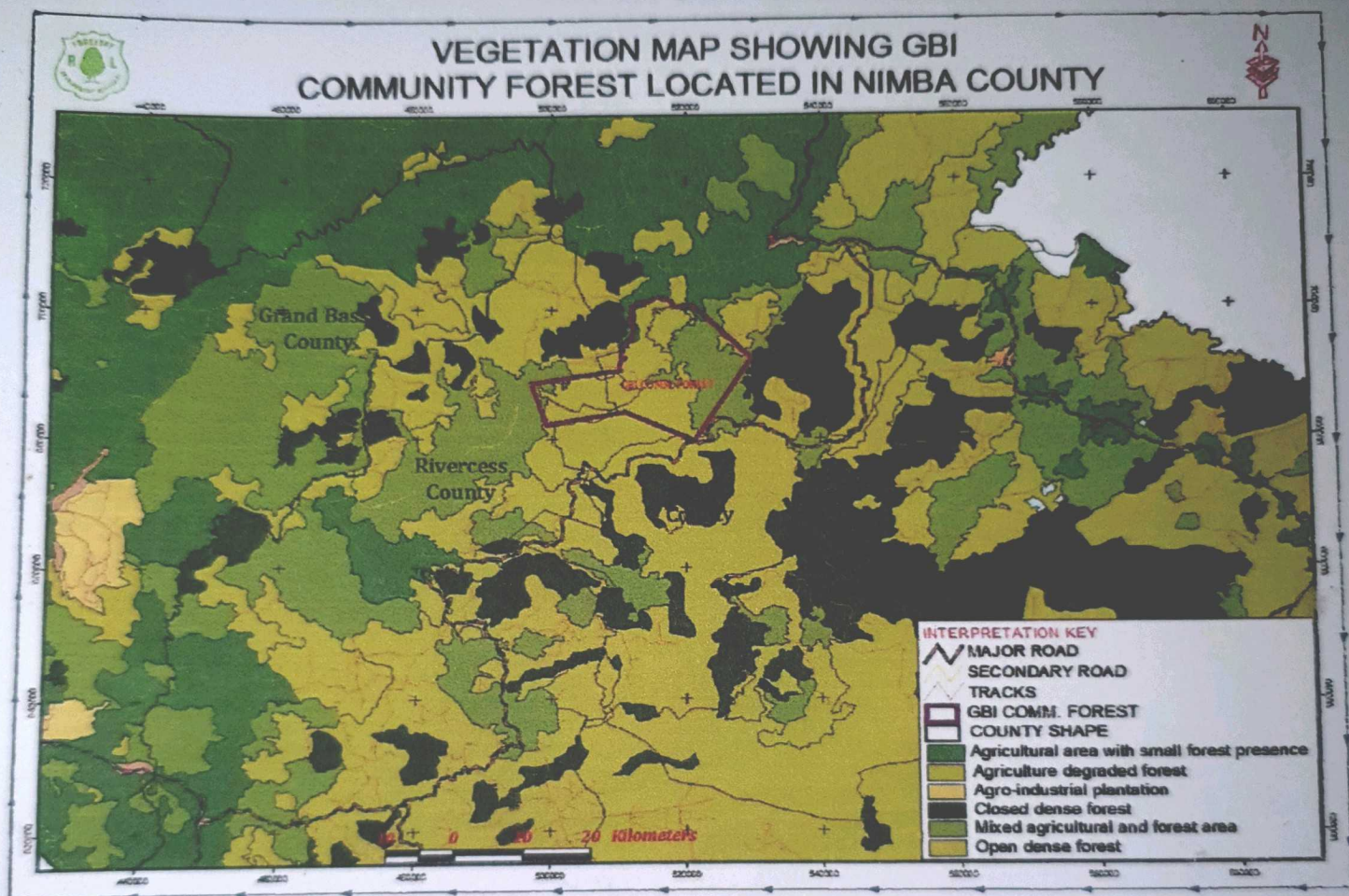


LIBERIA TREE & TRADING COMPANY, INC

5-YEAR FOREST MANAGEMENT PLAN FOR GBI COMMUNITY FOREST NIMBA COUNTY, LIBERIA



**PRESENTED TO: THE FORESTRY DEVELOPMENT AUTHORITY
(FDA)
WHEIN TOWN, MOUNT BARCLAY
MONROVIA, LIBERIA**

ACRONYMS

5-YFMP	Five Year Forest Management Plan
FDA	Forestry Development Authority
LTTC	Liberia Tree & Trading Company
CFMA	Community Forest Management Agreement
CA	Contract Area
CITES Species	Convention on International Trade of Endangered
AC	Annual Coupe
FC	Forest Compartment
Ha	Hectare
RIL	Reduced Impact Logging
PRS	Poverty Reduction Strategy
SGS	Societe General de Surveillance

Matrix A: Activity, Forecast/Implementation

Matrix B: Planned Schedule of Logging Activities

Matrix C: Planned Schedule of Other Activities

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EXECUTIVE SUMMARY

The **Management of Liberia Tree & Trading Company (LTTC)** has developed and produced this first **five-year Forest Management Plan (5-YFMP)** to provide a detailed description of 5-year logging activities to be undertaken in the tract of forestland located in Gbi Chiefdom, Nimba County, Liberia.

LTTC is legally registered as a business entity to participate in the forest sector in Liberia. The company will operate within the framework of all relevant provisions contained in regulatory instruments and guidelines that the Forestry Development Authority (FDA) has put in place for good governance in the forest sector.

The company shall sustainably use the forest resources found in the Gbi Community Forest area to generate profit and provide the requisite benefit that will empower the inhabitants of the district, especially affected communities to improve their livelihoods. In so doing, LTTC hopes to contribute to Government's Agenda for Transformation.

The Plan highlights the company's profile, description of the five-year forest compartments in the contract area, amongst other activities to be undertaken during the logging season.

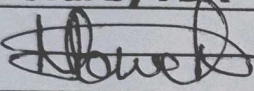
The plan contains maps and tables indicating the locations and boundaries of the compartments and the results of the inventory conducted in the forest in the community forest areas.

This First Five-Year Forest Management Plan shows the partition of annual coupes in the first forest compartment and operational activities in the contract area. Notwithstanding, the plan will be modified during the preparation of subsequent five-year forest management plans to suit prevailing situations on the ground.

The company is committed to operate within the scope of all national and international regulatory instruments to ensure sustainable forest management practices in the sector.

DOCUMENT RECORD SHEET

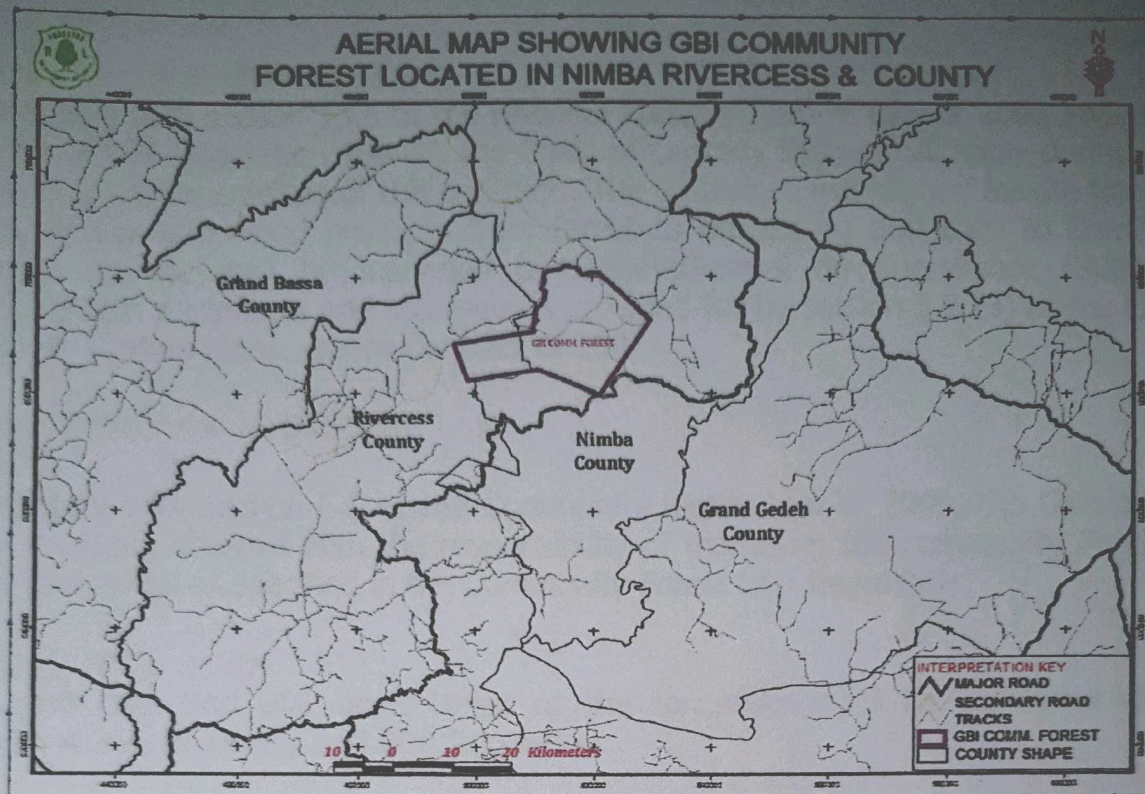
TABLE A:

Description	Information
Name & Contract Address of Contract Holder	Liberia Tree & Trading Company Paynesville City, Liberia
Contract Reference Number	CFMA #__
Contract Effective Date	
Five-Year Forest Management Reference Number	5-YFMP #01
Date of Submission to FDA for Approval	April 2014
Date of Approval by FDA	N/A
Signature 	Nyunyun J. Toweh Managing Director

METES AND BOUNDS/TECHNICAL DESCRIPTION

Commences at a point near the Town of Borkon (6° 17' 24.10" N – 9° 11' 27.24" W); thence a line runs S 33° E for 7,294 meters to a point; thence a line runs N 78° E for 9,870 meters to a point; thence a line runs S 67° E for 12,059 meters to a point; thence a line runs N 15° E for 14,321 meters to a point; thence a line runs N 33° W for 8,191 meters to point on the Gwen Creek; thence a line runs along the Gwen Creek in the southern direction for 22,311 meters to a point; thence a line runs S 82° W for 13,583 meters to the point of Commencement, embracing 31,155 hectares of forest land and NO MORE.

AERIAL MAP OF THE GBI COMMUNITY FOREST OF 31,155 HECTARES



CONTRACT OBJECTIVES

The basic business objectives for which LTTC, Inc. wishes to engage in logging and wood processing activities in Liberia are but not limited to the following:

- To contribute to the national social and economic development initiative by investing in the forest industry and to conduct a sound environmentally – friendly logging, processing, value – adding and marketing operation in Liberia;
- To adapt appropriate management techniques and practices which have the potential to Reduce Timber Harvest Impacts and enhance profitable and efficient operation.
- To implement best management and silvicultural practices that will enhance regeneration of the forest, secure sustainable flow of timber products, conserve and perpetuate under – represented forest community types and create wildlife habitats; and
- To improve timber harvesting, processing and utilization for increased production and revenue generation through appropriate technologies.

CONTRACT DURATION

The contract duration shall be for a period of fifteen (15) years.

CHAIN OF CUSTODY SYSTEM

In keeping with section 13.5 of the National Forestry Reform Law of 2006 and sections (1-35) of FDA Regulation 108-07, the Chain of Custody System will apply during the life span and implementation of this contract. The system so established for the tracking of logs, timber and wood products from forest to processing and then to domestic or foreign market shall be managed by SocieteGeneral de Surveillance (SGS) using SGS/Helveta equipment and software as provided for by section 3.2 (3) of the Chain of Custody System Management Contract of 2007

LAND RENTAL & STUMPAGE TAX

Consistent with section 6.5 of the Community Rights Law of 2009, the Community or any company charged with the responsibility of managing the community Forest shall pay land rental as specified in the Community Forest Law Regulation.

OTHER FEES & GOL TAXES

All other fees and GOL taxes levied on the concession shall be consistent with the Revenue Law of Liberia and FDA Regulation.

ENVIRONMENTAL ISSUE

The Authority shall ensure that the Company maintains environmental quality of the cutting area and comply with other conditions consistent with the Liberia Code of Forest Harvesting Practices to include:

- a. Water course protection
- b. Erosion prevention
- c. Prevention of pollution of rivers, streams and other waterways by disposal of wastes
- d. Prevention of fire disaster

The operation shall also be in conformity with international conventions to which Liberia is a party. They include: The Convention on Biodiversity, the International Tropical Timber Agreement, the United Nations Framework Convention on Climate Change, the United Nations Convention to Combat Desertification, the Convention on International Trade in Endangered Species and the RAMSAR Convention on Wetland Management.

GENERAL FRAMEWORK

COMPANY'S PROFILE/ HISTORY

Brief History

LTTC, Inc. is one hundred percent Liberian owned and a registered business entity under the corporate laws of the Republic of Liberia. LTTC, Inc. has been legally registered with the various regulatory entities of the government for sustainable investment in the Liberia Forestry Sector. Therefore, LTTC, Inc. can engage in any lawful activities for which a corporation is organized under the Business Corporation Act of 1976.

The Management Team of the company has vast experience in Business Management and versatile in the logging business.

The company owns and operates a central office within the City of Paynesville, Liberia. The company is governed by a Board of Directors as shown in the below Table.

TABLE B: NAMES AND POSITIONS OF THE BOARD OF DIRECTORS:

NO.	NAME	POSITION
1.	Nyunnyun J. Toweh	Chairman
2.	Nunah Gblorzou	Member

SHAREHOLDERS AND THEIR PERCENTAGE OF SHARES:

The Shareholders and their percentage of shares of Liberia Tree & Trading Company, Inc. are given in the Table below:

Table C: Shareholders and their percentage share:

No.	Name	Percentage (%) of Share
1.	Nyunnyun J. Toweh	65
2.	Nunah Gblorzou	15
3.	Outstandsing	20
	Total	100%

LABOR REQUIREMENTS:

Qualified and competent labor force forms the basis of every successful production operation. As a potential Liberian business entity in the forest industry sector, LTTC, Inc will endeavor to employ qualified and competent Liberian workforce for the achievement of its business objectives.

It is anticipated that the initial permanent workforce of 120 will be increased by ten percent (10%) within the first five (5) years of operations depending on the volume of work to be done.

As a Liberian owed business entity, there is no immediate intention to employ expatriates on a large scale as long as Liberians are available and qualified. Moreover, LTTC, Inc intends to train young Liberians in various specialized areas in logging and wood work as a contribution to the human resource development program of the country as well as contributing to Government's Agenda for Transformation (AFT).

TABLE D: SHOWING INITIAL PERMANENT WORKFORCE OF THE COMPANY

No.	Position	Local
1.	General Manager	1
2.	Senior Managers	4
3.	Junior Managers	9
4.	Senior Officers	11
5.	Technicians	20
6.	Skillful Workers	25
7.	Unskillful Laborers	50
TOTAL		120

TABLE E: LOGGING EQUIPMENT AND MACHINERY

No	EQUIPMENT MACHINE	MODEL	QTY	YEAR PURCHASED	YEAR PURCHASES	
					COMPANY	LEASE
1	BULLDOZER	Cat D6	3	2001		YES
2	BULLDOZER	Cat D7	2	2001		YES
3	BULLDOZER	Cat D8	1	2001		YES
4	Skidder (545)	Cat 545	3	2003		YES
5	Grader	Cat 950B	2	2002		YES
6	Logging truck	Renault 320	6	2004		YES
7	Stacker	Cat 930E	1	2000		YES
8	Wheel Loader	Cat 966B	2	2001		YES
9	Load bed	Renault 340	2	2004		YES
10	Fuel tank	Renault 340	2	2004		YES
11	Generator(75 KVA)	Perkins	3	2006		YES
12	Pick – up(Double Cabin)	Nissan	4	2007		YES
13	Pick – up(Single Cabin)	Nissan	6	2007		YES
14	Power Saw	Sthil 070	10	2007		YES
15	Welding Machines	Hobart	2	2007		YES

TABLE F: WOOD PROCESSING AND VALUE-ADDITION EQUIPMENT

NO.	MACHINE TYPE	QUANTITY
1..	Kaniel Sawmill	1
16	Static Machine	1
17	Wood Working Machines	1
18	Kiln Dryer	2
19	Generator 30 KVA	1

SOCIO-ECONOMIC SITUATION/BACKGROUND

The economic and construction activities are limited in the Gbi Community. Majority of the population living in and around the Community contract area is engaged in traditional agriculture (oil productions, hunting, and other cash crops). Other economic activities are fishing, Arts and Crafts, and gold mining.

SOCIAL AGREEMENT WITH AFFECTED COMMUNITIES

FDA Regulation 105-07 defines an Affected Community as:

"A community comprising of less than a statutory district (including chiefdoms, clans, townships, towns, villages, and all human settlements) whose interests are likely to be affected by operations carried out under a Forest Resource License. "Interests" for purposes of this definition may be of an economic, environmental, health, livelihood, aesthetic, cultural, spiritual, or religious nature".

AFFECTED COMMUNITIES OF GBI

There are 11 towns that make up the Gbi community are: Freeman, Geio, Zarwulugbo, James, Glahn, Nigeya Zeewroh just to indicate a few.

The Memorandum Of Understanding (MOU) defines the roles and responsibilities of the company and the Affected Communities. It provides the mechanism for access and benefit sharing. The Management of LTTC through the people of Gbi District entered into a Social Agreement to achieve the following objectives:

- Establishment of a Code of Conduct relative to the rights and responsibilities of the company and Affected Communities; and
- Establish the benefits and access rights for all Affected Communities within the community forest contract area.

HEALTH AND SAFETY

The Management of LTTC has put in place the necessary framework to provide basic social services for the community people. Operators of all machines and equipment will be provided with the required safety gears as provided for in the Liberia Code of Forest Harvesting Practices.

FOREST INFRASTRUCTURE

Access road to the Gbi Community Forest will be rehabilitated, while new ones will be constructed based on our harvesting schedule to facilitate easy haulage of round logs to landings. The planned road network will be constructed on schedule.

CONCLUSION

This Five-Year Forest Management Plan is the first that the Management of Liberia Timber and Trading Company, Inc has produced to fulfill its contract obligation and as a guide for five years during its logging operations in the Gbi Community Forest. The Company will ensure that the inhabitants of Gbi District are consulted on a regular basis to solicit inputs before development projects are approved and implemented for their benefit.

The company will strive to contribute in providing some basic social services, such as clinic, school, farm-to-market roads, safe drinking water and sanitation facilities for the benefit of workers, the inhabitants of the district and other users of the facilities.

An update of this 5-YFMP will be prepared at the end of the first five years and submitted to FDA as required.

Matrix A: Activity Forecast/Implementation Chart

APPENDIX II

Matrix B :Planned Schedule of Logging Activities

[illegible]

[illegible]

APPENDIX III

Matrix C: Planned Schedule of the other activities during the logging seasons.

Activity	Quarters of year 1				Quarters of year 2				Quarters of year 3				Quarters of year 4				Quarters of year 5			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Demarcation of forest compartment boundaries																				
Demarcation of Annual Coupes boundaries																				
Main road network																				
Pre-harvesting enumeration																				
Submission of AOP																				
Logging activities																				



Forestry Development Authority

Whein Town, Mt. Barclay

P.O. Box 10-3010

1000 Monrovia 10, Liberia



Annual Harvesting Certificate

This is to certify that

Gbi Community Forest

Having successfully satisfied the Pre-felling Requirements and Guidelines for Community Forest Management according to the National Forestry Reform Law, 105-07 of the Ten Core Regulations and Chapter 1, Section 4 of the Community Rights Law Regulations, which include the: **FULL SATISFACTION OF AREA & CONTRACT ADMINISTRATION FEES, SUBMISSION OF: PERFORMANCE BOND & ANNUAL OPERATIONAL PLAN, the COMPLETION OF BOUNDARY LINE DEMARCATION and ENVIRONMENTAL PERMIT**, is hereby issued this Annual Harvesting Certificate for Community Forest Management, For One (1) Year, beginning September 14, 2014-September 15, 2015, situated in Nimba County - **LIBERIA**.



Signature:

Harrison S. Karnwea, Sr.

Managing Director



Office of the Managing Director

REPUBLIC OF LIBERIA
FORESTRY DEVELOPMENT AUTHORITY (FDA)

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MD/150/2022/-2

April 1, 2022

Madam Nyunyun Johnson Toweh
President/CEO
Liberia Tree & Trading Company Inc. (LTTC)
Republic of Liberia

Dear Madam Toweh:

The Management of the Forestry Development Authority extends compliments and acknowledges receipt of your communication dated March 29, 2022, requesting Management's approval for your continual harvesting in Compartment 1 of the Gbi Authorized Community Forest. You enumerated challenges that resulted in your delayed movement within your current Compartment, your interest in continuing to harvest the third annual coupe, and your desire to carry forward the ten blocks in the Compartment.

Considering that your request is based on continuing your operations that the Ebola and COVID 19 global health crisis impacted by disrupting the sequential harvesting of Compartment 1 as planned, we approve your request for harvesting AOP 3 within the mentioned Compartment 1. However, note that Compartment 1 shall be closed upon completing your AOP3. No re-entry will be allowed that is not consistent with the Code of Forest Harvesting Practice and the Guidelines for Forest Management Planning.

You are advised to ensure that all future harvesting is sequential within the remaining Compartments. Thanks for your understanding.

Sincerely yours,

[Signature]
C. Mike Doryen
Managing Director

[Signature]
CMD/JJT/wbp

April 29, 2022