

# **YANGLEYKHA COMMUNITY FOREST MANAGEMENT PLAN (1<sup>st</sup> Revision)**



<b>TOTAL AREA:</b>	<b>55.4 HECTARES</b>
<b>NO. OF H/H:</b>	<b>15</b>
<b>VILAGE:</b>	<b>MAJUWA</b>
<b>GEWOG:</b>	<b>PHUNTSHOLING</b>
<b>DZONGKAG:</b>	<b>CHUKHA</b>

**Plan period: December 2022 to November  
2032**



DOFPS(SFED)(SFS)/22/2022-23/291 Dec 20, 2022  
Approval Sheet

## APPROVAL SHEET FOR COMMUNITY FOREST MANAGEMENT PLAN

Name of Community Forest	Yanglaykha Community Forest	Yangleykha CF
Village	Majuwa	Majuwa
Chiwoq	Lingden	Lingden
Gewog	Phuentsholing	Phuentsholing
Dzongkhag	Chhukha	Chhukha
Production area (Hectare/Acre)	0	
Protection area (Hectare/Acre)	0	
Total Community Forest Area (Hectare/Acre)	55.4 (136.90 acres)	55.40 ha.
Total CFMG Member (No. of HH)	15	15

## Prepared and Submitted for Approval

	Community Forest Management Group	Forestry Representative (CFMP facilitator)	Gewog Administration	Social Forestry Section	Divisional/Park Office
Signature					
Name	Gayshing Lepcha	Nima Gyeltshen	B.B. Rai	Pema Gyeltshen	Pema Wangda
Title	Chairperson	Sr. Forest Ranger I	GUP	Head	Chief Forestry Officer

## REVIEWED and RECOMMENDED FOR APPROVAL

Signature		
Name	T.B. Rai	Chief Forestry Officer
Title	Focal Officer	Chief Forestry Officer
DIVISION	Social Forestry and Extension Division	Social Forestry and Extension Division

APPROVED BY:

Director  
Department of Forests & Park Services  
Ministry of Culture & Forests  
DIRECTOR/DIRECTOR GENERAL  
DEPARTMENT OF FORESTS AND PARK SERVICES

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**ACRONYMS**

AAC.....	Annual Allowable Cut
AD.....	Annual Demand
AHL.....	Annual Harvesting Limit
CF.....	Community Forest
CFMG.....	Community Forest Management Group
CFMP.....	Community Forest Management Plan
CFO.....	Chief Forestry Officer
DoFPS.....	Department of Forest and Park Services
FNCRR .....	Forest and Nature Conservation Rules and Regulations 2017
FO.....	Forest Officer
HH.....	Household
Nu.....	Ngultrum
RO.....	Range Officer
SFED.....	Social Forestry and Extension Division
SRF.....	State Reserved Forest



## **SUMMARY**

The Majuwa is a village under the Phuentsholing Geog in Chukha Dzongkhag. It consists of 15 households. It is located to the north of Phuntsholing town which is three hours journey. All 15 households have willingly joined to form Yanglaykha Community Forest Management Group. The Yanglaykha Community Forest has total area of 55.4 ha (136.89 Acres).

The forest type is Sub-tropical forest with Lampathey and khair as dominant species. There are other species such as Siris, Champ, Simal, Parari, Chukrasiatabularis, etc.

The Community Forest has been incepted to be governed and guided by following objectives set by the CFMGs:

1. Prevent and control collection of forest products by the outsiders in future
2. Ensure sustainable timber production
3. Harvesting and sale of excess timber and khair for income generation
4. Collection of River bed material for consumption and sale for income generation

To meet the above objectives the CFMGs have also agreed and came to consensus to carryout silviculture activities such as Cleaning, Weeding, Thinning, Pruning, Protection of illegal activities, Protection of wildlife and sale of excess timbers and NWFPs in future.

The basal area Calculated is 6 M<sup>2</sup>/ha. While comparing the present status of forest stock with total annual demand, it is justified that the Community Forest is not in the position to meet the demand, and community has to depend on Government Reserved Forest for first 10 years. This is because most of the productive trees for Drashing are in pole stage and lower part of the community forest is cover with khair trees.

During the 10 years plan period the communities have planned activities mainly aimed towards overall improvement of the forest designated as CF and generating community income. These include Cleaning and Weeding for the designated areas, Thining in congested areas, pruning of trees for improvement of tree quality, Protection of illegal activities both from members as well as outsiders, Protection of wildlife from killing, poaching and hunting and sustainable harvesting and marketing of khair trees for income generation.

The forest is also home for many wildlife species. Most common species found are Bear, Deer, Monkeys, Wild Pig, and Squirrels etc. Birds are Hornbill, Jungle fowl, kingfisher and many more. The communities will protect and conserve wildlife species by prohibiting killing in the CF.

## **SECTION 1; COMMUNITY FOREST MANAGEMENT PLAN**

### **1.1. Introduction**

The Majuwa village under Phuentsholinggeog is three hours walk from Phuentsholing town. The village originally consists of 15 households and all the 15 households have joined together to formed a group to manage the forest adjacent to their village. The Majuwa village came to existence due to the availability of the fertile and suitable agriculture land. The village initially was a makeshift settlement for the cow-herders of the Chimuna and Haa people. The name of village was given Majuwa meaning village is located between two rivers (Pachu and Chimuna Chu). The main income of the farmers is Mandarin and Ginger. The population of the village is 60 with 30 male and 30 females. The Community Forest is located at an altitude of 362masl and facing to the south – east slope.

The population of the chiwog had close interaction with the forest and its products from time immemorial. The forest provided the people in the village with forestry products such as timbers for construction, fuel wood, fencing posts, flag post and other minor Forest Products for their daily consumption. However, with increasing developmental activities and increase in human population the forest adjacent to their village started degrading due to increasing pressure on forest. With the increasing awareness from forestry sector on importance of managing and protecting forest, the community then decided to manage forest to generate community income and increase sense of ownership.

To ensure the feasibility and the success of the Community Forest, the Forest Range Office with technical support from the Divisional Forest Office carried out numerous site studies and planning process using PRA tools. The PRA activities were carried out closely involving the Yanglaykha Community Forestry Management Group with the financial support from SLMP. The guidelines provided by SFD were used as guiding tool to ensure the CF plan is prepared in accordance with FNCR.

The Community Forest have been incepted to be governed and guided by following objectives set by the CFMGs:

1. Prevent and control collection of forest products by the outsiders in future
2. Ensure sustainable timber production
3. Harvesting and sale of excess timber and khair for income generation
4. Collection of River bed material for consumption and sale for income generation



## 1.2. Community Forestry Boundaries

Boundaries	Describe the permanent features
West	Forest demarcated by Majuwa village following the ridge running south wards till Pachu (Toorsa r) iver
East	Is clearly demarcated by forest ridge running towards south till Toorsa river and also a boundary between Majuwa and Dovan village
South	Toorsa river
North	Majuwa - Bosokha traditional foot path

## 1.3. Location of Community Forest

The CF location in relation to its beneficiary settlements are given in the google map. The map showed the detail location of CF area.



Figure 1: CF Location Map

### 1.4. Land use map of CF

The land use map showing the total CF area of 40.20 ha with majority area covered with broadleaf forest.

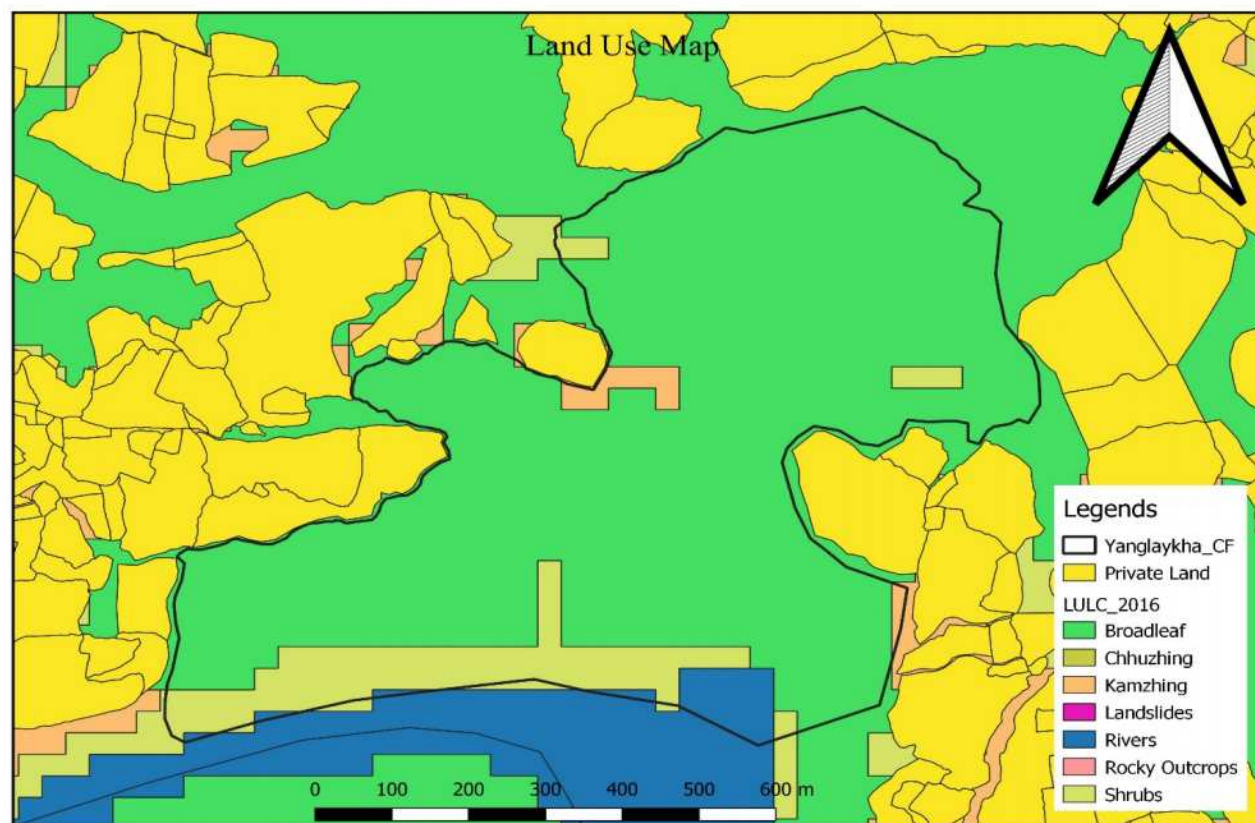


Figure 2: Land use map of CF

### 1.5. Social Information

	Descriptions by points
Name of the villages:	Majuwa
History of the village:	As narrated by one of the elder men, the village was once covered by thick forest. Two men from Tashidengkha village approached the government for land substitution and settled there. The land was very fertile for farming and use to produce good quality of orange and ginger but later people from the nearby village gradually moved in for settlement. The village is also once known as Yanglaybikha by Chimuna people due to good production of orange and pasture land for cattle. The forest near the village met all their requirements which mainly include grazing, construction and other minor forest products.

Ethenic groups with CFMG:	Homogenous (Lepcha)
Infrastructures:	Nil
Total Household (HH) number:	15
Total human Population of CF area:	60
Gender Status (Male and female):	Male =30 & Female= 30
Cattle population of the CF area:	200
Main crops:	Ginger and Maize
Cropping pattern:	Seasonal
Criteria for well-being livelihood:	Rich (Land > 5 acres, who own vehicles & Shop) Medium (land < 5 acres who does not own shop and vehicle)
No. HH (wealthy)	6
No. of HH (medium wealthy, if so)	6
Average annual income:	Nu./year 30,000/- to 100,000/-
If any add:	

### 1.6. Forest Information

The forest condition of Yanglaykha Community Forest is young with basal area 6 M<sup>2</sup>/ha. The forest is mainly composed of sub-tropical species with the most dominant species found as Khamari and Khair with species such as Simal, Chackrasey, Panisaj, Champ, Maina, Bamboo, Lamphatey and Seris occurring in lesser numbers. The general condition of the forest is open and but with few matured trees with very less regenerations. The community forest is kept as one block according to the forest condition and management needs.

The average slope gradient ranges from 10-40 degrees and the soil erosion inside the CF is very minimal due to thick vegetation cover. The forest has diverse species of both flora and fauna. The endangered species that are occasionally seen in the forest are tiger and leopard and horn bill etc.

The highly preferred species by the community for construction are Checkrasey, Khamari and Lamphatey but these species are not present in the designated Community Forest area. The community Forest Management group prefers Maina, Sinduri and Tanki as the fuel wood. Bamboos are mainly used for fencing the agriculture field. Beside bamboos, Pairari is also used for fencing since it is straight and available in the forest. The Community's preference for flag

posts is also Bamboo and the availability of such species are in abundant in the forest. The bamboos will be able to meet the demand for fencing posts as well as flag posts.

Table 1: Forest Resource Assessment (Whole CF area)	
Name of Community Forest	Yangleykha Community Forest
Date of Assessment	14/04/2022
Name of block	Yangleykha
Block area	55.4 ha
Basal Area	6m <sup>2</sup> /ha
Name of recorder	Nima Gyeltshen and PhurbaDorji

a. Forest & Habitat Type					
Forest	<input type="checkbox"/>	Thicket/pole stage	<input checked="" type="checkbox"/>	Shrubland	<input type="checkbox"/>
Grassland	<input type="checkbox"/>	Plantation	<input type="checkbox"/>	Other	<input type="checkbox"/>
Vegetation type					
Subtropical forest	<input type="checkbox"/>	Chir pine forest	<input type="checkbox"/>	Warm broadleaved forest	<input checked="" type="checkbox"/>
Cool broadleaved forest	<input type="checkbox"/>	Mixed conifer forest	<input type="checkbox"/>	Blue pine forest	<input type="checkbox"/>
				Other	<input type="checkbox"/>

Definitions	
Broadleaf forest	75% or more of the tree species present are hardwoods
Conifer forest	75% or more of the tree species present are coniferous
Mixed forest	All other combinations of tree species
Mature Forest	Vegetation dominated by mature trees (trees > 40 cm dbh)
Thicket/pole stage	Vegetation > 3m in height consisting of young trees usually < 40cm dbh
Shrubs	Non-tree species > 2m in height (often thorny and multi-stemmed)
Shrub-land	Vegetation dominated by woody multi-stemmed plants or single stemmed plants and regeneration mostly < 3 m tall
Grassland	Vegetation dominated by grass species and where only a small part of the area is covered by trees or shrubs.
Crown cover	The percentage of the area covered by the crowns of trees forming the main canopy (usually mature trees)
Regeneration	Seedlings, saplings and coppice re growth of naturally occurring tree species that are less than 1.3 metres tall but greater than 30cm tall
Seed trees	Mature trees with healthy crowns capable of producing flowers and seed



Soil Cover	The percentage of the area with soil surface covered either by live vegetation or a layer of other plant vegetation
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<b>b. Forest Condition</b>			
Write the names of the 3 main tree species			
Local name		Scientific name	
Chukrasey (Lh)		Chukrasiatabularis	
Champ (Lh)		Micheliachampaca	
Panisaj (Lh)		Terminalia myricarpa.	
<b>(i) Plantation</b>			
Is there any Yes plantation? No <input checked="" type="checkbox"/>		Approximate 2 meters height of planted trees (m)	
Year planted		Is the plantation? Under stocked <input type="checkbox"/> Stocked <input type="checkbox"/> Overstocked <input type="checkbox"/>	
<b>(ii) Forest Condition – Age</b>			
Mature <input type="checkbox"/> Main canopy of mature trees	Polestage <input type="checkbox"/> Main canopy of pole-stage trees	Shrubland <input type="checkbox"/> Main canopy of shrubs, young trees or regeneration	Any <input checked="" type="checkbox"/> No continuous canopy. Isolated trees only
<b>(iii) Forest Condition - Canopy density</b>			
Dense <input type="checkbox"/> Canopy density > 70%	Open <input checked="" type="checkbox"/> Canopy density < 70%	Very open <input type="checkbox"/> No real canopy. Isolated trees only	

<b>(iv) Forest Condition – Regeneration</b>		
Abundant <input type="checkbox"/> Regeneration easy to find in most places	Scattered/few <input checked="" type="checkbox"/> Regeneration only in some places and hard to find	None <input type="checkbox"/> No regeneration
Write the names of the 3 main tree species in the regeneration		
1) Stereospermumsuaveolens	2) Daubanga grandiflora	3) Acacia catechu
Regeneration: Seedlings > 30cm and < 1.3m height		

<b>(v) Forest Condition – Approximate density of seed trees</b>		
High <input type="checkbox"/>	Moderate <input type="checkbox"/>	Low <input checked="" type="checkbox"/>



> 50 seed trees per ha	10 - 50 seed trees per ha	< 10 seed trees per ha
------------------------	---------------------------	------------------------

Block Condition Summary			
Use the forest condition class box below to get an average condition for the block			
Poor	<input type="checkbox"/>	Average	<input type="checkbox"/>
		Good	<input checked="" type="checkbox"/>
		Very Good	<input type="checkbox"/>
Does the main forest canopy consist of large, mature trees?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Forest Condition				
Age	Canopy density	Regeneration & coppice	Seed tree class	Condition
Mature forest	Dense	Abundant		Very good
		Scattered/few	Low	Good
	Open	Abundant		Good
		Scattered/few	Moderate	Average
Pole stage forest	Dense	Abundant		<b>Good</b>
		<b>Scattered/few</b>	<b>Low</b>	Average
	<b>Open</b>	Abundant		Average
		Scattered/few	High	Poor
Shrubland and young growth	Dense	Low	Moderate or High	Average
	Dense	Low	Low	Average
	Open	Moderate	Low	Poor
Any	Very open	None	Low	Poor

(c) Catchment Condition Class Box			
Slope category	Soil erosivity	Cover class	Condition class
Flat	Erosive	Moderate or high	Moderately critical
		Low	Highly critical
	Non erosive	any	Less critical
Moderate	Erosive	Moderate or high	<b>Moderately critical</b>
		Low	Highly critical
	<b>Non erosive</b>	<b>Moderate or high</b>	Less critical
		Low	Moderately critical
Steep	Erosive	Moderate or high	Moderately critical
		Low	Highly critical
	Non erosive	Moderate or high	Moderately critical
		Low	Highly critical

d. Open spaces	
Approximate total open space area (ha)	2 ha
Dominant vegetation type in the open space	Acacia catechu
Cause of open space e.g. grazing, fire, harvesting, etc.	Timber and firewood harvesting

e. Grazing and fodder	
Grassland type	
Natural <input type="checkbox"/>	Man-made <input type="checkbox"/> Mixture <input type="checkbox"/> Predominantly forest <input checked="" type="checkbox"/>
Main fodder species being used	
Local name	Scientific name
Phaleydo (Lh)	Erythinaspp
Nibara (Lh)	Ficus spp.
Tangki (Lh)	Bauhuineaspp

Pasture quality		
Local name	Scientific name	Palatable/unpalatable
Bamboo	Chimonobambusacallosa	Palatable
Broom grass	Thysolinea spp.	Palatable

Use pattern <input type="checkbox"/>	Seasonal <input checked="" type="checkbox"/>	All year <input type="checkbox"/>
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Type of user	Migratory <input type="checkbox"/>	Local <input checked="" type="checkbox"/>	Both <input type="checkbox"/>
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f. Catchment Condition	
(i) Catchment condition – soil cover	
Soil cover	Soil cover class
> 50% of the soils are covered by vegetation	high <input type="checkbox"/>
25 - 50% of the soils are covered by vegetation	moderate <input checked="" type="checkbox"/>
< 25% of the soils are covered by vegetation	low <input type="checkbox"/>
(ii) Catchment Condition - Soil type and erosivity	
Soil type (colour, texture and type)	
Erosive <input type="checkbox"/> disperses and/or breaks up in water easily	Non-erosive <input checked="" type="checkbox"/> stable to water flow
(iii) Catchment Condition – Slope	
Slope (degrees)	Slope steepness class <input type="checkbox"/>
<10°	Gentle <input type="checkbox"/>

10° – 30°	<b>Moderate</b>	√
> 30°	Steep	□
Catchment Condition Summary		
Less critical	□	Moderately critical
		√
		Highly critical
		□

g. Fauna	
Local name	Scientific name
Bear	Selanarctos thibetanus
Barking Deer	Muntiacus muntjac
Wild pig	Sus crofa
Leopard	Panthera

h. Biotic Pressures (underline those present and level of severity)			
Fire	Common	occasional	absent
Grazing	Heavy	limited	absent
Shrub layer	Dense	moderate	absent
Fodder collection	Common	limited	absent
NWFP collection	Common	limited	absent
Leaf litter collection	Common	limited	absent
Encroachment	Common	occasional	absent
Pole harvesting	Common	occasional	absent
Fuel-wood harvesting	Common	occasional	absent
Timber harvesting	Common	occasional	absent
Hunting	Common	occasional	absent
Others (describe)			

i. Management options	
1	Management of 5 acres of old plantation and plantation of commercial value timber spp over 1 ha of areas
2	Thinning and removal of unwanted spp to promote the growth of young stand
3	Reduce continuous harvesting of timber and firewood to regain its stock capacity by following AHL and ACC strictly
4	Regular patrolling and monitoring are required against illegal harvesting of timber and NWFPS

### 1.7. Participatory Environment Assessment

Participatory Environmental assessment format for Yanglaykha community forest								
	Potential Environmental effects				Potential Socio-Economic effects			
Activity proposed in CFMP	Soil	Water	Wild Animals	Plants	traditional	Cultural and religious values	Local employment	Local benefits from the forest products
Fuel wood harvesting	-	--	++	++	+++	++	++	++
Forest protection	+++	+++	+++	+++	++	+++	+++	+++
Thinning	+++	++	0	+++	+++	0	++	++
Weeding/Cleaning	++	0	0	+++	++	0	+	++
Timber Harvesting	--	--	--	--	0	-	++	++
Fire Control	+++	++++	+++++	+++++	+++	+++	+++	+++
Grazing control	+++	++	++++	+++++	++	++	+++	++
NWFP Mgt	--	---	--	++	0	0	+++	++

Positive effects shown by (+ + +), Negative effects shown by (- - -) and no effects (or not relevant) shown by 0).

## 1.7.1. Address potential negative effects

Activity	Procedures
Timber Harvesting	<p>Felling of trees on the slopes &gt;50% will be restricted</p> <p>Felling of trees in the water source areas within 20m radius will be prohibited</p> <p>Selective felling will be done to ensure enough trees are retained</p>
Fuel wood harvesting	<p>Felling and rolling of the logs on the slopes will be restricted</p> <p>Quantities of trees to be felled will be controlled and distribution will be done on need basis.</p>

## 1.8. Climate Hazard Assessment

Climate Hazard Matrix						
	Landslide	Flood	Drought	Forest fire	Animal diseases	Reduced crop yields
Landslide	X	Landslide	Drought	Forest fire	Animal diseases	Reduced crop yields
Flood		X	Drought	Forest fire	Animal diseases	Reduced crop yields
Drought			x	Forest fire	Drought	Drought
Forest fire				x	Forest fire	Forest fire
Animal diseases					X	Animal diseases
Reduced crop yields						X

Result: 1<sup>st</sup>=Forest fire (5), 2<sup>nd</sup>=Drought (4), 3<sup>rd</sup>=Animal diseases (3), 4<sup>th</sup>=Reduced crop yields (2), 5<sup>th</sup>=Landslide (1), 6<sup>th</sup>=Flood (0).



**1.8.1. Climate Vulnerability Assessment**

Social group/Sector	Landslide	Flood	Reduced crop yields	Animal disease	Forest fire
Rich	1. Plant trees 2. Built walls.	NA	1. Buy quality fertilizers 2. Use Locally composed manure	1. Afford to get treatment instantly.	NA
Medium	1. Plants trees.	NA	1. Buy fertilizers 2. Use Locally composed manure	1. Afford to get treatment instantly.	NA
Poor	1. Plant trees	NA	1. Use Locally composed manure	1. Get treatment from nearest Livestock centre.	NA

**1.9. Forest Produces Demand Assessment**

Produce	Annual requirement (estimated)		Number of HH that require produce annually ©	Total requirement of the produce (Annually)		Total requirement of the produce in 10 years	
	Number (A)	Volume (in cfts) (B)		Number (A*C)=D	Volume (in cfts) (B*C)=E	Number (D*10)	Volume (in cfts) (E*10)
For new construction							
Drashing	4		2	8		80	
Firewood	1		15	15		150	
Fencing posts	50		15	750		7500	
Flag posts	108		2	216		2160	
Bamboo	50		8	400		4000	
Fodder	720 B/L		15	10800B/L		108000 B/L	
Leaf litter	30 B/L		15	450 B/L		4500 B/L	

**1.10. AAC vs Demand Assessment**

Produce	Total AAC (Numbers)	Total Annual Demand (Numbers)	Difference (Numbers)	Comments
Drashing	6	8	-2	Insufficient, can be avail from SRF
Firewood	11	15	-4	Insufficient, can avail from SRF.
Fencing posts	24	750	-726	Insufficient, can avail from SRF.
Flag posts	43	216	-173	Insufficient but can substitute with bamboo

## 1.11. Forest Management

### 1.11.1. Overall Management objectives of CF

The CFMG of Yanglaykha Community Forest has set following overall objectives as the guiding tool for the sustainable management of the Community Forest:

1. Ensure sustainable timber production and sell excess in future for income generation
2. Prevent and prohibit outsiders from collection of forest products from the CF
3. Protect and conserve wildlife in the designated CF areas.
4. Protect and Plantation of Khair tree for sell in future for income generation.

### 1.11.2. Forest Management procedures

Products	Timber	Fuel wood	Fencing post/Flag poles	NWFP
Main Species	Chukrasey, Champ, Lampathey, Panisaj, Khamari	Tanki, Khamari, Panisaj, Parari	Seris,	Bamboo, Thysolinea spp, Leaf litter, Mushroom, Fern
Problems	Limited stock	Limited Stock	Limited stock	Limited Scope
Opportunities	Pole size trees can be retained to attain drashing size for future.	Use diseased, dead, dying lops and tops.	Substitute flag posts with bamboo	Self consumption and marketing in future.
Management Objectives	1.Increase timber production by controlling indiscriminate felling, 2.Planting the timber species tree seedlings in degraded areas.	Ensure sustainable extraction of firewood.	Sustainable management of available stocks.	
Activities	1.Promote natural regeneration by removing unwated plants. 2.Plantation in degraded areas., 3.Intensive patrolling	1.Pruning and cleaning. 2.Plantation in degraded areas. 3.Regular patrolling	1.Pruning and cleaning to open up for more regeneration. 2. Regular patrolling	

Procedures	1.Felling only mature trees and retain seed trees. 2.Fell only marked trees. 3.Will strictly follow AAC	1.Lopped branches will be supplied as firewood. 2. Thining wherever required and supply for firewood.	1.let abundant seedlings will attain the pole size. 2. can avail from SRF.	
Responsibilities	CFMG and concerned Forest Officials.	CFMG and concerned Forest Officials.	CFMG and concerned Forest Officials.	

### 1.11.3. Forest Produce Ranking

Products/services	Timber	Firewood	Mushroom	Fodder	Leaf litter	Water	Grazing
Timber	x						
Firewood	Timber	X					
Mushroom	Timber	Firewood	x				
Fodder	Timber	Firewood	mushroom	x			
Leaf litter	Timber	Firewood	Leaf litter	Leaf litter	x		
Water	Water	Water	Water	Water	Water	x	
Grazing	Timber	Firewood	Grazing	Grazing	Leaf litter	Water	x
Total	5	4	1	0	3	6	2

Ranking result: 1<sup>st</sup>=water (6), 2<sup>nd</sup>=timber (5), 3<sup>rd</sup>=firewood (4), 4<sup>th</sup>=Leaf litter (3), 5<sup>th</sup>=Grazing (2), 6<sup>th</sup>=mushroom (1), 7<sup>th</sup>=fodder (0).

## 1.11.4. Forest product and Species Preferences

Species	Uses	Timber	Firewood	Fodder	Fencing Post	Leaf litter	Medicine
Checkrasey	Preference	+++	+		+		
	Availability	X	xx		xx		
Paylay Champ	Preference	+++	++				
	Availability	X	x				
Lamphatey	Preference	++++	++				
	Availability	X	xx				
Panisaj	Preference	++++	++++			++	
	Availability	X	x			x	
Siris	Preference		++++		++	++	
	Availability		xxx		xxx	xxx	
Khair	Preference						++++
	Availability						xxxx

+++++= Highly Preferred += Least Preferred, xxxxx = Availability, x=Scarcely available



**1.11.5. Participatory Forest Resource and Services Monitoring**

<b>Objective/Activity</b>	<b>Indicator</b>	<b>How it will be monitored</b>	<b>Responsibility</b>	<b>Comments</b>
Ensure sustainable timber production and sell excess in future for income generation	Increase in size of trees and dwindle in cases of illicit felling	Reports of apprehensions by Resoops during their periodic patrolling	CF Committee Members and Resoops	Territorial and Dzongkhag Forestry render technical support
Protect and conserve wildlife inside the Community Forest.	Cases of hunting and poaching inside CF	Decrease in number of reports by the Resoops and members	CF Committee Members and Resoops	Territorial and Dzongkhag Forestry render technical support
Prevent and prohibit outsiders from collection of forest products from the CF	Cases of illegal activities by outsiders inside CF	Decrease in number of reports by the Resoops and members	CF Committee Members and Resoops	Territorial and Dzongkhag Forestry render technical support
Protect and Plantation of Khair in CF	Cases of illegal felling and increase the Khair area	Reports of Resoops and plantation journal	CF committee member and Resoop	Territorial and Dzongkhag Forestry render technical support

## 1.11.6. Monitoring Plans

Participatory Forest Resource Impact Monitoring table.				
Activity	Indicator	How it will be monitored	Responsibility	Comments
Ensure sustainable timber production a sell excess in future for income generation	Increase in size of trees and dwindle in cases of illicit felling	Reports of apprehensions by Resoops during their periodic patrolling	CF Committee Members and Resoops	Territorial Forest Division should render technical support
Protect and conserve wildlife inside the Community Forest.	Cases of hunting and poaching inside CF	Decrease in number of reports by the Resoops and members	CF Committee Members and Resoops	
Prevent and prohibit outsiders from collection of forest products from the CF	Cases of illegal activities by outsiders inside CF	Decrease in number of reports by the Resoops and members	CF Committee Members and Resoops	
Protect and Plantation of Khair in CF	Cases of illegal felling and in-crease the Khair area	Reports of Resoops and plantation journal	CF committee member and Resoop	
Participatory Social and Institutional impact Monitoring table.				
Activity	Indicator	How it will be monitored	Responsibility	Comments
Loan for CFMG	➤ Number of HH provided with loan.	➤ Records in CF fund management.	➤ CFMG	➤ Facilitate by Forestry Staff.
CF general	➤ Numbers of	➤ CFMG records of	➤ CFMG	

meeting	Participants. ➤ Resolutions.	meeting.		
CF committee meeting	➤ Resolution of meetings.	➤ CFMG records of meeting.	➤ CFMG	
<b>Participatory Environmental Impact Monitoring Table</b>				
<b>Indicator</b>	<b>How it will be monitored</b>	<b>Responsibility</b>	<b>Comments</b>	
➤ Formation of more gullies and frequent occurrence of Landslides.	➤ Identify newly formed gullies and landslide areas. ➤ Identify the causes. ➤ Identify the mitigation measures.	➤ CFMG. ➤ Divisional Forest Office.		

## 1.11.7. Annual Work plan

Objective	Activity	Year									
		1	2	3	4	5	6	7	8	9	10
Protection from outsiders	CF Boundary demarcation										
	Patrolling in CF areas										
Plantation in the degraded and harvested areas	Initiate bush clearing activities										
	Plantation in barren areas										
	Plantation in water source area										
	Cleaning and thinning activities in water source area										
Conservation and Protection of Wild Life habitat	Participatory patrolling										
Sustainable utilization of forest resources	Silvicultural operation activities	Selection system will be followed for marking in CF Area									
Income generation through sale of excess timber in future.	Sale of excess fuelwood and NWFPs										

Note:-The patrolling/monitoring shall be carried out in January, April and October months every year

**1.12. Monitoring, review and evaluation**

110. The concern Forest Officer shall conduct regular monitoring of plan activity and submit the report on half yearly basis to the Department.
111. The CFO shall conduct annual monitoring of CF which shall include verification of records on physical and financial achievements. The annual report shall be submitted to the Department. The Monitoring and Evaluation of CF shall be carried out as per the prescription in the Management Plan and as per technical guidelines in the forest management code. The Department shall, on a regular basis, evaluate the effective implementation of the Management Plan. The evaluation report which requires technical intervention shall be presented to Technical Advisory Committee of the Department for review.

The annual work plan and progress report of the CF shall be submitted to the concerned forest officer based on Annexure 2 format 1. The monitoring of CF activities and maintaining of the records should be carried by concerned forest officer jointly with CF management committee. A mid-term review shall be carried out at the last quarter of the 5<sup>th</sup> year plan period and the final at the last quarter of the 9<sup>th</sup> year plan period. The review and final evaluation report shall be based on Annexure 6 from forestry field manual for Bhutan 2018 (3<sup>rd</sup> edition).

**1.14. CF Networking**

Yangleykha Community Forest can participate in CF networking programs initiated by DoFPS to encourage development of CF cooperation with other CFs in the Geog, Dzongkhag and CFs of Bhutan.



**PART 2; COMMUNITY FOREST BY-LAWS****2.1. CFMG membership**

- i. The revised CF bylaws supersedes all sections of 2012 CF by-laws, however the name of CF remains unchanged (Yangleykha Community Forest).
- ii. The name of the CFMG shall be known as Yangleykha Community Forest Management Group.
- iii. The management group comprises of 15 households from Majuwa village.
- iv. It shall come into effect after the formal approval by the Department of Forest and Park services.
- v. The new members shall be allowed to join the CFMG upon payment of 25% of the expenditure incurred for management of CF by old members if he/she is separated from the house of registered CF members.
- vi. Any member enrolling as new CF member shall need to produce valid thram and Gung.
- vii. The Non-members but genuine residents of Majuwa community shall be allowed to join the CFMG group upon payment of entry fees of Nu. 50% of expenditure incurred by CFMG at any time of plan period.
- viii. A copy of new membership application should be forwarded to concerned forest officer for necessary updating of the membership list.
- ix. All enrollments of new CFMG members shall be done only after consulting the existing CFMG members during the time meeting.
- x. No outsider shall be entertained as CFMG at any cost.

**2.2. Membership fees**

The CFMG members will collect the annual membership fee of Nu. 100/- and deposit it into CF account.

**2.3. Withdrawal of membership**

- i. Members have the right to withdraw from membership if he/she is not interested but will not be allowed to join again. The withdrawn members are also not entitled for any benefits or cannot claim compensation for the amount of labour contributed for the management of Community Forest during his/her tenure as CFMG member.
- ii. Any members wishing to withdraw their membership can do so after prior approval of CF Chairperson, with the written application.
- iii. The committee members are allowed to leave the post after serving minimum for 5 years if he /she is not interested to serve as executive member without any benefits but they will remain as CFMG members.

- iv. A copy of resignation of membership application should be forwarded to concerned forest officer for necessary updating of the membership list.

## **2.4: Management committee formation**

### **2.4.1: Composition of committee members**

The executive members were selected amongst the member based on the qualification and experience by the members during CF planning meeting in presence of forestry officials.

- i. Executive committee comprises of Chairperson, Secretary, Treasurer and 2 Resoops to oversee the day-to-day activities of the CF.
- ii. The terms of executive members shall be for five years. The same person can be re-elected if the service rendered by him/her is found satisfactory by the members or else can be subject to termination even before the term is complete on disciplinary ground.

### **2.4.2: Election of the committee members**

The CF management committee will be elected among CFMG members every after five years. However, they can be terminated and the election shall be carried out through unanimous decisions of the group. The election will be conducted during general meeting in the presence of concerned forestry officer.

### **2.4.3.: Annual compensation for Management Committee members.**

There will no annual compensation provided to Executives members as of now. However, CFMG shall decide to pay annual compensation based on the availability of CFMG fund and its requirements in future.

### **2.4.4: Eligibility of the management committee members**

Every member has the right to become the executive committee member unless he or she meets the following criteria:

- i. He/she should be the legal member of the CFMG
- ii. He/she should be able to read and write
- iii. Preference will be given to experience members
- iv. He/she should be mentally sound
- v. He/she should be 18 years and above and below 65 years of age
- vi. He/she should be living in the village permanently

### **2.4.5: Procedure for leaving the Executive Committee**

- i. The chairman, secretary and treasurer are not allowed to leave their post for a period of 10 years. However, he/she will be allowed for the genuine reasons like death case, long term sickness, etc. with the submission of application to CFMG members. The approval is accorded only after the election and replacement of his/her post with the proper

handing taking of CF accounts, properties and records based on Annexure 15. The same shall be applied to rest of the executive committee members.

- ii. A copy of handing taking charge sheet note along with a name list of newly elected members should be submitted to the concerned forest officer for necessary information and updating the records.

## 2.5. Terms of Reference for CF Management Committee.

Sl. No	Title	Rights and Responsibilities
1	<b>Chairperson</b>	<ol style="list-style-type: none"> <li>1. Plan and initiate CF activities.</li> <li>2. Coordinate meetings.</li> <li>3. Report progress of the Community Forest.</li> <li>4. Issuance of permit and maintenance of CF books.</li> <li>5. Sign joint accounts for transaction.</li> <li>6. Monitor CF fund utilization.</li> <li>7. Overall monitoring of CF activities as per the plan and reporting.</li> <li>8. Sanction loans.</li> <li>9. Work as per the Community Forest Management plan.</li> </ol>
2	<b>Secretary</b>	<ol style="list-style-type: none"> <li>1. Assist Chairperson in his/her absence and coordinate the work.</li> <li>2. Minute keeping</li> <li>3. Sign on permit together with Chairperson as required in the permit.</li> <li>4. Sign joint accounts for transaction.</li> <li>5. Crosscheck Community Forest fund utilization.</li> <li>6. Sign the loan sanction letter.</li> <li>7. Respect the bylaws framed here in this management plan.</li> </ol>
3	<b>Treasurer</b>	<ol style="list-style-type: none"> <li>1. Maintain cash book and report Community Forest fund annually to Forest office.</li> <li>2. Receive fines and penalties and deposit into CF accounts.</li> <li>3. Keep detail accounts of the CF funds.</li> <li>4. Withdraw and deposit of funds.</li> <li>5. Sign the loan sanction letter.</li> <li>6. Respect the bylaws framed here in this management plan.</li> <li>7. Work as per the Annual Work plan of this management plan.</li> </ol>
4	<b>Resoops</b>	<ol style="list-style-type: none"> <li>1. He/she has the right to patrol the CF area and report any illegal activities taking place in the CF areas.</li> <li>2. He/she has the right to question any member for CF product</li> </ol>

		utilization.
		3. He/she be rewarded with the 50% of the amount in case if they apprehend any culprit
		4. Assist the marking officer during marking and ensure the sanitation of the forest after the extraction.

## 2.6. Roles and responsibilities of CFMG members

All the CFMG members must have following responsibilities:

- i. Every individual has to participate in the CF related activities and has equal rights to access over the resources;
- ii. The equity and justice among members shall be maintained instead of focusing on equal share;
- iii. Every individual shall have equal opportunity to elect the management committee members and shall have rights to speak and share concerns and suggestions;
- iv. Each individual is responsible to inspect, verify and report illegal activities to the management committee and or to forestry officer;
- v. Everyone has equal opportunity to hold the post of management committee if he/she fulfills the above eligibility criteria;
- vi. The members shall have rights and access to CF accounts and auditing the documents;

## 2.7. Benefit sharing mechanism

- i. The resource sharing shall be based on equity and the primary priority will be given to the members who do not have a house to live in or affected by disaster;
- ii. The Quantity of timber to be allotted and the number of applicants is clearly prescribed in the management plan by comparing the AAC and the Demand assessment.
- iii. No timbers trees will be granted free of cost. The permit shall be issued for each produce at the prescribed rate to generate adequate revenue/income for the group.
- iv. The secondary priority shall be given to single headed women;
- v. The timber granted for rural house construction shall be strictly prohibited for commercial sale and if any members being found in such activities shall be guilty of an offence and dealt as per FNCRR 2017 and FNCRR,2020 and FNCA 1995.
- vi. Timber shall not be entertained for exchanging or borrowing among members and outsiders;
- vii. The transit of timber shall be restricted to the concerned village only and shall not be allowed to reach at any construction sites, hotels and restaurants in the urban areas or along national high way;
- viii. Those infrastructures which are provided with government budget and given to the contractors will have to buy the timber as per market value from the CFMG.
- ix. The CFMG shall not contribute timber for any community constructions like the construction of community temple, school or BHU, etc. in the village if there is external

fund support, however, timber may be allotted considering the AAC in their prescribe management plan;

- x. The executive members should ensure all the revenues generated are properly recorded and all the group members of the CF are well informed. This will ensure free and fair benefit sharing later.
- xi. No single person should take advantage and try to derive individual benefit from the group's hard-earned funds.
- xii. Every single produce that are supposed to go out of the Community Forest area should be declared to group members. The executive committee members together with representative from forestry department should ensure that this happens at any cost.
- xiii. Every forest produces in Community Forest areas shall be supplied to community members only after realization of royalty at prescribed rate in this management plan.
- xiv. Fuel wood shall be met from the lops and tops and as far as possible collect dry wood, if there are no dry woods, one number standing tree shall be issued.
- xv. Benefit sharing will be just and fair and the executive members together with concerned forestry officials should make sure this to happen by any means.
- xvi. The excess timber and fuel wood will be marketed based on the prevailing market rates to generate the community income
- xvii. Loan will be dispersed to interested individuals who wish to obtain it with the minimum interest rate of 9 % per annum.
- xviii. Water resources; individuals or institutions can use the water resources from CF areas upon payment of minimum monetary incentives to the CFMG which is agreed by both the parties.

### **2.7.1. Timber**

- i. Members are entitled for timber as per the prescribed CF plan for construction of rural house and for other rural purposes;
- ii. The Chairman shall grant and allot permit for rural house construction from CF areas only if CF member submits rural house construction approval from concerned authority;
- iii. The management committee shall review applications and approve or reject the application based on the above section 2.7.1(ii) and supporting documents indicating requirement of timbers.
- iv. The priority shall be given to the members who have no proper houses or the houses which were affected by the disaster;
- v. The renovation or other construction purposes also have to submit the application to the chairman; however, the construction approval is not required;
- vi. The permit validity shall be 2 years from the date of issue of permit, after which the applicant should renew the permit and extend the dateline if collection and transit of timber is not completed.

- vii. The permit will be extended only for a period of 1 year upon payment of royalty. Failure to extract the timber on extended period will lead to allotment of timber to other needy individuals.
- viii. Timber for renovation of community lhakhangs, schools, outreach clinic will be provided at free of royalty provided there is no financial support provided by government.
- ix. Members are eligible to apply for the second quota for new construction or renovation purposes as per the FNCRR 2017 and FNCRR, 2020.

**2.7.2: Fuel wood**

- i. Every individual CFMG member shall be allowed to collect dry fuel wood from the CF area as and when required, irrespective of the quantity without royalty.
- ii. The CFMGs shall be allotted with two number of standing trees for each household upon realization of the prescribed royalty.
- iii. Outsiders and Non-members shall not be allowed to collect any types of firewood from the designated CF forest areas.
- iv. Members who are allotted house construction timbers are not entitled for firewood. He/she have to collect debris of extracted timbers as firewood
- v. Members are allowed to collect standing tree dry firewood without paying royalty;
- vi. Firewood allotment shall be focused on non-timber species;

**2.7.3: Fencing posts**

- i. All CFMG members are entitled to get fencing posts based on their genuine cases;
- ii. Fencing posts shall be allotted with the maximum ceiling of 50 nos./ head or one Drashing in lieu of 50 nos. of fencing posts.
- iii. Timber species shall not be entertained for fencing posts;
- iv. Fencing posts can be sometimes met from bush clearing & thinning operation of CF block;
- v. Only malformed, diseased or inferior species should be allotted for fencing posts;
- vi. Outsiders are not allowed to harvest any fencing posts;

**2.7.4. Flag post**

- All CFMG members are entitled for the Flag post upon payment of prescribed royalty provided the need is genuine
- Flag post will be allotted on need basis. However, during the death cases, the allotment of 108 numbers will be done immediately.

**2.7.5. Non-wood Forest Product**

- i. Collection of endangered NWFP species shall be restricted to both CFMG members and outsiders if found in CF areas;



- ii. Collection of mushroom or other NWFPs for self-consumption will be allowed without any royalty;
- iii. Members are allowed to collect leaf litters or top soil free of royalty;
- iv. Surface collection for sand and stones will be restricted only for rural utilization from CF area for CFMG members only;
- v. Selling of NWFPs shall be permitted in a group but not as individual member;
- vi. Outsiders are not allowed to collect any leaf litters, top soil or NWFPs from CF area;

**2.7.6. Grazing in CF areas**

- All the CFMG members have the traditional grazing rights in the CF area but are restricted from entering the plantation sites.
- Grazing for outsiders and non-members in the community forests area is strictly prohibited.

**2.7.7. Labor**

- The CFMG members irrespective of all wealth groups will equally contribute the labor for activities related community forestry management.
- No members shall miss any of the meetings or CF related activities and actively contribute the labour force.
- The absentee will be terminated from the CFMG membership without any benefit or compensation after third instances although he/she contributed to community forestry management group during his/her tenure as member. However, considerations for unavoidable circumstances such as death, sick and attending other important works related legal issues will be considered.

**2.7.8. Loan disbursement procedures.**

CFMG member can avail the maximum loan amount of Nu.50,000.00 only. The decision shall be made by 2/3 majority of the CFMG members during general meeting;

- The treasurer shall maintain all the expenditure records like receipts, vouchers, bills, minutes of meeting, etc. All such expenses should be recorded to cash book immediately;
- The treasurer shall present the details of expenditure to the CFMG members and concerned inspection team as and when required;
- The concerned forest officer shall ensure the compliance of above provisions;

**2.7.8(a). CFMG fund for loans and its procedures**

The CFMG can allocate fund for loaning not more than 50% of the total fund. The borrower should submit an application as per Annexure 9 and draw an agreement based on Annexure 10 with the detail records of loan in Annexure 2, format 10.

**2.7.8(b). Eligibility criteria for loan**

Every CFMG members shall be given opportunity to avail loan from their CF fund with the fulfillment of following criteria:

- i. The loan amount of Nu.50,000.00 shall approved and released without mortgage;
- ii. Loan from CFMG fund shall not be given to non CFMG members;
- iii. The borrowers must be of 18 years and above;
- iv. Only one member from the households is eligible for loan at a time;
- v. Should not have any outstanding loan with CFMG;

**2.7.8(c). Interest rate and loan term**

All CFMG members are eligible to avail loan from the CF fund. The members shall be given an interest rate of 9% per annum. The loan shall be given on annual basis and every member should cleared their loan dues annually. The loan shall not be given to any members before 1 year of its expiry date of plan period and to non-members at any cost;

**2.7.8(d). Repayment schedule and process**

The borrower shall pay the principal amount including its total interest on annual basis. Upon the completion of its deadline, management committee shall conduct a general meeting whereby all the CFMG members are required to clear their annual loan dues. The fresh loan can be approved only after the repayment of its previous loan;

**2.7.8(e). Penalties**

Any member who fails to repay his/her loan in a given time shall be liable to pay a penalty from the date of expiry with reference to Annexure 2 format 10. The borrower should be liable to repay the loan amount with the interest rate of 20% per annum.

**2.7.8(f). Loan approval and disbursement process**

Any member who wants to avail a loan should fulfill the above eligibility criteria. The general meeting will approve the loan based on general consensus. The borrower and the management committee shall sign a loan agreement as per Annexure 10 before sanctioning of any loan. The loan agreement is prepared in two copies with one for CF management committee and another for borrower.

**2.7.8(g). Loan review**

At the end of each year, the CF management committee shall review all the loans and repayments. The information of the review shall be shared during CFMG general meeting.

**2.8. Meeting****2.8.1. General meeting**

- i. The CFMG will conduct at least 2 meetings in a year.
- ii. All members are required to present during general meeting;
- iii. The meeting agenda shall be on annual work plan and activities periodization as per operational plan reflected in the management plan and fund management;
- iv. All issues related to CF planning, implementing and monitoring will be discussed.

- v. The meeting will also review the achievement of fiscal year activities;
- vi. The meeting discusses the CF related issues like insufficiency of timber, members conflict, illegal harvesting, by-laws incompatibilities and so on;

### 2.8.2. Executive members meeting

- i. All executive members are required to present during committee meeting;
- ii. The meeting shall be conducted at any time of the year if required necessary;
- iii. Any management issues which are to be managed at committee level shall be discussed and resolve in the meeting;

## 2.9. Fees (products/service fees, membership fees, etc)

Sl.No	Types of products	Royalty Rate (Nu)	
		Within CFMG	Outsiders
1.	Drashing	Nu. 300/standing tree	As per NPC rate and NRDCL. In case of bulk selling, rate shall be decided after meeting, involving representative from Forest and Geog administration.
2.	Fencing Poles	Nu. 50/ Pole	
5	Flag posts	Nu. 20/pole for others,	
6.	Firewood	Nu. 100/standing tree	
10.	Stone and boulders	100 T/L, will be allotted only 3T/L per H/H	

### 2.10. Fines and Penalties.

- i. Any illegal activities carried out inside the CF by CFMG members or the outsiders shall be dealt as per FNCRR, 2017 amended rules 2020.
- ii. All cases related to offence shall be registered with CF executive members and compounded by the CF executive members as per FNCR 2017 and amended rules 2020. In the event of not willing to settle the case by the defaulter the case will be forwarded to the concern forestry official for taking further steps to compound the case.
- iii. The fines and penalties collected either by CF executive members or by forestry officials should be deposited in joint CF account within one week of receipt of fines.
- iv. Any wild life related crime shall be dealt by concerned forest office and compounded based on FNCRR, 2017 and amended rules 2020 or any rule that supersedes it. The fines so collected from it will go to Govt. revenue.
- v. All members, including the executive members are required to make their presence in meetings and group activities compulsorily.
- vi. Any absentees from work and meeting will be levied of fined Nu. 500/- (Five Hundred) only, which is at per prevailing daily wage in the community. However, consideration will be given in the event of unavoidable circumstances such as death, sick and attending other important works related legal issues will be exempted and treated as kidu after informing chairperson.

- vii. Under age below 18 years will not accept in work or in meeting, the concerned household will be marked as absentee and levy fine as prescribed above.
- viii. Any executive members or other members found misusing the community funds will be terminated from the post. He/She shall be liable to pay double the amount being misused and together with the interest on the amount prescribed in this rule.
- ix. The misuse of power by the executive committee members shall be liable for fine and penalties and shall be treated at par with illegal doers. Thus, fine and compensation on the misused produces will be levied against them as per FNCRR, 2017 and rules that supersedes it.
- x. Collection of any NWFP from CF by CFMG members are permitted for domestic/home consumption.
- xi. Collection of any NWFP from CF area by non CFMG members will be considered as an offence and will be Nu.500/- (five hundred) only regardless of any products. The products will be seized and auction by executive members and deposited in common fund.
  - Grazing in the plantation area is strictly prohibited and is liable to pay the fine of Nu 50.00 (Fifty) only per cattle. However, the offender will be made to bear cost of the seedling and fencing damaged by the cattle. And if the offence is committed for the third time, the cattle will be seized and auctioned and the money realized will be deposited in CF accounts.

## **2.11. CF Fund Management**

### **2.11.1. Source of fund**

The probable sources of CF funds are as follows

- i. Membership fees
- ii. Royalties from the forest products
- iii. Fines and penalties
- iv. Interest returns from loan released to members and bank deposit
- v. Sale of forest products for commercial purposes

### **2.11.2. Procedure in CF fund management**

- i. CFMG should continue with same bank account maintained with any financial institutions in the previous terms;
- ii. The account shall be operated under a joint signatory of chairman, treasurer and a secretary;
- iii. Money receipt should be issued for all the payments received;
- iv. Contingency fund of Nu.10,000.00 may be kept with treasurer
- v. Amount when once it became more than Nu 10,000.00 should be deposited within 5 days. Failure to deposits on stipulated time shall be liable to pay of interest by treasurer;

- vi. Treasurer should collect all contributions, donations, fees, fines and maintain detail records for references;
- vii. All financial records should be made available to authorized auditing team or inspection team at any time of the year.

### 2.11.3. CF fund utilization areas

Table 2: Areas where CFMG funds can be utilized

Areas of fund use	Limit (%)
CF development activities (CF review, nursery creation, plantation, thinning, cleaning, salvage operation, boundary demarcation, fire line creation, etc.	Not less than 25%
CFMG enhancement (loan, capacity building, study visits, meeting, workshops, net-working, visitors in CF, income generation, enterprise development, etc.).	Not more than 50%
Reserved fund in the bank (security deposit)	Not less than 5 %

### 2.12. Record and book keeping

The management committee shall maintain the detail records of CF. All the CF official books should be kept under the safe custody of management committee and shall be available for reference at any time. The secretary is responsible for recordkeeping activities whereas the treasurer for bookkeeping activities in CF. The verification and overall maintenance of records should be done by chairman whereas the timely monitoring and technical support should be given by concerned forest officer

### 2.13. Conflict management

- i. The chairman is responsible for management of any conflict of CFMGs;
- ii. If Chairman fails to manage the conflict, he /she will put the issues in the CF general meeting for discussion and resolution and to higher authorities if the CF general meeting fails to manage the conflict;
- iii. The conflict related to wildlife, forest fire and developmental activities like farm road construction, land encroachment, etc. shall be directly forwarded to concerned forest officer for further necessary follow-up;

### 2.14. Developmental Activities within or through CF Area

- i. The community will not restrict or object any developmental activities such as construction of farm road, transmission lines, water supply etc taking place within the CF area. However, clearance has to be obtained from CFMG and concerned agencies shall have to compensate the damaged caused by the developmental activities as per the

FNCRR, 2017 and 2020. The assessment will be carried out by the Forestry officials in presence of CFMG and parties concerned.

- ii. CFMG can incorporate with any other groups which could benefit and generate income to the CFMG as whole in future

### **2.15. Amendment of CFMP and by-laws**

- i. The approved and certified management plan serves as a legal document for managing the CF and its bylaws by CFMG members;
- ii. All the management activities are required to be carried out as per management plan and by-laws;
- iii. The CFMG shall have right to amendment some sections or criteria if found genuine by conducting general meeting in presence of forestry officials;
- iv. The members will be allowed to incorporate the amendment parts into the management plan and implement accordingly after receiving the recommended notification from the Department;

### **2.16. Powers of the Department**

Notwithstanding the powers of the CFMG as described in FNCRR 2017, the Department is fully empowered to take action with regard to both forestry and other developmental activities in part or whole of the Community Forest. The Department fully reserves the power to cancel, suspend and reinstate of CF certificates if the implementation is not done as per the management plan and FNCRR 2017:-

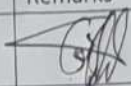
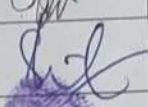




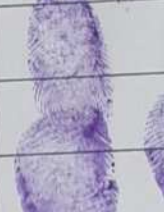

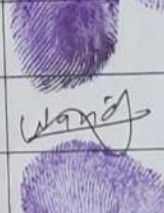
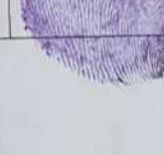


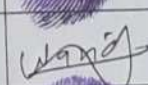

102. In the event the members of the CFMG decide to cancel CF certificate in accordance with Rules, the Community Forest Certificate shall be cancelled with effect from the date of notification of the decision to the CFO. The CFMG shall then surrender the Certificate to the Department.
103. The CFO shall have the right to enquire about the reason for such cancellation to ensure that no offence has been committed, as outlined under this Rules.
104. In the event the number of member household in the CFMG fall below five or the group ceases to meet the requirements under this Rules; the CFO shall notify the CFMG that its certificate shall be cancelled.
105. The Department shall suspend the rights and privileges of the CFMG to control, manage and utilize the CF upon the recommendation of the CFO, in the event of the following:
  - 1) The CFMG is unable to manage the Community Forest according to its management plan or otherwise fails to meet their responsibilities; and

- 2) The CFMG has engaged in any activity in contravention of the provisions of the Act, Rules, by-laws or the management plan.
106. The suspension shall be for a minimum period of 3 years. During the suspension period, the CFMG members shall not be eligible for any forest produce from the SRF.



## Annexure I: List of CFMG member

Annexure II: List of CFMG member

Sl#	Name	Thram No	House No	Cid. No	Remarks
1	Gayshing Lepcha	832	Kha-11-660	10211003697	
2	Sherab Lepcha	267	Kha-11-214	10211003290	
3	Chaba Lepcha	1315	Kha-11-216	10211003309	
4	Lhundup Lepcha	268	Kha-11-211	20211003259	
5	Toyki Lepcha	264	Kha-11-213	10211003274	
6	Jedup Lepcha	1314	Kha-11-624	10211003312	
7	Lhakpa Lepcha	271	Kha-11-212	10211003265	
8	Ongmit Lepcha	270	Kha-11-225	10211003391	
9	Sher Badhur Lepcha	996	Kha-11-743	11313000178	
10	Tashing Lepcha	323	Kha-11-223	10211003383	
11	Dungay Lepcha	533	Kha-11-222	10211003367	
12	Jumshing Lepcha	265	Kha-11-625	10211003310	
13	Aimith Lepcha	3135	Kha-11-nil	10211003394	
14	Wang Tshering Lepcha	3100	Kha-11-nil	10211003715	
15	Chandup Lepcha	Nil	Nil	10211003344	

**Annexure II: List of CFMG Committee member**

<b>Sl.No</b>	<b>Name of person</b>	<b>Post appointed</b>	<b>Gender</b>	<b>Contact No</b>
1	Mr. Gayshing Lepcha	Chairman	Male	17431699
2	Mr. Sher Bdr.Lepcha	Secretary	Male	77458285
3	Mr. Ainam Lepcha	Accountant/Treasurer	Male	17983160
4	Mr. Lhendup Lepcha	Resoop	Male	77244907
5	Ms. Santi Lepcha	Messenger	Female	17391469

## Annexure III; AAC for CF

## Annual Allowable Cut (AAC) per year for forest products

## Stand stock table results for T Trees

Blocks	Dangchung 10-19		Tsim 20-29		Cham 30-39		Drashing 40 +	
	m3	Nos	m3	Nos	m3	Nos	m3	Nos
Block I	4.48	55.29	5.25	18.82	15.05	23.53	33.21	12.95

## Stock available for 10 years

Blocks	Dangchung 10-19		Tsim 20-29		Cham 30-39		Drashing 40 +	
	m3	Nos	m3	Nos	m3	Nos	m3	Nos
Block I	248.192	3063.07	290.85	1042.63	833.77	1303.56	1839.83	717.43

## AAC per year

Blocks	Dangchung 10-19		Tsim 20-29		Cham 30-39		Drashing 40 +	
	m3	Nos	m3	Nos	m3	Nos	m3	Nos
Block I	2.26	27.85	2.64	9.48	7.58	11.85	16.73	6.52
Total	2.26	27.85	2.64	9.48	7.58	11.85	16.73	6.52

## Annual Allowable Cut (AAC) per year for forest products

## Stand stock table results for N Trees

Blocks	Dangchung 10-19		Tsim 20-29		Cham 30-39		Drashing 40 +	
	m3	Nos	m3	Nos	m3	Nos	m3	Nos
Block I	6.96	85.88	13.46	48.24	8.28	12.94	12.12	9.42

## Stock available for 10 years

Blocks	Dangchung 10-19		Tsim 20-29		Cham 30-39		Drashing 40 +	
	m3	Nos	m3	Nos	m3	Nos	m3	Nos
Block I	385.584	4757.75	745.684	2672.5	458.712	716.876	671.448	521.868

## AAC per year

Blocks	Dangchung 10-19		Tsim 20-29		Cham 30-39		Drashing 40 +	
	m3	Nos	m3	Nos	m3	Nos	m3	Nos
Block I	3.51	43.25	6.78	24.30	4.17	6.52	6.10	4.74
Total	3.51	43.25	6.78	24.30	4.17	6.52	6.10	4.74