The Public Summary of the Management Plan

Revision 10 (2022/2023)

The following details are made available in the public summary of Kelani Valley Plantations PLC. Forest Management to enhance the transparency of the company's forestry related activities. That information can be given to the stakeholders on their request. It includes general information, forest details, monitoring results and other important information.

The stakeholders could obtain the management plan & monitoring result from any of our estate offices. Or they could visit to bellow address or could be make the request by email.

Kelani Valley Plantations PLC 400, Deans road, Colombo 10, Sri Lanka

mahesh.vithanawasam@kvpl.com kushani.rajapaksha@kvpl.com

Management objectives

- Achieve expected profit by in line with budgeted NSA & COP
- Achieve budgeted Rubber latex quantity
- Achieve budgeted Labour out-turn
- Compliance with five-year plans of crop projection, uprooting and replanting
- Assessing biodiversity by monitoring species diversification
- Implementing environmental safeguards based on Environmental Impact Assessment (EIA)
- Improve socio-economic conditions of the worker force
- Provisions for monitoring rubber growth and dynamics
- Protect natural forest areas and restoration in high conservation value areas

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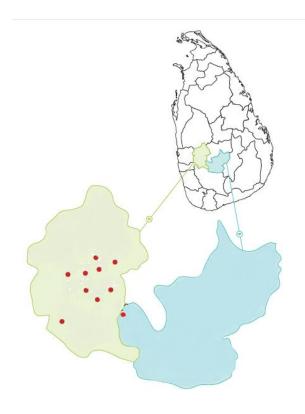
Socioeconomic conditions of local communities

The estate sector in Sri Lanka has a history of almost 150 years. The British started the industry in the 1800s with 'imported' indentured labour from South India. Today's estate population are descendants of this labour that continued to be brought into the country until the 1940s. Sri Lanka's success as a lead exporter of tea in the 1960s and 1970s ensured the continuation of the industry despite manifold changes in the form of nationalisation, reprivatisation and the rise of the smallholder. Although the sector has evolved, it still retains aspects of the enclave structures and conditions that existed at its inception. Isolation and limited mobility has marginalised workers in the tea and rubber estates, and they have not reaped the benefits of development to the same extent as workers in other productive sectors of the economy. Households in the estate sector are among the poorest in the country. However, even though the development discourse frequently emphasises the marginalisation and backwardness of the sector, it must be acknowledged that conditions have improved. Estate structures are less rigid and factors such as trade union activism, state interventions, sector specific development programmes, increased interaction with rural and urban sectors and greater integration with the mainstream economy, have resulted in noticeable micro level improvements. Despite these improvements the estate sector still lags behind in almost every indicator of poverty in Sri Lanka.

Harvesting areas

Sub FMUs of KVPL

	Rubber	Forest Area	Riverine	Massy	Conservation	_	Total Extent
Sub FMU	Area	Aiea	Kiveiiiie	Land	Area		Extent
	(Ha)	(Ha)	(Ha)	(Ha)	(Ha)	(Ha)	(Ha)
Panawatte	696.2	43.11	0.35	1.5	44.96	228.24	1014.36
Dewalakande	520.28	65.35	13.53	1	79.88	30.85	710.89
Kiriporuwa	346.69	4.27	5.23	2.21	11.71	219.69	589.8
Lavant	347.81	9.59			9.59	202.21	569.2
Ganepalla	292.69	14.55			14.55	168.09	489.88
Urumiwela	356.05	6.77	5.11	1.37	13.25	327.05	709.6
Weoya	690.21	26.37	5.5	0.64	32.51	170.88	926.11
Kelani	182.65	24.08		1	25.08	107.01	339.82
Ederapola	410.09	10.99	4.02		15.01	202.96	643.07
Kalupahana	157.55	89.34	6.4	0.5	96.24	161.77	511.8
Total Area	4000.22	294.42	40.14	8.22	342.78	1818.75	6504.53



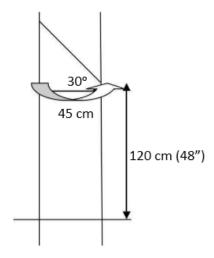
All the activities related to natural rubber management are conducted according to the Sri Lankan Rubber Research Institute guidelines.

1st tapping of the forest block shall commence when 60% of the trees in the clearing reaches a girth of 50 cm, measured over bark at a height of 120 cm from the highest point of graft union. All rubber trees having a girth lesser than 45 cm is not be tapped at the growth stage mentioned under indicator. The amount of latex harvested is not inflict systematically on the tree health or increase the tree's vulnerability to diseases. Tapping done close as possible to the vascular cambium, but without injuring the delicate cells.

Guidelines for Tapping

- First tapping of the bearing block (after 6th upkeep) shall commence when 60% of the trees in the clearing reaches a girth of 50 cm, measured over bark at a height of 120 cm from the height point of graft union.
- In such a clearing, all trees having a girth not less than can be tapped.
- All rubber trees having a girth lesser than 45 cm shall not be tapped at the growth stage of above particular block.

Marking a tree for tapping



 Tapping panels are to be marked by dividing the trunk into 2 equal halves with vertical grooves

- Tapping is done only in one half (one panel) of the tree.
- Tapping angle should be 30° to the horizontal plain.

Annual Allowable cut

 All the harvest is calculated as per RRI (Rubber Research Institute) recommendations, And the Rubber tree uprooting and replanting is take place on mature with the approvals and recommendation by plantation ministry & RRI. Therefore it has to be with in Annual Allowable Cut limit.

Tapping Method

During tapping the original cut is systematically reopened by the removal (excision) of a thin shaving of bark from the sloping cut. The special knife used cuts a shallow channel along which the latex flows to a collecting vessel.

Tappable Tree

A tree with the girth of at least 50 cm, measured at 120cm from the highest point of the stock-scion union is reached

Tappable Clearing

60% of a clearing/smallholding should be of tappable girth before tapping is commenced.

Commencement of Tapping

November/December is an ideal period for commencement of tapping in a new clearing.

Tapping of a new clearing should not be undertaken during the Phytopththora season, i.e May to September each year.

Height of Opening Cut

Tapping cuts should commence at a height of 120 cm from the highest point of the union to the lower end of the tapping cut. Generally, on the base panels tapping is done from high left to low right using a Michie Golledge Knife.

Slope and Direction of Cut

As the latex vessels run at an angle of 2.5 - 7° to the vertical in an anticlockwise manner, a greater number of latex vessels is cut and a greater yield is obtained when cuts are made at 30° to the horizontal sloping from high left to low right. For upward tapping of higher panels a 45° angle to the horizontal is advocated to prevent wastage of latex.

Marking of Trees

The tapping cut should be marked using a stencil made out of an aluminium sheet for tappers to achieve correct angle and length of cut and also to achieve correct bark consumption.

For marking of guide lines, firstly a vertical line (Neththi Kanu) is drawn on the tree commencing at a height slightly above the height of opening to reach the graft union. On this line the opening height is marked. Subsequently, half circumference of the tree is determined using a measuring tape or a string at two points and marked on the tree.

Another vertical line called 'Poi Kanu' is drawn through these two points from a point above the opening height to the graft union. With the aid of the appropriate stencil placed on the tree at the opening height with its handles parallel to both Neththi and Poi Kanu, lines are drawn for the tapping cut and guidelines with a high left to low right orientation.

The lowest point of the tapping cut (on the vertical line, on the right) is at 120 cm above the graft union.

The lines should be marked superficially using a pointed object such as a mounted needle. These marks should not be more than 1 mm deep as they are only required temporarily as guidelines for tapping.

After the marking of guidelines, the spout and the cup hanger are fixed. Subsequent guide lines are marked every year before commencement of tapping.

Depth of Tapping

The best yields can be obtained by tapping as close as possible to the cambium but without injuring these delicate cells. Tapping to a depth of up to 1 mm from the vascular cambium is therefore considered satisfactory.

Bark Consumption

In calculating the tapping life of rubber trees, a bark consumption of 0.125 cm (1/20") per tapping excision has been used. In general, the maximum number of tapping days that could be achieved in Sri Lanka is ca 320 per annum, therefore 160 days per tree on a V2S d/2 system. Hence, for the V2S d/2 tapping system, the annual bark consumption will be

approximately 20 cm (0.125 cm x 160). Similarly for the '/2S d/3 tapping system the annual bark consumption will be ca 14 cm (0.125 cm x 107).

Time of Tapping

The highest yield of latex is obtained by tapping in the early hours of the morning and late tapping will reduce latex yield due to increased transpiration leading to lower turgor pressure in the latex vessels.

Tapping Task

The number of trees assigned to a tapper to be tapped in a day is referred to as the Tapping Task. The stand/ha, terrain of the land, number of tapping cuts and distance between the block and the weighing point should be considered when fixing the task size. The normal tapping task varies from 275 - 325 trees.

<u>Current Tapping Systems</u>

Certain clones are capable of giving a relatively higher yield/tree/tapping (g/t/t) than the other recommended clones. From such clones the potential yield can be obtained by tapping a tree once in three days, i.e. d/3 frequency, whilst the other clones will need a higher frequency of tapping, i.e. d/2 frequency. If high g/t/t clones are tapped at d/2 frequency such clones are unable to sustain high yields and this will also lead to high incidence of Tapping Panel Dryness.

Tapping System	Clones
1/2S d/2	RRIC 100, RRIC 102, RRIC 117, RRIC 121, RRIC 131, RRIC 133, BPM 24, All RRISL 200 Series Clones, RRIM 717, PB 255, PR 255, PR 305
1/2S d/3	PB 28/59, PB 217, PB 235, PB 260, RRIC 130, RRII 105

The above tapping systems can be used for tapping of panels BO-1, BO-2 and BI-1, i.e. ca. 18 and 21 years of tapping using 1/2S d/2and 1/2S d/3 systems respectively.

Intensified Tapping

In order to arrest the yield decline evident in Panel BI -2 and to harvest the maximum crop prior to uprooting of the rubber tree intensified tapping is recommended after the tapping of panel BI - 1.

There are two schemes recommended for intensified tapping and they are common to both d/2 and d/3 clones.

The duration of the intensification period is six years.

Year	Scheme 1	Scheme 2
1,2,3	2 x ½S (↑↓).d/3	1/4S (↑) + 1/2S (↓) d/2
4 & 5	2 x ½S (↑↓).d/2	$2 \times \frac{1}{2} S (\uparrow \downarrow) . d/2$
6	4 x ½S (↑↓).d/2	4 x ½S (↑↓).d/2

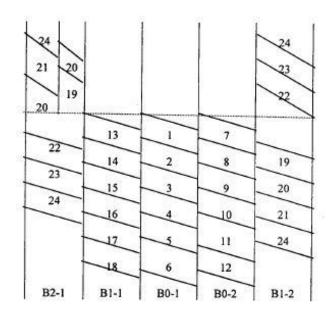
The upward cuts should be at an angle of 45° to the horizontal. Further, when two cuts are introduced they should be at least 52 cm apart to prevent overlap of the drainage area.

Tapping Panel Dryness

Normal yielding rubber trees will yield very little or no latex with the onset of tapping panel dryness. This change in the yielding potential of the tree can be gradual or sudden. Generally, high g/t/t clones are more susceptible to this syndrome. Over exploitation of trees, use of excessive yield stimulants, curtailing of fertilizer use whilst harvesting and tapping of wet panels favour incidence of dryness.

Panel Position

The position of the tapping panel during each year of the 24 years tapping cycle



Year	Tapping Systems
1-18*	1/2S d/2
19-21	1/4S(↑) + 1/2S (↓) d/2
22-23	1/4S(↑) + 1/2S (↓) d/2
24	4 x 1/2S (↑↓) d/2

(*1-24 if ½ S d/3 system is adopted)

Minimizing of Crop Losses Due to Interference of Rain on Tapping

- Tapping of panels made wet by rain is not recommended as it leads to panel diseases and interrupting flow of latex leading to wastage.
- Each year around 100 days of tapping are lost due to wet panels. Further, on about 50 days of the year tapping is commenced only ca. 10 am to 12 noons, after the panels dry up, i.e. late tapping.
- Also sudden showers occurring between tapping and latex collection result in latex getting washed away prior to collection. In a year ca. 10 - 15 such washouts are reported.

- No tapping, late tapping and washouts lead to about 30 35% loss of potential crop each year. This affects the income levels of land owners, tappers and factory workers.
- Hence, to avoid interferences from rain, rain guards have been introduced from 2020 for A and B.

Grooming

Mosses grow on the bark of some rubber trees and are capable of retaining moisture.

The moisture is released slowly and as a result a longer time is taken for the panel to dry even after the rains have ceased.

If the mosses found surrounding the tapping cut are removed it will help to dry up the panels quickly. Removing the mosses from an area 60 cm above the tapping cut and about 30 cm on either side and below the cut will be sufficient for this purpose.

This process, i.e. grooming, should be undertaken annually, before the onset of monsoons, on trees where mosses are found. This helps by increasing tapping days and converting late tapping days into normal tapping days.

Recovery Tapping

Ideally a rubber tree should be tapped every other day or once in three days depending on the clone.

This will make it possible to sustain the potential tapper and land productivity levels throughout the tapping cycle.

Anyhow, to recover the tapping days lost due to interference by rain, recovery tapping, i.e. an additional tapping in between two recommended tappings, is recommended.

Recovery tapping leads to daily tapping and it negatively affects the growth and yield of trees.

Hence for all clones recovery tapping is not recommended during the first three years of tapping.

In clearings where recovery tapping is recommended, i.e. from the 4t h year of tapping, only 2 or 6 such tappings are recommend per week or per month respectively.

Also, if uninterrupted tapping is possible for a period in excess of a month recovery tapping during such periods will not enhance yields.

Rotation Tapping

In addition to the normal tapping gang another tapping gang is employed for tapping.

If an additional 25% of tappers are used in the second tapping gang, each tapping block will get an additional tapping once in about 8 days.

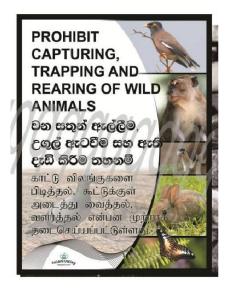
This system may not be practical at present due to the scarcity of skilled tappers. Further, this method also results in daily tapping of a tree to some extent.

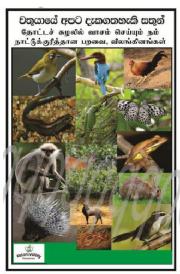
Sub FMU assess environmental impacts before the commencement of site disturbing operations,

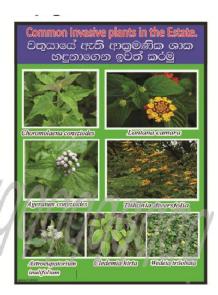
And Sub FMU do environmental impacts assessment (EIA) annually including potential impacts of management infrastructure, workers' activities and logging camps, and impacts related to the extraction of forest products such as equipment and transport network. The environmental impact assessments completed and documented before or during management planning in order to include its results in the planning process. The procedures of the sub FMU clearly identify the actions has taken to mitigate or reduce the environmental impacts identified during the assessment in the document.

- Hunting, capturing, extracting and trafficking wild animal in the estate is complete prohibited.
- Field officers should maintain wild life siting record.
- An inventory of wildlife and wildlife habitats should be established and e inventory should be updated once a year according to wildlife siting records.

Posters & awareness boards







The sub FMU carried out a survey in order to identify, map and protect representative samples of existing ecosystems. The conservation zones identified by the sub FMU include representative samples of existing ecosystems.

Protection of biodiversity and RTE species

The biodiversity survey conducted by experts has identified the biological values and the presence of RTE species and their habitats. PPL ensures to protect them by using specific management actions with the participation of FMU workers and relevant stakeholders.

Conservation zones have been identified and marked on maps, and where necessary, on the ground.

The sub FMU have systems in place in order to ensure that all measures are taken against illegal or unauthorized hunting, fishing, trapping or collection within the sub FMU.

Biodiversity Assessment

Comprehensive biodiversity assessment will be carried out by the assistance of experts most probably from Government University and other recognized authorities. This assessment will be done within 10 sub FMUs which are belongs to scope of FSC certification. Under this assessment, identification of flora, faunal species and their habitats present basically in permanent sampling plots (PSPs) e.g. Conservation areas of the each estate will be monitored. Based on national flora, faunal species list native, exotic

& RTE species will be marked. A Frequency of above assessment will be once in 06 years.

Rare, Threatened and Endangered Species

Through the assessment all Rare, Threatened and Endangered Species will be identified

Make plantation wildlife friendly through planting native plants native plants provide food and shelter for native wildlife.

Use of herbicides and pesticides close to conservation area is prohibited. Harassing wildlife is cruel and is illegal and prohibited and Wildlife habitat will to be protected.

Fauna and Flora Red List species

All flora and fauna species present in 10 Sub FMUs will be identified by multidisciplinary university expert team and information is going to include in the inventory called "Biodiversity Assessment Report". This project was carried out for all ten estates namely; Panawatte, Kiriporuwa, Weoya, Dewalakande, Urumiwela, Ganepalla, Ederapolla, Kalupahana, Lavant and Kelani. Estate managers have this inventory covering all 10 estates. Scientific name, common name and their conservation status are mentioned in this Biodiversity Assessment. Every manager has "The 2012 Red List of Threaten Fauna and Flora of Sri Lanka" in soft copy form. Critically Endangered, Endangered, Vulnerable flora and fauna species can be identified them by above two records to Estate Community.

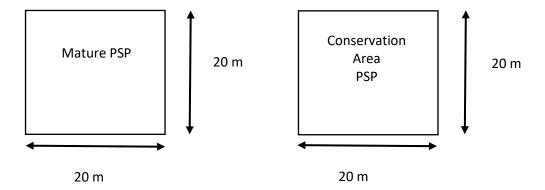
All available ecosystems are marked in the estate & divisional maps. And necessary permanent sampling plots (PSP) are established in order to monitor. All PSPs also marked in the maps.

<u>Sampling Designs</u>

Permanent sampling plots (PSPs) have been demarcated and identified those areas in the estate maps. This girth measuring is required to carry out annual basis. Biodiversity assessment should be carried out by an expert or team of experts once in 06 years. Assessment report will be kept in the estate office for reference.

Layout of sample

20 m X 20 m are the dimensions of the PSP. PSPs are demarcated by white concrete posts which has yellow band on top.



Data Collection

Data is collected annually by field officers under executive supervision from above PSPs.

Techniques adopted in rubber timber uprooting

Uprooting is carried out along the contour lines.

- Three categories are identified as per the slope of land.
 - 1. Gradient $0 45^{\circ} = Low$
 - 2. Gradient 45° 60° = Moderate
 - 3. Gradient 60° ≤ High
- Before Uprooting
- Sketched Topography Map with all necessary information is prepared

The site map is contain information on topography, slope as per the gradient, slope categories, water sources, and existing estate roads and planned skidding routes.

This map is generated through a professional land surveying or using GPS mapping technology or Manual mapping. And all necessary resources is marked by the surveying professional or sub FMU executive staff.

- Environment impact Assessment (EIA) is conducted
- Copy of map & conducted copy of EIA is given to contractor. The agreement will be signed with contractor in order to give instruction to

follow standard uprooting procedures to minimize environment disturbance on Soil, Water & biodiversity.

- According to the slope categories method of uprooting is carried out by the contractor.

If it is low (Gradient $0-45^{\circ}$) - Heavy machinery model no. 60 excavators is used.

If it is moderate (Gradient 45° – 60°) - Either model no. 30 excavator or monkey grubber are used. If the slope classification is high (Gradient 60° <) - then monkey grubber should be used for uprooting or trees can be removed manually

If the Site contain any water ways (Seasonal & Permanent) – 10 meters from water in both site has to be marked and trees has to be removed manually or using monkey grubber.

- Any Fauna or Flora habitats is not disturbed during the uprooting process
- As per EIA corrective actions is taken at the field in order to ensure least disturbance to environment on Soil, Water & biodiversity while uprooting and just after uprooting.
- Skidding routes is established along the contour lines.

For holloing for replanting

If it is low (Gradient $0 - 45^{\circ}$) - model no. 30 excavator is used.

If it is moderate (Gradient 45° - 60°) - model no. 30 excavator is used.

If the slope classification is high (Gradient 60° <) – manually done.

If the Site contain any water ways (Seasonal & Permanent) – 10 meters from water in both site manually done.

Conservation Area Protection Plan



- Should be marked in Estate Map
- PSP conservation plot should be fixed (20 m * 20m)
- PSP conservation area check list should be maintained to monitor Flora species annually.
- Wildlife sighting records should be maintained
- Install buffer zones and keep free from spraying chemicals
- Further native species planting and monitoring should be done
- Relevant display board should be installed
- Illegal timber harvesting, hunting and trapping is prohibited

HCV Conservation Area Action Plan



1. Earth slip Area

- Map -
- Sketch Map/ Survey Plan
- Google Map Global Forest Watch
- NBRO Report
- Highly concern about NBRO recommendation
- Correspondence with relevant authorities
- Correspondence between Director Plantations, Estates and Field officers
- Form a committees and committee meeting minutes
- Land slid area conservation programme

Activities	Time Frame	Responsibility

2. Forest Area

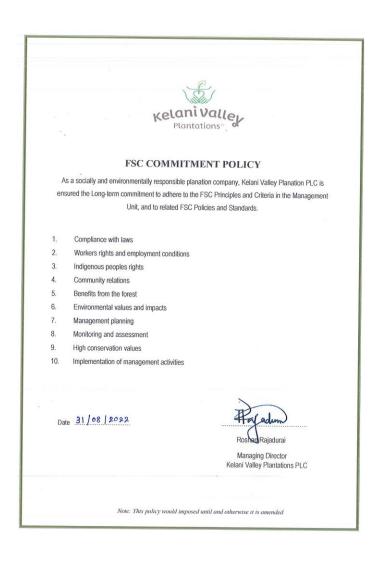
- Biodiversity assessment reports
- Google Map Global Forest Watch

Sketch Map/ Survey Plan

- Wild life sighting records
- Deputy Manager Sustainability inspection report
- Assistant Manager monthly inspection report
- Field officer inspection report
- Rainfall Data

- Native plants planting programme
- Install buffer zones and keep free from spraying chemicals
- Forest department inspection and recommendations
- Other specialists recommendations

FSC Commitment Policy



Environmental Policy



ENVIRONMENTAL POLICY

Kelani Valley Plantations PLC is committed to conserving the environment for future generations by aligning its plantations, in compliance with legal & voluntary international environmental management systems requirements.

To this end, we adopt sustainable, environmentally friendly processes with the participation of all our

employees & creating a framework to continually improve the system.

Our vision is to achieve the status of "Ethical Tea & Rubber Producer of the World"

Date 07.05.2019

Managing Director

Kelani Valley Plantations PLC

Note. This policy would imposed until and otherwise it is amended

Ecosystem and Biodiversity Conservation Policy



ECOSYSTEM & BIODIVERSITY CONSERVATION POLICY

The Vision: To create an environment where people and biodiversity co-exist to each other's mutual benefit.

The Mission: Protecting Natural and Semi-Natural ecosystems and their biodiversity in estates and managing them in a sustainable manner.

This is achieved by

- Identification of all existing occepstems and protecting and restoring them, through a companywide conservation and rehabilitation programme.
- Integrating good agricultural practices with conservation programmes in order to prevent damage to the system from crop management operations.
- Inventorying all fauna and flora existing within our plantations & mapping natural and semi natural ecceystems.
- Creating awareness within the plantation community regarding the importance of Ecceystem & Biodiversity Conservation and initiating participatory conservation programmes.
- Promoting research, education, communication and responsible visitor service by engaging with all stake holders of the value chain.

Date 07-05-2019

Managing Director

20

Note: This policy would imposed sutil and otherwise it is amended

Gender Equality Policy



COMMITMENT TO GENDER EQUALITY

Kelani Valley Plantations PLC is committed to ensure the equal rights, responsibilities, and opportunities of all women and men for the below criteria.

- Interests, needs, and priorities of both women and men are taken into consideration.
- Recognizing the diversity in recruitment and advancement processes to ensure quality between women and men.
- Equal pay for equal work.
- Recognition and rewards that are unbiased and based on contribution and performance.
- Genuine access to various positions and levels of leadership by removing genderbased barriers.

Date 25/0/2022

Roshan Rajadurai Managing Director Kelani Valley Plantations PLC

Note: This policy would imposed until and otherwise it is amended

This is for internal communication only.

Occupational Health & Safety Policy



Occupational Health and Safety Policy Statement

Our vision is to be the most ethical tea and rubber producer of the world and occupational health and safety is a major component in our drive towards this vision. Our overall objective on occupational health and safety is to provide and maintain a safe and healthy environment for our employees, associates, service providers and customers.

Occupational health and safety is a responsibility we all share. Therefore, I expect every employee, associate, service provider and customer to assume this responsibility and conform to the company's occupational health and safety regulations.

This is achieved by

- Providing a safe place of work / safe systems of work with effective control of the occupational health
 and safety risks to employees, associates, service providers and our customers, in so far as it is
 practicable to do so.
- Adhering to all relevant national occupational health and safety legislation and requirements, subscribed to by the company.
- Providing and communicating appropriate information, instructions and training, thus ensuring that
 all employees are aware of their health and safety obligations.
- Periodically setting reviewing policy, objectives and targets for operational performance and risk assessment and audit programs to ensure continual improvement.

Date 07.05.2019

Managing Director Kelani Valley Plantations PLC

Note. This policy would imposed until and otherwise it is amended

Social Policy



Hayleys Group Policies:

https://drive.google.com/drive/folders/1MxBY4-ODiioJAsLTkCAUhNQfIjI4S-7p?usp=share_link

DISPUTE RESOLUTION PROCEDURE

Dispute Identification

Normally estates are having different kind of disputes.

Eg. Loss of Assets.

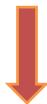
Loss of Soil (Soil erosion).

Violation of statutory or customary low.

Loss or damage to property.

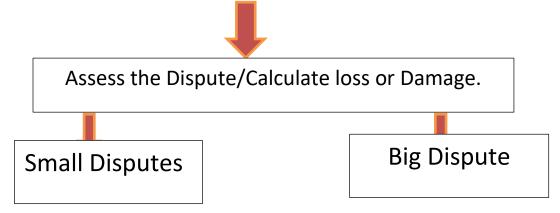
Occupational disease or injury.

Legal and customary right violations of local community.



Collecting data & Information

- The data collecting responsibilities taken by Estate Watchers, Field Officers, Welfare Officers Asst. Managers, and Managers.
- Data collect through grievances mechanism. (verbal communication, letters, labor days records, police complains, court orders, GN, AGA, accident books, media)



Assessment Committee members

* Relevant Government Authorities

Manager Asst. Manager Administrative Officer Eg. Gramaniladari, A.G.A.

Manager

Asst. Manager

Administrative Officer

Govi niyamaka

(If Agriculture compensation)

Insurance company

(Occupational injury, property, asset, vehicle)



Steps taken to resolve the dispute



Outcome of the dispute

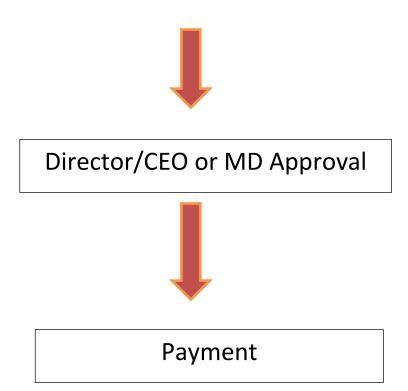


*Sometimes management should be decided to stop the work on disputed areas according to the substantial magnitude, durations, involving significant number of interest.

*If the dispute under the court. Management would attend the timely manner and act as the court decision/judgments.

Decide the Compensation

*Fair compensation is much essential.



*If the estate are having unresolved disputes, Estate management must give the reasons they are not resolved and how they will be resolved.

Keep all the relevant documents for the evidence.

HCV monitoring KVPL

2019				2020							
Dewalakande	Lavant		Ederapolla I			Dewalakande	Lavant		Ederapolla		
		1	2	3	4			1	2	3	4
		Available		Available				Available		Available	
		Available	Available	Available				Available	Available	Available	
		Available	Available	Available				Available	Available	Available	
		Available	Available	Available				Available	Available	Available	
		Available	Available	Available				Available	Available	Available	
		Available	Available	Available				Available	Available	Available	
		Available	Available	Available				Updated	Updated	Updated	
		Available	Available	Available				Updated	Updated	Updated	
Conducted on 2019/8/13	Done				Available	Assessment done on November 27	No				Available
Both documents	Dono				Availabla	Updated and	No				Available
	Conducted on 2019/8/13	Conducted on 2019/8/13 Done Both documents	DewalakandeLavant1AvailableAvailableAvailableAvailableAvailableAvailableAvailableAvailableAvailableAvailableAvailableConducted on 2019/8/13Done	Dewalakande Lavant Eder 1 2 Available Available Both documents Done	Dewalakande Lavant Ederapolla 1 2 3 Available Available Available Both documents Both Both Both	Dewalakande Lavant Ederapolla 1 2 3 4 Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Conducted on 2019/8/13 Done Available Available Both documents	Dewalakande Lavant Ederapolla Dewalakande 1 2 3 4 Available Available Available Available Conducted on 2019/8/13 Done Available Available Available Both documents Updated and	Dewalakande Lavant 1 2 3 4 Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Available Dewalakande Lavant Available Available Available Available Available Available Available Available Conducted on 2019/8/13 Done Available Ava	Dewalakande Lavant 1 2 3 4 1 Available Availa	Dewalakande Lavant Ederapolla Dewalakande Lavant Ederagola 1 1 2 3 4 1 2 Available Available Available Available Available Available Available Available <t< td=""><td>Dewalakande Lavant Eder⇒olla 1 2 3 4 1 2 3 Available Updated Updated Updated Updated Updated Updated Updated Available <</td></t<>	Dewalakande Lavant Eder⇒olla 1 2 3 4 1 2 3 Available Updated Updated Updated Updated Updated Updated Updated Available <

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Google Map - Global Forest Watch	Map available	No		Available	Updated and availabe upto november	No			Available
Wild life sighting records	Maintained throughout the year	Done		Available		Done			Available
Deputy Manager Sustainability inspection report				Available	Document available				Available
Assistant Manager monthly inspection report		Done		Available	Report doen	Done			Available
Field officer inspection report	Available	Done		Available	Updated	Done			Available
Rainfall Data	Updated	Done		Available	Conducted on December 3rd	Done			Available
Native plants planting programme		Done		Completed	Buffer zone demarcated	In Progress			
Install buffer zones and keep free from spraying chemicals	Maintained/ Updated	Done		Completed		No			
Forest department inspection and recommendations		No				No			
Other specialists recommendations		No							

HCV monitoring KVPL

	2021								
	Dewalakande	Lavant							
Earth slip Area			1	2	3	4			
Sketch Map/ Survey Plan			Available	Available	Available				
Google Map - Global Forest Watch			Available	Available	Available				
NBRO Report			Available	Available	Available				
Highly concern about NBRO recommendation			Available	Available	Available				
Correspondence with relevant authorities			Available	Available	Available				
Correspondence between Director Plantations, Estates and Field officers			Available	Available	Available				
Form a committees and committee meeting minutes			Updated	Updated	Updated				
Land slid area conservation programme			Updated	Updated	Updated				
Forest Area									
Biodiversity assessment reports	Conducted	Assesement done on November 27				Available			
bloare is six assessment reports	Conducted	on November 27				Available			
Sketch Map/ Survey Plan	Both documents available	Updated and available				Available			
Google Map - Global Forest Watch	Available	Map available				Available			

1	İ		I	Ī	i i
		Maintained			
	Maintained	throughout the			
Wild life sighting records	throughout the year	year			Available
		-			
		Document			
Deputy Manager Sustainability inspection report		available			Available
Assistant Manager monthly inspection report	Report Done	Done			Available
Field officer inspection report	Available	Available			Available
Field Officer hispection report	Available	Available			Available
Rainfall Data	Updated	Updated			Available
		Buffer zone			
Native plants planting programme		demarcated & updated			Available
Native plants planting programme		ириатеи			Available
		got delayed due			
Install buffer zones and keep free from spraying chemicals	Completed	to Covid 19			Maintained
					Due to the Covid-19
					situation Forest
		got delayed due			Department Inspection
Forest department inspection and recommendations	Available	to Covid 20			not done
Other specialists recommendations					Requested
care specialists recommendations			l		

HCV monitoring KVPL

	2022							
	Dewalakande	Lavant	Ederapolla					
Earth slip Area			1	2	3	4		
Sketch Map/ Survey Plan		Not applicable	Available	Available	Available			
Google Map - Global Forest Watch		Not applicable	Available	Available	Available			
NBRO Report		Not applicable	Available	Available	Available			
Highly concern about NBRO recommendation		Not applicable	Available	Available	Available			
Correspondence with relevant authorities		Not applicable	Available	Available	Available			
Correspondence between Director Plantations, Estates and Field officers		Not applicable	Available	Available	Available			
Form a committees and committee meeting minutes		Not applicable	Updated	Updated	Updated			
Land slid area conservation programme		Not applicable	Updated	Updated	Updated			
Forest Area								
Biodiversity assessment reports	Available	Assesement done on November 27				Available		

Sketch Map/ Survey Plan	Available	Updated and available	Available
Google Map - Global Forest Watch	Available	Map available	Available
Wild life sighting records	Available	Maintained throughout the year	Available
Deputy Manager Sustainability inspection report	Available	Document available	Available
Assistant Manager monthly inspection report	Report done	Done	Available
Field officer inspection report	Available	Available	Available
Rainfall Data	Updated	Updated	Available
Native plants planting programme	Done	Buffer zone demarcated & updated	Available
Install buffer zones and keep free from spraying chemicals	Completed	No	Maintained
Forest department inspection and recommendations	Available	No	
Other specialists recommendations			

Monitoring in 8.2.1 is sufficient to identify and describe the environmental impacts of management activities.

	Activity	Criterion	Monitoring Frequency	Record
а	The results of regeneration activities	10.1	according to the replanting programme	replanting programme
b	The use of ecologically well adapted species for regeneration	10.2	Yearly	RRISL recommended clone list
С	Invasiveness or other adverse impacts associated with any alien species within and outside the Management Unit	10.3	Daily/yearly	Invasive species control plan, training, awareness
d	The use of genetically modified organisms to confirm that they are not being used	10.4	N/A	N/A
е	The results of silvicultural activities	10.5	Yearly	records of commercial timber species planting
f	Adverse impacts to environmental values from fertilizers	10.6	Throughout the year	Fertilizer application records
g	Adverse impacts from the use of pesticides	10.7	Throughout the year	Chemical used records
h	Adverse impacts from the use of biological control agents	10.8	N/A	N/A
i	The impacts from natural hazards	10.9	Throughout the year	NBRO reports & their recommendations
j	The impacts of infrastructural development, transport activities and silviculture to rare and threatened species, habitats, ecosystems, landscape values, water and soils	10.10	Before start the activity	Site specific EIA
k	The impacts of harvesting and extraction of timber on non-timber forest products, environmental values, merchantable wood waste and other products and services	10.11	When the work going on	Timber harvest good management practice recommendations
I	Environmentally appropriate disposal of waste material	10.12	Throughout the year	Records of chemical cane disposal, waste selling records

Monitoring in 8.2.1 is sufficient to identify and describe social impacts of management activities.

	Activity	Criterion	Monitoring Frequency	Record
а	Evidence of illegal or unauthorized activities	1.4	Daily	Police entry book, court case register
b	Compliance with applicable laws, local laws, ratified international conventions and obligatory codes of practice	1.5	Daily- applicable low updation, EPL every three years, RDD- yearly	RDD certificate of registrations factory & KVPL, Factory EPL,updated list of applicable lows
С	Resolution of disputes and grievances	1.6,2.6,4.6	Daily	Police entry book, court case register, labour day book, other relevant letters, labour register, evidence of payments compensations.
d	Programs and activities regarding workers rights	2.1	Daily	Assess & address committee monitoring records, worker register, relavant letters of complains, terminations records, Maternity payments books, pay rolls, pay slips
е	Gender equality, sexual harassment and gender discrimination	2.2	Daily	Gender committee records, attendance sheets gender column
f	Programs and activities regarding occupational health and safety	2.3	Yearly/Daily	OHS committee meetings,OHS risk assesment,OHS plan, First aid program, machinery service and maintenance certificates, accident books, workman compansations,fire drills
g	Payment of wages	2.4	Monthly	Pay rolls & pay slips
h	Workers' training	2.5	Yearly	Training plan & evidence according to the Annexure B
i	Where pesticides are used, the health of workers exposed to pesticides	2.5,10.7	Yearly	Chemical handlers training & medical checkups
j	The identification of Indigenous Peoples and local communities and their legal and customary rights	3.1,4.1	Yearly	Only local communities identified through the stakeholders meetings
k	Full implementation of the terms in binding agreements	3.2,4.2	According to the project	Initial agreement is made & act accordingly(If projects available)

I	Indigenous Peoples and community relations	3.2,3.3,4.2	Yearly/Situational	Stakeholders consultations & community relation activities according to the situation
m	Protection of sites of special cultural, ecological, economic, religious or spiritual significance to Indgenous Peoples and local communities	3.5,4.7	Not identified up to now	If identified, management would be act according to the conservation plan
n	The persistence of associated values of significance to Indigenous Peoples	3.1,3.5	N/A	N/A
o	The use of traditional knowledge and intellectual property	3.6,4.8	There are no any intellectual knowledge to use since we are based on RRIS recommendations	There are no any intellectual knowledge to use since we are based on RRIS recommendations
р	Local economic and social development	4.2,.4.3,4.4,4.5	Throughout the year	Information about staffs, contractors and venders.CSR works, special social projects, community relation programme, SIA.
q	The production of diversified benefits and/or products	5.1	Yearly	Diversified crop & income records
r	The maintenance and/or enhancement of ecosystem services	5.1	Throughout the year	maintain ecosystem services according to the conservation plan
S	Activities to maintain or enhance ecosystem services	5.1	Throughout the year	maintain ecosystem services according to the conservation plan
t	Actual compared to projected annual harvests of timber and non-timber forest products	5.2	Daily/monthly	Yield books , crop records & replanting programme.
u	The use of local processing, local services and local value-added manufacturing	5.4	Throughout the year	Information about local venders
V	Long term economic viability	5.5	Yearly	Long term economic viability plan
W	High Conservation Values 5 and 6 identified	9.1	HCV 5 & 6 N/A	HCV 5 & 6 N/A

Monitoring procedures in 8.2.2 are sufficient to identify and describe changes in environmental conditions

	Activity	Criterion	Monitoring Frequency	Record
а	The maintenance and/or enhancement of ecosystem services (when The Organization uses FSC ecosystem services claims)	5.2	N/A	N/A
b	Environmental values and ecosystem functions including carbon sequestration and storage	6.1	BDA(every 6 years),EIA(before the uprooting) pre/post harvest (throughout the uprooting work)	Biodiversity assessment (every 6 years), wildlife siting records, Uprooting EIA, pre/post harvest check lists
	Including the effectiveness of actions identified and implemented to prevent, mitigate and repair negative impacts to environmental values	6.3	Monthly	Soil erosion sticks records (monthly), water flow level(monthly), turbidity (monthly), uprooting contractor training (before the uprooting works)
С	Rare and threatened species, and the effectiveness of actions implemented to protect them and their habitats	6.4	Throughout the year	BDA, native species planting programme, records & actions related to the Hunting, fishing, trapping and collection of rare or threatened species,
d	Representative sample areas and the effectiveness of actions implemented to conserve and/or restore them	6.5	Throughout the year	PSP monitoring(yearly), native tree planting progammme (yearly), conservation are restoration plan implementations.
е	Naturally occurring native species and biological diversity and the effectiveness of actions implemented to conserve and/or restore them	6.6	Throughout the year	PSP monitoring(yearly), native tree planting programme (yearly), conservation are restoration plan implementations, no hunting training and awareness.
f	Water courses, water bodies, water quantity and water quality and the effectiveness of actions implemented to conserve and/or restore them	6.7	Throughout the year	Drinking water tests (yearly), aquatic ecosystem restoration plan implementations.

g	Landscape values and the effectiveness of actions implemented to maintain and/or restore them	6.8	Throughout the year	According to the BDA recommendations
h	Conversion of natural forest to plantations or conversion to nonforest	6.9	Throughout the year	No any conversion record
i	The status of plantations established after 1994	6.1	Throughout the year	No any conversion record
j	High Conservation Values 1 to 4 identified and the effectiveness of actions implemented to maintain and/or enhance them.	9.1	Throughout the year	HCV area conservation plan & monitoring plan