of **3.2 km** to a point having approximate **UTM** geographic coordinates of **02 79 377** E, **05 61 047** N, thence by another cut line in a East South Easterly direction for an approximate distance of **13.3 km** to the mouth of the first mention **unnamed tributary** of the Essequibo River, this being the point of commencement.

Save and except all lands legally held.
Coordinates have not been field tested
Description subject to change upon verification.
Approximate area: 15,866 acres, 6,420 hectares
Map reference: 51 NW & 44 SW
WGS 1984 projection

3. The Project

The primary activity of this project is logging within the boundaries of Ess 27/21. This location is strategically positioned for easy access to raw materials (logs).

Logs will be harvested or lumber chainsawn and transported across Essequibo River and then trucked via the Mabura Road to STS Sawmills Inc site in Linden.

Core activities that occur are

i) The alignment, construction and maintenance of logging roads, skid trails within the concession – project lifetime of 10 years
ii) Scoping works for bridges and culverts – project lifetime of 10 years
iii) Clearing of land for log markets for sorting logs prior to loading – project lifetime of 10 years
iv) Felling of trees – project lifetime of 10 years
v) Skidding of logs from stump to log market – project lifetime of 10 years
vi) Loading of logs onto trucks at log markets – project lifetime of 10 years
vii) Trucking of logs along the Mabura Road to customers – project lifetime of 10 years

Additionally, the company will continue to develop and implement in-house systems adopting the principles of the proposed Guyana Legality Assurance System and Forest Law Enforcement, Governance and Trade (FLEGT) Action Plan of the European Union and looks forward eagerly to supporting the Low Carbon Development Strategy (LCDS) and Reducing Emissions from Deforestation and Forest Degradation (REDD+) through continuous Sustainable Forest Management practices.

Project Size

Capital Investment:

Existing machinery is being used. An additional investment of G$0.5 million per annum will be required to implement the operation for roads etc.

Employment:

A combined work force of 8 persons is contracted to work in this concession.

Lifetime of the Project:

The project will have an estimated lifespan of 10 years.

4. Potential effects on the environment

i) Waste characteristics and volume

a) Solid waste

The felling will produce wood waste such as branches, log ends etc.

Mitigation: Wood waste will be left to decompose in the forest.

b) Domestic waste, effluent and sewage

Domestic waste and sewage from camp.

Mitigation: All domestic waste will be collected and disposed of or buried.

Sewage will be contained within latrines and when full buried

ii) Physical environment

a) Impacts to land/soil

Construction of roads, bridges, log markets and drainage will require removal of topsoil. Skidding of logs will cause some damage to the top soil too.

Mitigation: Compliance with the Guyana Forestry Commission Code of Practice and Reduced Impact Logging (RIL) will limited impacts.

b) Impacts to air
Local emissions of exhaust fumes from equipment, camp generator. Dust from the roads in the dry season.
Mitigation: Minimal impacts to air.

c) Noise and vibrations
Noise and vibrations would be generated by the operation of the machines and felling of trees.
Mitigation: Minimal noise and vibrations

d) Impacts to water
Water at bridges will be affected
Mitigation: Compliance with the Guyana Forestry Commission Code of Practice and Reduced Impact Logging (RIL) will limited impacts