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REF: MD/141/2019/-1

November 9, 2018

Mr. Jihad Y. Akkari **General Manager** Euro Liberia Logging Company Old Road, Congo Town Monrovia, Liberia

Dear Mr. Akkari:

The Management of the Forestry Development Authority extends compliments and writes to inform you that after a thorough review of **Five Years Forest Management Plan 2018/2019** by the joint technical team comprising of the Commercial Forestry Department, Community Forestry Department, Conservation Department, Legality Verification Department (LVD), and Research and Development Department (R&D), we hereby approve said Plan having met all basic requirements.

These requirements, which include completeness, accuracy, and quality of information of the Plan, are prescribed in the Templates formulated by USAID/PROSPER from the FDA Guidelines for Forest Management Planning in Liberia and the Ten Code Regulations.

Therefore, Management anticipates full compliance in the implementation of this Plan, as we strive to ensure sustainable Forest Management in Liberia.

Kind regards.

Sincerely yours,

C. Mike Doryen
MANAGING DIRECTOR

c: DMD/Adm. & Finance DMD/Operations

TM/Commercial

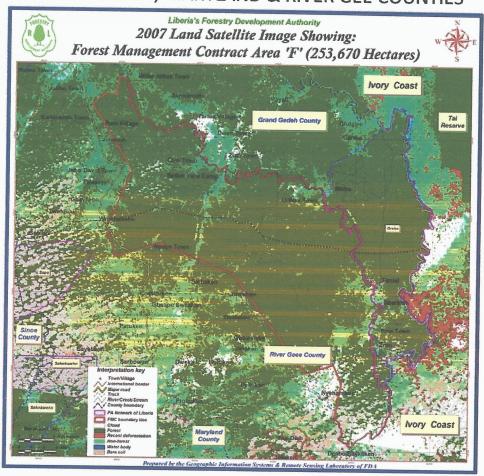
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CMD/JJT/JGY/PKJ/stb

# ELECTIFICATION OF COMPANY

FIVE YEARS FOREST MANAGEMENT PLAN FOR

FOREST MANAGEMENT CONTRAC AREA 'F'
GRAND GEDEH, MARYLAND & RIVER GEE COUNTIES



**SUBMITTED TO: FORESTRY DEVELOPMENT AUTHPRITY** 

WHEIN TOWN

BARNARD FARM, PAYNESVILLE

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## **ACRONYMS**

CF Community Forest

AOP Annual Operational Plan

FDA Forestry Development Authority

ELC Euro Logging Company

Ha Hectare

RIL Reduce Impact Logging

SFMP Strategic Forest Management Plan

5-YFMP Five-Year Forest Management Plan

CA Contract Area

DCL DBH-Cutting Limit

NTFP Non-Timber Forest Product

AC Annual Coupe

FC Forestry Compartment

CFDC Community Forestry Development Committee

CITES Conversion on International Trade of Endangered

Species

NFRL National Forestry Reform Law

#### **EXECUTIVE SUMMARY**

Euro Liberia Logging Company is a European owned forestry business entity incorporated in keeping with the business Law of the Republic of Liberia and has been licensed to operate in the forest sector of the national economy. To demonstrate the company dedication and commitment to operate within the framework of the laws, rules, regulations and guidelines concerning sustainable forest management, about 98% of the pre-felling requirements have been met. All of these planning activities were made in accordance with the Code of Forest Harvesting Practices and are intended to significantly reduce both operational costs and the environmental impact of logging activities.

Contract Area "F" is constituted by 253.670 hct of forest with the following delimitation: to the east the Dube River until the latter rejoin, in the concession's southeast part, the Cavalla River which here is also the border between Liberia and Ivory Coast; to the west the concession runs along the road that from Swedro heads south-east to Harper'.

The development of this five-year Forest Management Plan (5-YFMP) of is to provide detailed description of 5-year logging activities to be undertaken in the tract of forestland located in Grand Gedeh, River and Maryland counties within the Republic of Liberia.

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

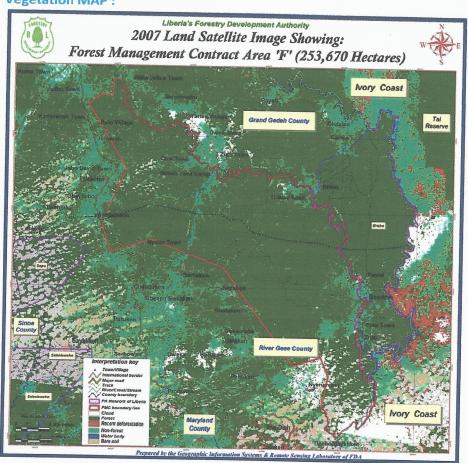
The plan contains maps and tables indicating the locations and boundaries of the forest compartments and the results of the inventory conducted in the forest in the contract forest areas.

The **Plan** also shows the partition of annual coupes in the first forest compartment and operational activities in the contract area. However, the plan shall be subjected to modification during the preparation of the next five-year forest management plan where required.

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

8º06'27.33"W); thence a line runs N 5º E for 4,920 meters to a point (5º55'38.39"N-8º06'11.77"W); thence a line runs S 76º E for 2,136 meters to a point on the Dube River (5º55'21.35"N-8º05'04.09"W); thence a line runs along the Dube River in the Southeastern direction for 173,000 meters to a point (5º19'51.44"N-7º30'54.08"W); thence a line runs Due South for 4,167 meters to a point (5º17'36.54"N-7º30'54.08"W); thence a line runs Due East for 1,003 meters to a point (5º17'36.54"N-7º30'21.49"W); thence a line runs Due South for 6,058 meters to a point (5º14'19.46"N-7º30'22.45"W); thence a line runs Due East for 1,062 meters to a point (5º14'19.57"N-7º29'48.00"W); thence a line runs Due South for 2,955 meters to a point (5º12'43.91"N-7º29'48.96"W); thence a line runs Due East for 2,801 meters to a point on the Cavalla River (5º12'41.99"N-7º28'16.94"W) which forms the boundary between Liberia and Cote d' Ivoire; thence a line runs along the Cavalla River in the Southern direction for 22,684 meters to the confluence of the Cavalla River and the River Gbeh; thence a line runs along River Gbeh in the Northwestern direction for 13,250 meters to a point of commencement (5º08'36.57"N-7º35'49.36"W), embracing Two Hundred and Fifty Three Thousand Six Hundred and Seventy (253,670) hectares of forest land and no more.

## **Vegetation MAP:**



#### **DOCUMENT RECORD SHEET**

#### TABLE A:

Description	Information	
Address of Contract Holder	Congo Town, Old Road, Monrovia, L I B E R I A 0880712510	
Contract Reference	FMC Area "F"	URO LIBER
Contract Effective Date		JURO .
Five-Year Forest Management Reference Number	5-YFMP #02	
Date of Submission to FDA for Approval	22-October-2018	TEN MENTE
Date of Approval by FDA	12-October-2018 NOV-9-2018	18/
Signature	Managing Director	Og Jon, Linberton

#### **TECHNICAL DESCRIPTION OF THE AREA**

#### **General location**

Forest Management Contract area "F" lies within Latitudes 5º6'0" - 5º4'0" North of the equator and Longitudes 7º30'0" - 8º6'0" West of the Greenwich meridian and it is located in Grand Gedeh and River Gee Counties, Southeastern Liberia

#### **Metes & Bounds**

Starting from the town of Matuwakeh, (5º11'21.81"N - 7º40'55.60"W) thence a line runs S 62º E for 10,706 meters to the point of COMMENCEMENT near River Gbeh. (5º08'36.57"N-7º35'49.36"W); thence a line runs N 11º E for 8,509 meters to a point (5º13'05.91"N-7º34'57.58"W); thence a line runs N 23º W for 5,349 meters to a point (5º15'45.32"N-7º36'04.75"W); thence a line runs S 72º W for 7,679 meters to a point (5º14'28.34"N-7º40'02.51"W); thence a line runs N 36º W for 31,945 meters to a point (5º28'25.51"N-7º50'12.76"W); thence a line runs N 69º W for 20,610 meters to a point (5º32'23.34"N-8º00'38.28"W); thence a line runs S 73º W for 11,280 meters to a point (5º30'39.29"N-8º06'29.33"W); thence a line runs N 16º W for 7,927 meters to a point (5º34'41.36"N-8º07'41.67"W); thence a line runs N 23º E for 15,918 meters to a point (5º42'34.89"N-8º04'17.42"W); thence a line runs N 51º 30' E for 4,514 meters to a point (5º53'22.51"N-8º07'54.21"W); thence a line runs S 76º E for 2,730 meters to a point (5º52'59.86"N-

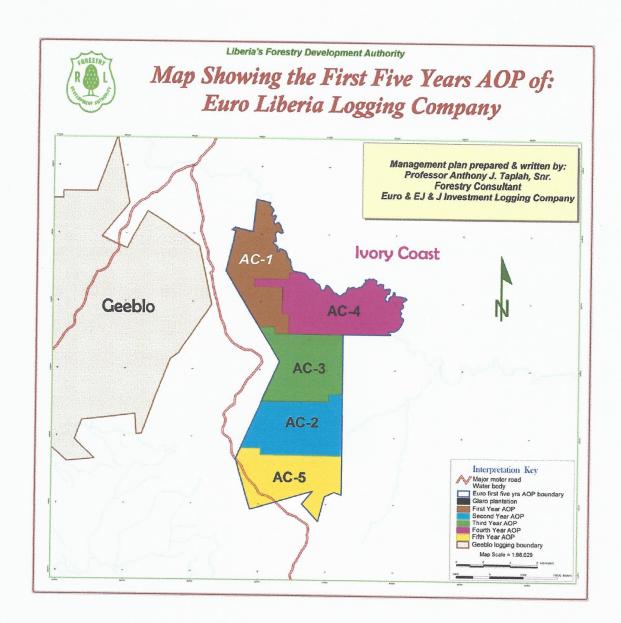
## **CONTRACT OBJECTIVES:**

The Contract Objectives for the management of the Euro Logging shall include but not limited to the following:

- a. To harvest merchantable tree species from 253,670 Hectares of a tract of land of Forest;
- b. To ship round logs and processed timber;
- c. To create alternative uses of the tract of land after harvesting of trees; and
- d. To create employment for locals in the contract area and surrounding towns and villages.

## Management Units on the Annual Coupe of the five years plan

Land Cover Type	Surface Area (hectare)	% of the Total Area
Primary/High Forest	199,648	78.71
Low Forest/Low Bush	18,642	7.35
Agriculture	27,248	10.75
Multiple Sustainable Use	6,224	2.46
Protected Zone	1,908	0.76
TOTAL	253,670	100



#### **CONTRACT DURATION**

The contract duration shall be for a period of twenty (25) years.

## WOOD PROCESSING FACILITY:

In keeping with its contract terms and condition, Euro Logging Company has brought in country its wood processing equipment **called AWMILL.** Model of the Sawmill is PRIMULTINI 1600. It is Italian made. The main saw in the mill is Vertical and the processing plant will have a lot of accessories such as ripping saws and tables, rollers carriers, cross cutting saws, saw doctoring shop, and other accessories and power plants AND WHEEL LOADERS AND HYDRAULIC LIFTS MACHINERIES.

The processing capacity of the sawmill range between 1000-2000 Cubic meters input and 500-850 cubic meters output. Euro Logging is going to employ additional 65 – 125 persons in the category of skill and unskilled to work in the mill. The company will use Xyliform to treat of wood products. The chemical will be dissolved in water in a basin where the saw timber bundle will be dipped for few minutes and lifted above the same basin to dry and then stored, the basin is always tapped with water as the dipped wood is porous and consumes the product gradually from the basin. We are going to environmentally cautious as we proceed with our operations. In fact, an environmental & social impact assessment has been done and Euro Logging has obtained a permit from the Environmental Protection Agency; Workers Camp, sawmill Layout and other construction are presently going on in Duo Town Grand Gedeh County.

## **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 be applied 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 Societe' Generale 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 the National Forestry Reform Law of 2006, the company shall pay land rental as specified in the ten code regulations.

## **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 ISSUES**

Euro Logging will maintains environmental quality of the cutting area and comply with other conditions consistent with the Liberia Code of 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

# **Description of the Physical Environment:**

Soil Erosion

Local communities are engaged in alluvial gold mining in the rivers, streams and creeks within the contract area; thus soil erosion is common along the banks of these rivers, streams and creeks.

#### Water

## **Aquatic Environment**

The Contract Area is drained by a number of seasonal streams and rivers which run from the north to the northeast and then to the southeast through the south of the project area. The seasonal streams and rivers flow in a number of directions. The project area also commence at River Gbeh along the Dugbe River in the Southeastern direction. The Debe creek which runs east of the Putu mountain range empties in the Dugbe River and the Cavalla River which forms the boundary between Liberia and Cote d' Ivoire.

There are two major water bodies (Dube River and Debe Creek) that run for a long distance from the North through the South-western part of the area.

Most of the water bodies of Contract Area "F" are devoid of major chemical pollution problems. This may be attributed to the fact that the river courses are largely undisturbed by such activities as artisanal mining or any intensive fishing. Although used as a source of potable water by settlements located along their banks, concentrations of indicator microorganisms show that the surface-waters of the project Area are contaminated by both total and faecal coli forms and hence not fit for human consumption without prior treatment.

Management recognizes the three types of water crossing (bridges, culverts or pipes, and fords); everything will be done to ensure that watercourses are crossed at right angles according to the Code of Forest Harvesting Practices.

## **Biological Environment**

#### a) Fishes

It is a known fact that logging operations does not destroy the fishes; however, constant run-off of water may increase sedimentation. The fish survey was conducted by collecting information from residents from 8 towns within the project area. Reports indicate that the locals carry on small scale fishing activities using hook lines, baskets and nets made from piassava and palm tree products. Some live samples of fish were observed during the survey. Data collected on fish and other aquatic animals were recorded on the data sheets. Anecdotal evidences from several residents in the area indicate that in the dry weather more fishes are seen since the water flow is reduced considerably and fishes either move to lower ground or are stranded in shallow narrow pools. The types of fishery observed in the area are indicated in Table below as follows:

# List of Fishes Found in the Waters of FMC-F

Family	Scientific Name	FB Name	Name	Status
Alestiidae	Brycinus nurse	Nurse tetra		native
Cichlidae	Chromidotilapia guentheri guentheri	Guenther's Mouthbrooder		native
Bagridae	Chrysichthys nigrodigitatus	Bagrid catfish	Per de la constante de la cons	native
Clariidae	Clarias laeviceps laeviceps	Catfish		native
Clariidae	Clarias salae			native
Anabantidae	Ctenopoma kingsleyae	Tailspot ctenopoma		native
Citharinidae	Distichodus rostratus	Grass-eater		native
Lutjanidae	Lutjanus dentatus	African brown snapper		native
Malapteruridae	Malapterurus electricus	Electric catfish		native
Synbranchidae	Monopterus boueti	Liberian swamp eel		native
Channidae	Parachanna obscura	Snake-head		native
ichlidae	meianotheron	Blackchin tilapia		native
chilbeidae	Scriibe mystus	African butter catfish		native
ichlidae	mupiu Ziiiii	Redbelly tilapia		native

#### Wildlife

The EIA conducted revealed a number of wildlife species, including mammals, birds, some of which are protected.

## Herpetofauna

These animals are found both on land as well as in water, and representatives were noticed during the survey. Anecdotes by residents attest to a rich population of herpetofaunal species in the area. A few small sized lizards were encountered on the site grounds. Tadpoles were not seen but it is expected they do occur in season. The specimens seen were crawling across trails or on trees, basking in the sun, feeding or hopping away. The list below summarizes the herpetofauna encountered in the area or those for which information was provided:

## **Common Names of Herpetofauna**

## Amphibian:

Some amphibians found in the area are Spring frog and Toad Frog.

## Reptiles

Riptiles noticed in FMC-F are Lizard (brown/green), Cassava snake, Black snake, Brown lizard, Boa constrictor and Long-snouted crocodile----Crocodylus cataphractus.

#### **Invertebrates**

Most of the invertebrates recorded during the assessment were moths, butterflies, ants, beetles, and the abundance of mosquitoes. Other Arthropods were seen including the millipede and the centipede. Anecdotal evidence from residents indicates that many invertebrates exist in the area.

#### **Birds**

Residents within project localities were also interviewed on the type of birds species found within their areas. The help of a field guide identified several bird species during the survey. Birds were observed at forest canopies along the riparaian zones, in forest communities and on low lying native grasses as well as the floor of the Contract Area "F". List of various species of birds identified include:

- Yellow-Throated Tinkerbird
- Yellow-Spotted Barbet
- Vieillot's Barbet
- Crowned Eagle
- White Crested Tiger Heron
- White Faced Whistling Duck

- African Fish Eagle
- Palm-Nut Vulture
- Ahanta Francolin
- African Pied Hornbill
- Black Casqued Hornbill

#### **Mammals**

Information was gathered on significant mammalian Families identified during the survey. They were both heard of by the researchers and observed or their tracks were observed especially early in the mornings. The unmistakable calls of some of these latter mammals were seldom heard in the area. Additionally, second hand information gathered from the local population form the basis of the survey, as well as observation of their foot tracks, fecal droppings and killed bush meat observed in the markets and project communities. Several traps were observed in the farms and forest areas. Some mammals found in FMC-F are given above in TABLE 12, found on Pages 44-45 of this document.

## **Protected Species**

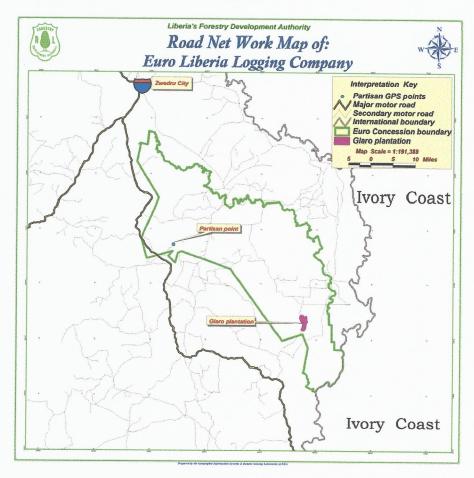
In reference to the listing of the protected species of Liberia forest sector, the team discovered evidence of threatened or endangered animal species during the survey. Most of these species were either seen by the team, noticed and killed by several hunters interviewed or were identified by its dung. The following are protected species within the FMC-F terrain; these are:

- 1. Water Chrevotain, locally known as "Water Deer"
- 2. Elephant----Loxodonta Africana
- 3. Zebra duiker---Cephalophus zebra
- 4. Pygmy hippopotamus---Choeropsis liberiensis
- 5. Black Duiker----Cephalophus niger
- 6. Royal antelope, locally known as "Foolish Deer"
- 7. Eagle and other prey

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.

# The Main and Secondary Roads within the Annual Coupe:

In logging, we know that roads are essential feature of forest harvesting. Accordingly, there is a main road entering into the Annual Coupe of the Contract Area from the Zwedru-Harper Highway. The secondary roads have been designed according to sound environmental engineering practices in line with the Code of Forest Harvesting Practices. These secondary forest roads are designed to provide access to the first forest compartment, connecting feeder roads and log landings to the primary roads.



## **Description of Landing and Skid Trails**

## Landings:

Management has taken into consideration that our landings will be 250m to 1000m apart; they will be constructed according to specifications as specified by the Code of Forest Harvesting Practices. The landings will be 40m X 50 m in size; each one will not exceed o.8 ha per unit area of 100 ha, l. e. four (4) landings per square kilometer block.

## Skid Trail:

All of our skid trails will approach the landings from below to avoid directing runoff of water to the landing as per the Code. These skid trails are meant for the CAT Skidder to transfer the felled logs from stump site to the landings. They will be designed and marked according to the

Code. The trails have a width of 4 m and will be marked before the start of the felling operation in an effort to assist the feller in determining the direction of fall.

#### LABOR REQUIREMENT

Recruitment and employment by the company shall be consistent with the Labor Laws of Liberia and International Labor Organization. The company Management Team comprises of qualified individuals with vast experience in the areas of logging, marketing, and administration amongst other areas.

In consideration of our planned work schedule, the company will initially recruit 120 work force for sustainable management in the forest sector.

BREAKDOWN OF THE ACTUAL NUMBER OF EMPLOYEES OF ELLC

NUMBER	DEPARTMENT/SECTION	NUMBER OF PERSONS	
1	Administration	20	
2	Accounts	5	
3	Technical	3	
4	Information Technology (IT)	1	
5 Enumeration Crew, Contractors		66	
6	Bush/Logging Operations	5	
7	Port Log Yard	2	
8	Transport	15	
9	CAT Operators	10	
10	Workshop	20	
	TOTAL	147	

#### LOGGING REQUIREMENT AND MACHINERY

The required equipments and types of machines have been acquired for use during felling, haulage, cross cutting, extraction, bucking and loading operations. The use of these equipment and machines will reduce logging impact on the forest ecosystem of the Contract Area , thereby achieving the objectives of the company in order to reduce logging impact on the forest ecosystem and biodiversity.

TABLE E: REQUIRED FOUIPMENT AND MACHINERY

DESCRIPTION	QUANTITY
Cat D-7 Bulldozer	5
Cat 120 Motor Grader	1
966 Front-End Loader	1
Cat 528	3
Electric Generator	3
Chainsaw	16

Load Bed trailer	2
Fuel Tanker	1
4-wheel drive jeep	2
Pickup	6
Land Cruiser Jeep	1
Log Trucks with Trailers	14
Dump Trucks	1
Labor Truck	2

# **SOCIAL AGREEMENT and 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".

The Social Agreement defines the roles and responsibilities of the company and the Affected Communities .It provides the mechanism for access and benefit sharing.

The Management of the company through the people of the CFDC will enter 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.

# 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".

Table 14: Affected Communities in and around the Contract Area, FMC "F"

Affected Communities	Health Facility Functioning	Population _2003	X_COORD	Y_COORD
Air Field Town	N	875	624096.31065	639990.53720

Banglor	N	1250	654117.86209	627954.62755
Belleh Yalla Camp	N	375	619312.39595	632518.41876
Bilibo	N	475	642399.35224	625869.83773
Boley Town	N	400	622353.00730	635042.79079
Bowier Camp	N	50	599781.92956	630519.13195
Cow Town	N	495	603218.11426	654786.14677
Danedesa	N	60	626384.55727	634203.78760
Deabo Saykliken	N	1000	614734.21539	630086.54095
Dehyella(1)	N	550	643963.29465	628361.13393
Dogbeh Village	Y	2340	595954.20573	618967.05218
Dogbo	NA	NA	607067.27582	615391.31622
Doweh Town	N	150	621036.25832	643132.26329
Duo Town	N	375	620262.00502	634577.74858
Dweh Town	N	75	603311.18169	654079.84636
Faniel	Υ	5000	626782.33956	635205.17956
Freetown	N	400	668052.45631	596768.65477
Gbalaken	N	475	634464.74626	594127.15615
Gbaquah	N	4000	662916.46546	590964.06607
Gbarkleh	N	50	657369.77839	565795.56978
Gbibo	N	600	663870.56886	591028.27682
Gedeglor	N	475	666839.51862	586128.02914
Gerekaroo	Υ	5405	646724.87842	576218.26399
Glay Town	N	550	665093.84140	594348.55089
Golorpue	N	550	666430.11628	595821.40260
Harry David Camp	N	1000	665985.33054	588255.68469
Jalipo	NA	NA	630023.95003	598418.29368

James Toe village	Y	6000	647616.03375	576247.78277
Jarwon	N	1000	648773.57672	576633.91429
Jehwroh	N	1500	662532.46457	584174.88616
Jlatoken	NA	1000	662541.93673	605614.54503
Jolowaken	N	2305	653661.70725	571715.21017
Juwelpo	N	675	616897.60260	606993.48212
Karlorwreh Town	N	400	665184.25437	594993.43794
Kayilibo	Y	4500	664343.48851	598923.51527
Klibo-jahloken	N	540	654425.65406	560414.23249
Klibo-Jiploken	N	3005	645687.28923	577838.13375
Kuma-Village	N	405	655192.24201	570392.80363
Leopard Town	N	390	594163.31377 22	617366.94591
Manklah	N	640	13.58719	589047.37043
Mantuwah	N	1750	638392.60154	591124.34602
Nyegba	Y	1125	636676.21260	592120.39267
Nyoun Town	N	180	654528.79432	568084.81809
Pennoken	N	375	654629.35646	570768.61935
Polo Village	N	1245	655979.47871	568324.61991
River Gbe Camp	N	465	657631.69232	560645.65534
River Gbe Estate	N	500	666776.44850	587451.49397
Sala	N	400	663363.50281	602703.96123
Sartilaken	N	1000	667028.19285	602661.05103
Sarward	N	375	653314.24506	581026.79743
Solo Camp	N	35	654306.99531	573188.33319
Soloblo	N	400	595829.77009	617723.14429
Tarwarken	N	275	608749.83764	610056.41243

Thomas Village	N	315	613961.12078	608013.24583
Tohou	N	325	610501.89943	609011.24117
Tonkehn	N	1500	617955.26146	645801.94966
Torroken	N	100	618897.10594	644842.96381
Tuglor Town	N	3000	619907.58774	643905.12540
U-Way Town	N	1250	623891.16429	633358.59733
Varglor	N	35	625819.17388	632825.04925
Willie Jellue Town	N	250	618003.28895	631983.07690
Worlarbo Village	N	750	613572.46593	630096.62637
Wrabo	N	500	612762.63914	631503.70817
Wrehbokehn	N	750	610660.08908	629957.73963
Wulu Town	N	250	611759.33566	628953.57300
Yarlee Village	N	75	649142.13403	630416.34708
Yasakehn	N	360	646688.91730	626026.53697
Youboken(2)	N	50	596433.45542	617703.02971
Youbor	N	110	599829.64957	637496.32682
Zarr Town	N	45	600494.91870	641790.24432
Zeah Village	N	195	592879.66127	642449.56098
Ziah Town	N	230	592563.61376	644283.17254
Zroo	N	165	596629.18985	621637.92011

## **HEALTH AND SAFETY**

The Management of Euro Logging Company 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 roads to the Contract Area will be constructed, while new ones will be done based on our harvesting schedule to facilitate easy haulage of round logs to landings. The planned road network will be constructed on schedule. See Appendices 1-3 for Activities forecast/implementation chart.



## CONCLUSION

This Five-Year Forest Management Plan is in fulfillment of one of Euro Logging pre-felling requirements under its contract obligation. The Plan will guide the operations of the company for the next five years of logging activities.

The Company will ensure it fulfill its obligations in the form of taxes to Government, delivery of social services (clinics; schools, farm-to-market roads, safe drinking water and sanitation facilities) to the affected communities and observes all environmental & Biological concerns; the company will consult on a regular basis with the leadership of the CFDC to solicit inputs before development projects are approved.

Euro Logging Company is poise to update this plan depending the variable that may arise during operations.