

FIRE TRAINING REPORT

**A Collaboration of
PT. Rimba Raya Conservation and
Balai Konservasi Sumber Daya Alam (BKSDA) SKW II
Central Kalimantan Province**



Seruyan, July 12 – 13, 2010

PT. Rimba Raya Conservation

Report of Fire Training Basic Level

Collaboration between PT Rimba Raya Conservation with BKSDA

Seruyan, July 12-13, 2010

I. Background

In recent years, mainly because of the activities undertaken by oil palm plantations in the project zone, fires have periodically swept through the Project Area and the national park during the dry season. Rimba Raya project will create a fire response system, including training and equipment supply for fire brigade units and create a response plan related to the fire on the reserve and guard towers. Fire Plan will include the institutional component that handles the elements of capital, personnel, organization and assessment of the Project Area to create procedures and training related to fire prevention, fire response and rehabilitation.

II. Program Name

Training Fire basic level on Rimba Raya Conservation Concesion Area

III. Program Objectives

This training activity aims;

1. Improve insight, knowledge and skills of the participants in the control of land and forest fires that cover aspects of prevention, mitigation and post-fire, so that participants can help the company in overcoming various problems related to land and forest fires that occurred in and around the plantation area
2. To the firemen of this activity can enhance the skills and experience in fire fighting and forest land so that it can become a professional team in the field of fire prevention, in addition to members of the public activities will increase understanding, awareness and concern for land and forest fires that can increase the active role of society in case of land and forest fires in their vicinity

IV. Program Beneficiaries and Location

1. Beneficiaries are the people who live in 4 villages (Baung, Jahitan, Muara Dua, Tanjung Rangsas) at Seruyan Hilir Sub-district, located in the operational area PT. Rimba Raya Conservation
2. Training held on Jahitan Village
3. 18 Participant from 4 villages (Baung - 3 person, Jahitan - 5 person, Muara Dua - 5 person, Tanjung Rangsas - 5 person)

V. Program Execution Time

Implementation Program conducted on July 12-13, 2010

VI. Facilitator

Trainer for the Training Fire basic level from BKSDA (Conservation and Natural Resources agency)

VII. Training Schedule of Fire Training

Training in Fire basic level held on the class room teaching of the theory, practice and simulations are carried out in the field. Delivery of content and practice activities include the following of training schedule

Date	Time	Topics	PIC	Session
Monday July 12, 2010	09.00-09.30	Registration of participants and Opening	Committee	-
	09.30-10.15	Group Dynamic	Sunaryo	1
	10.15-10.30	<i>Break - Snack</i>	Committee	-
	10.30-12.00	Basics and Fire Behavior	Binsar	2
	12.00-13.00	<i>Break - Meal and Prey</i>	Committee	-
	13.00-13.45	Size up and Mop up	Sunaryo	1
	13.45-15.15	Introduction and Use of Manual Equipment Burnout	Sugih Trianto	2
	15.15-15.30	<i>Break - Snack</i>	Committee	-
	15.30-17.00	Introduction and Use of Mechanical Equipment Burnout	Sugih Trianto	2
	17.00	<i>Break</i>		
Tuesday July 13, 2010	08.30-10.00	Fire Danger Rating System	Sunaryo	2
	10.00-10.30	<i>Break – Snack</i>	Committee	-
	10.30-12.00	Practice Strategies and Team Formation	Sugih & Binsar	2
	12.00-13.00	<i>Break - Meal and Prey</i>	Committee	-
	13.00-14.30	Practice Strategies and Team Formation	Sugih & Binsar	2
	14.30-16.00	Practice Strategies and Team Formation	Team	2
	16.00-16.30	<i>Break – Snack</i>	Committee	-
	16.30-17.15	Formation of Forest Fire Control Brigade Group	Team	1
	17.15	<i>Close</i>	Committee	-
Total				17

VIII. Financing

Financing programs Fire Training include material of training, training process with community and provide trainer, financed by PT. Rimba Raya Conservation.

IX. Result

Monday, July 12, 2010

1. Registration of participants and Opening



Training is held at one of the houses in the Jahitan village. Training begins with registration of participants, participants who attended as many as 18 participants from four villages namely Baung Village, Jahitan Village, Muara Dua Village and Tanjung Rangs Village.

Opening training for fire management carried out by representatives of PT Rimba Raya Conservation. The opening begins with an introduction to the participants of the party committee and party coach. On occasion, conveyed the commitment of PT. Rimba Raya Conservation in land and forest fire prevention. PT. RRC can not act alone in the management of fire is therefore in great need of support from the community. Through this exercise, the PT. PRC is developing a community approach pattern base for fire management in tackling forest fires and land

2. Group Dynamic

Entering the first session, the group dynamics. Participants were asked to perform an understanding of the importance of having a solid group. Prior to the commencement of activities, participants first were divided into two groups, each group



is given a number of nails as a material to be used in the game. Each group will select a team leader, and every member of the group must follow the orders of squad leader

Two groups were given the task of trying to lay a few nails on a nail. Under the command of the head of the group, each group tried to lay a few nails on a nail, turns out to several times attempted to keep failing. Both groups can not afford to continue. The facilitator then tells how. The meaning of this game is the need for togetherness and unity, it should be science, the roles and responsibilities of each member.

3. Basics and Fire Behavior

We should have a basic knowledge of: Is the fire?, How did the fire burn?, The incidence of fuel, heat and oxygen evolved into the fire, and then the spread of fire. Fire triangle components include: heat, oxygen and fuel. Fire ignition components include natural or by man, oxygen from the air (21%), fuel fires such as solids, liquids and gases.

Forest fuels is basically dead or living plant material, Oxygen is the components of the combustion process of the most abundant and readily available. Heat: each stage requires the input of heat from the fire and the greater speed of input, the faster the speed of combustion and flame propagation.



Triangle Fire ; Heat + Oxygen + fire = Fire Materials. If one component is missing, ignition or arson will not occur. The variation of the balance between heat, oxygen and fuel, determine the amount of fire and will be an indication for forest fire brigades are going to be a coal fire, spreads slowly or speed increases with rapid deployment.

Combustion principle ; How did the fire occur: When the fuel get hot enough, the fire occurred. Fire is a rapid chemical combustion of fuel, heat and oxygen. The three components above are generally known as the triangle of fire

Extinguish fires ; Get rid of the fuel with straight cut or separate the fuel from the fire (starvation), Get rid of the oxygen with water spray or cover with mud (smothering), Lower the heat below the flame temperature by cooling with water or mud (cooling)

- Fuel Behavior (Fire Behavior): The interaction of various variables that could cause fires.
- Fuel Characteristics: Water Levels, Size and Shape, Fuel Load, The composition of horizontal and vertical continuity

Size and Shape of Fuel

- Fuel fines (diameter <0.5 ins.): Shrubs, grass, leaves, etc.
- Fuel weight (diameter \geq 0.5 ins.): Branches, tree trunks, logs, etc.

Fuel Charges

- Total fuel expense = Total fuel that is available in an area (kg/m^2)

Horizontal Composition

- The composition of a homogenous (uniform)
- The composition of a heterogeneous (nonuniform)



Vertical Composition

- Fuel Headers
- Fuel on the surface
- Fuel beneath the surface



Fire Behavior Triangle

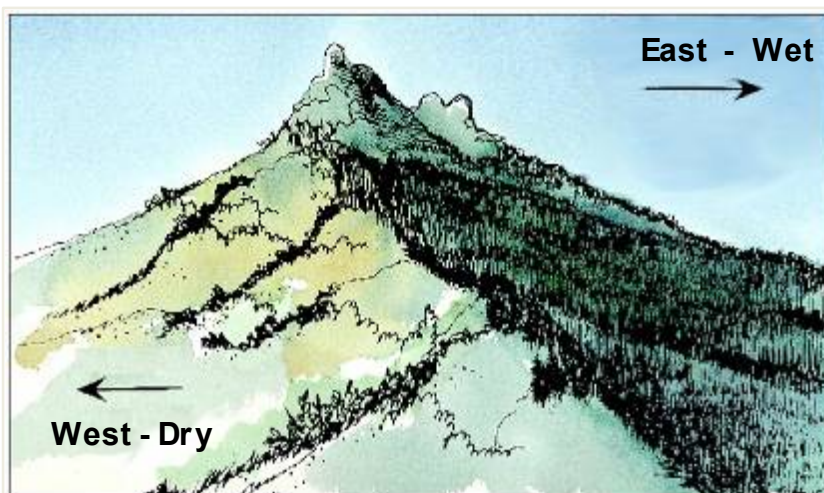
a. Weather

- Weather (Relative Humidity, Wind Direction and Speed, Temperature, Rainfall)
- Cold Wind and Waves. Wind: Wind is caused by the system high pressure and low. Cold wave (Cold Front): Cold wave is a boundary between a cold air mass is replaced by warmer air mass
- Wind ; Fluctuating wind, The wind was dry and fast, Cooling sea and land, Wind slope, Wind Valley

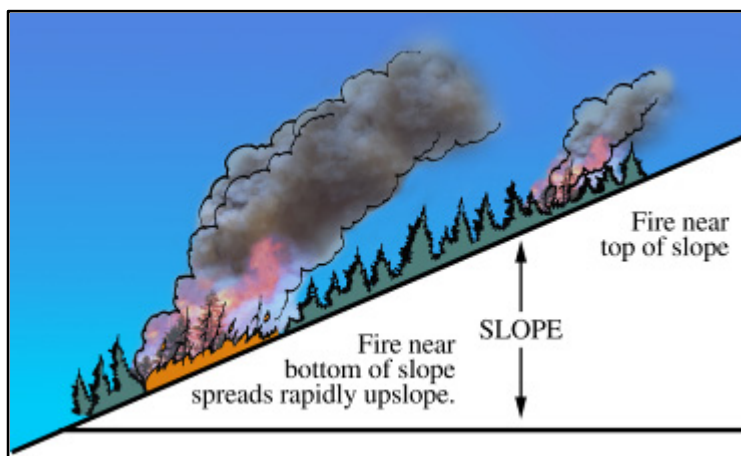
b. Topography

Topographical factors that affect propagation of fire are: Slope, Propagation of fire barriers, Aspect, Altitude from sea level, Landscape forms

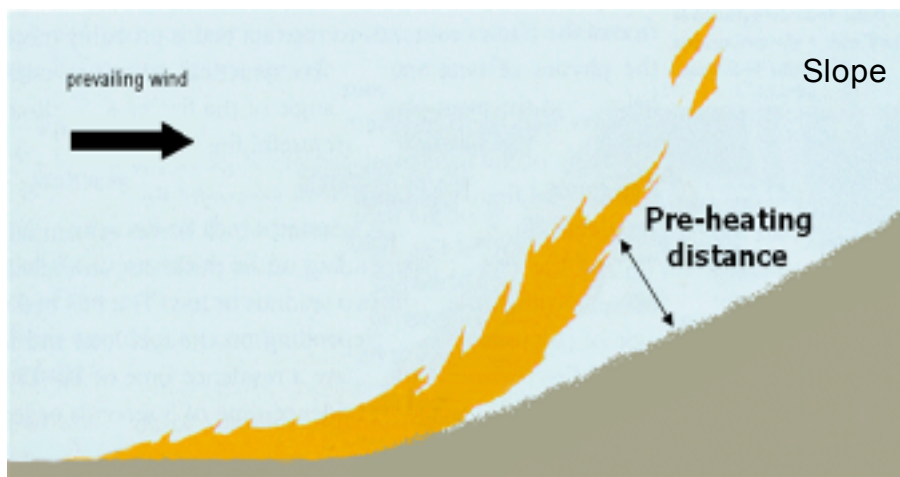
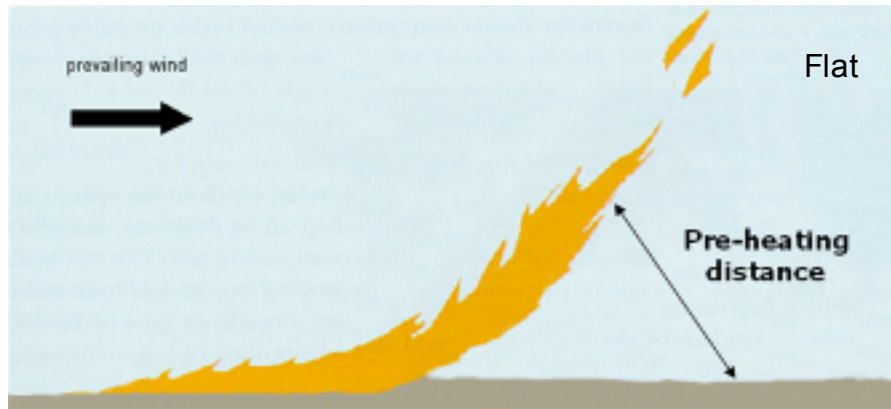
Aspect



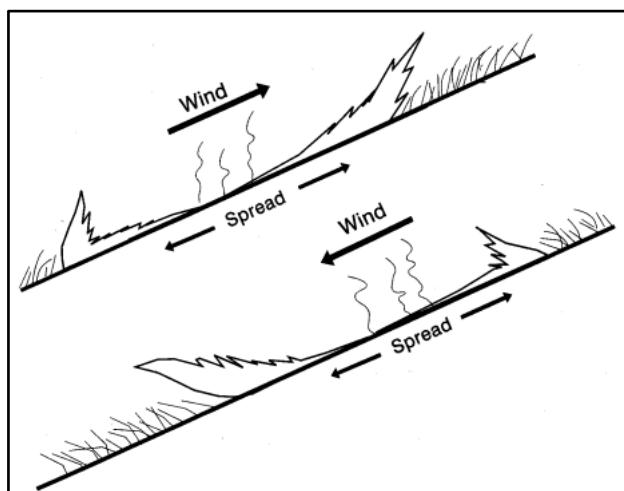
Slope



- Faster fire spread up the slope from the down slope
- Steeper slopes, the fire spread faster

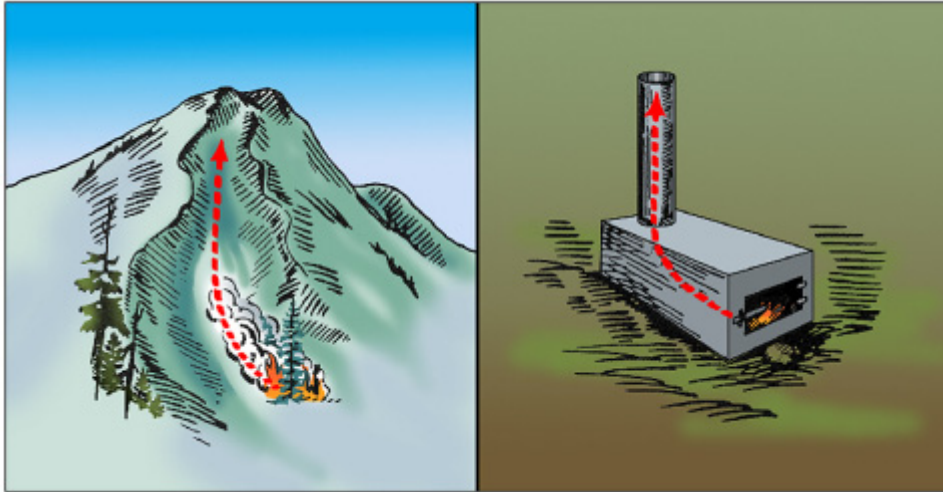


The wind that blew up the slope will increase the speed of propagation of fire, while the wind is blowing down the slope would reduce the flame propagation speed



Landscape Forms

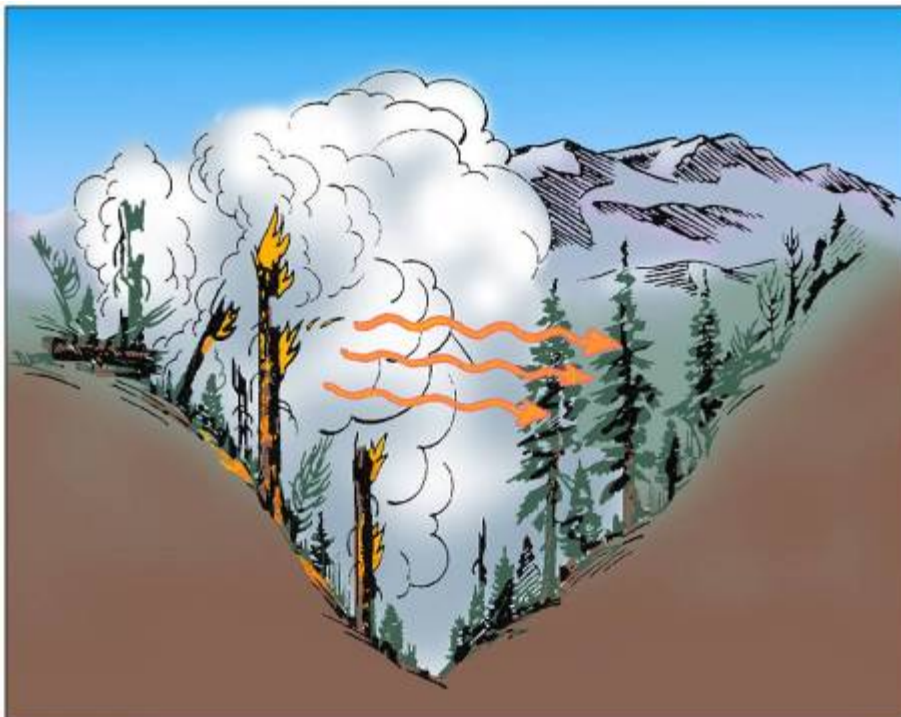
U shape canyon, the gorge narrows and forms an uneven topography can influence the wind direction and propagation



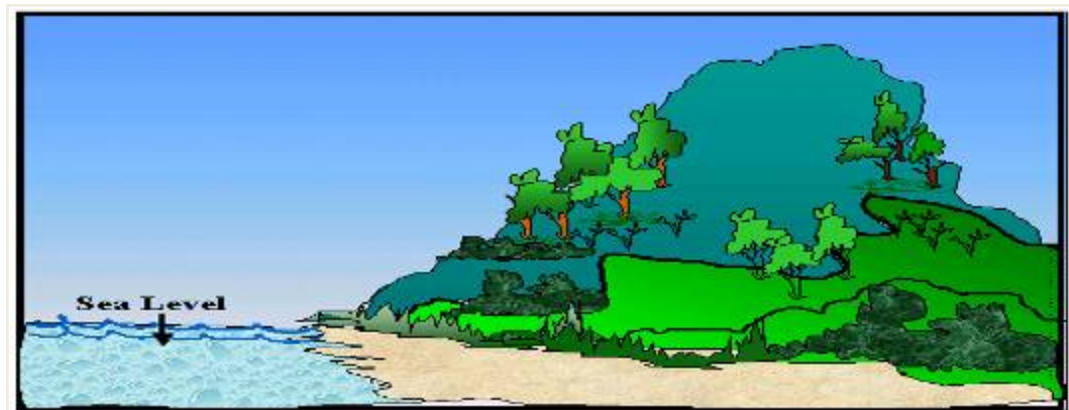
U and the effects of canyon shape chimney

Valley

Fire in a steep valley that could easily spread to the fuel in the opposite direction to radiation



Altitude of a region from above the sea surface is usually described in feet above sea level (fasl)



c. Bulkhead

- Represents an obstacle to the rate of flame propagation
- Shape bulkhead there is a natural and artificial



4. **Technique size up and Mop up**

a. Size up

Data collection activities undertaken in the field prior to extinction (ground checks)

Data collected includes the location of the fire, area, type of fuel, accessibility, safety of water sources and pathways

b. Mopping Up

Initial suppression activities or cleaning the remnants of fire

Activities undertaken are

- Turn the fire with non-mechanical devices (jet shotter) in the early extinction of flame propagation with the aim of localizing
- Clean up remnants of the fire after they finish doing burnout aims to ensure the fire completely extinguished.



5. Introduction Equipment Land and Forest Fire Manual

a. Two axes Function

Function: This tool is for cutting small trees, and can be used for gouging, scratching, and digging in the manufacture of insulation fire

Use

- Hold the stalk firmly ax premises legs slightly stretched position approximately 20 – 40 cm.
- Sharp side is used just like people with chainsaws, which is swung toward the lower side.
- Sides can pick used to dig the roots and is very useful for the manufacture of trench / groove



b. Cutters, hook grass and bushes

Function: This tool is to reduce the accumulation of fuel that is above the soil surface like a dry twig attached to the trees, dry leaves etc

Use

- Hold firmly and legs stretched sufficiently.



- Movement is both swinging sideways down or horizontal direction with a modest position.
- Most efficient when cutting angles 45° .

c. Machete

Function: This tool is used to clean up the shrubbery, tree branches at the time of entrance /stub to the location of fire and can also be used when the bulkhead fuel manufacture



Use

- Equipment on hold with steady and legs stretched sufficiently.
- Swing the side toward the bottom or horizontal direction with a modest position.
- The most efficient cutting angle is 45°

d. Saw

Function; tool is to cut branches of trees during road construction entrance / stub to the location of fire and can also be used when cutting small trees for fuel manufacture bulkhead



Use

- Equipment on hold with steady and legs stretched sufficiently.
- Tools digesekkan vertically or horizontally depending on the position of the tree to be cut.
- The most efficient cutting angle is perpendicular

e. Sharp rakes

Function: This tool is to collect the fuel surface, especially in the manufacture of fire or bulkhead ilaran fuel from small twigs



Use

- Hold firmly rakes sharply, the distance the hand is positioned so that a comfortable, standing body position with legs stretched enough. Then followed circuitry interesting movements (scratching)

f. Shovels

Function: On the side is very well-shaped hoe is used for cutting roots, making trenches and other ground work in making the bulkhead ilaran fuel or fire. On the side is very well shaped for cutting sharp thorny twigs, small trees, and plants that have been dried under



Use

- Used to scratch and can also be used for cutting.
- Hold the tool firmly and arranged so comfortable standing body position with legs stretched enough.
- Movement subsequently cut and pulled with a little downward pressure. Use the knee for support and reduce fatigue

g. Shovels Fire

Very good function is used to clod or mud in burning fuel so it can reduce fire intensity, and beat the fire until extinguished

Use

- Hold the tool firmly and arranged so comfortable standing body position with legs stretched enough.
- When scratched knees to prop arm use (to reduce fatigue).
- When throwing the dredged soil or other materials, use how to throw over the shoulder or lateral movement.

h. Hoe

Function Used to excavate the soil and pile it on the fire ground

Use

- Used for digging, scratching, hitting the fuel light and utnuk tossed into the embers of the fire ground.

- By holding the rod, standing slightly bent position of the body and legs stretched, swung a hoe to the ground and throw the dredged soil to the side of the fire agency's position

i. Swater - flapper

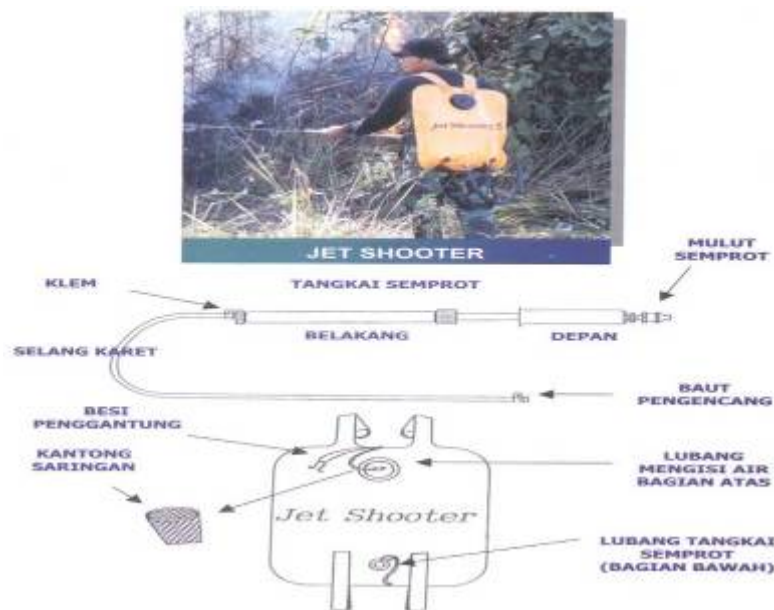
Very effective way to extinguish the fire with flame heights reached 1 (one) meter. Effective use of fire and tree limbs litter under the plant stands



Use

- Used to extinguish fires on the surface or kill the remnants of the former fire conflagration.
- Tools swung up and slapped pressure towards fire repeatedly until a fire pad

j. Backpack Pump/Jet Shooter



Function to spray water at the main fire, especially on bush fires. More effective for this type of surface fires.

Use

- First the rubber hose connected to spray the stem and tighten the clamps with a screwdriver.

- Rubber hose connected to a water bag bottom hole and tighten the bolts pengencangnya.
- Fill water into the pockets of the upper hole. When you wear dirty water filter. Water capacity is 18 liters

6. Introduction Equipment Land and Forest Fire Mechanical

The types of equipment used in conducting burnout

a. Portable water bath

The existence of portable water tanks (capacity 1000 s / d in 2500) is very helpful to shorten the distance from the scene of the fire water source

- Pump great power as the main supplier of water from water sources to approach the role of forests and of course a very large container vessel.
- To be closer to the fire location can be connected with a smaller pump which easily brought into the forest.
- Front line performance is utilizing well water in the water bath with a smaller pump or pump back.

b. Portable Water Pumps

A tool that serves to drain and discard water. Portable water pump on when disposing of water can be used with an interval size of 2.5 "and 1.5", besides it also has a portable water pump out the water pressure depends on the type of pump







Other fittings, hoses, nozzles, suction hose, compressor



Waster water hose



Compressor impulse gun: tool that serves to turn off or extinguish the fire canopy

 <p>Nozzle and the Branch; serves as director of water into hot spots</p>	 <p>Suction hose; tool that serves as an intermediary between the water with a spiral-shaped pump with 3 m long</p>
Hose Water Wasters	
 <p>Useful to bring water from a portable pump that will be aimed toward</p>	 <p>Wasters water hose; 2 Type Size (Size 2.5 "length 20 m and the size of 1.5" length 20 m) and two types of head (tip of the hose; machino / kind)</p>

Peat injections; serves as a nozzle that can extinguish the peat areas.
How to use: Insert Nozzle tip that has flowed water into the peat soil, and in turn so the water can spread into the soil evenly

Tuesday, July 13, 2010

1. Fire Danger Rating System

Definitively Fire Danger Rating System in Indonesia

a. **Fire Danger**

Assessment of factors such as ease terpicunya fire fire, fire spread speed, difficulty controlling the fire and fire impacts.

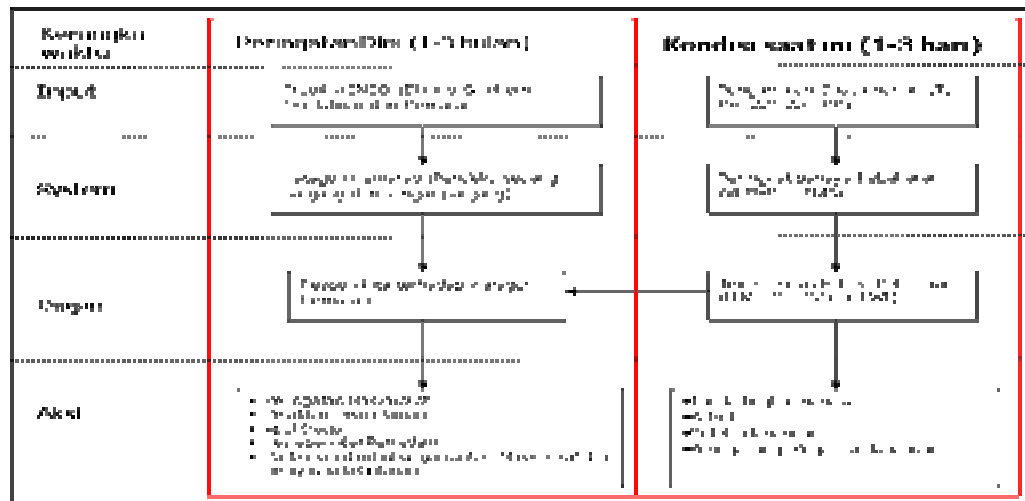
b. **Fire Danger Rating**

The process of systematically evaluating the factors that affect fire danger separately or in combination / simultaneously.

c. Fire Danger Rating System

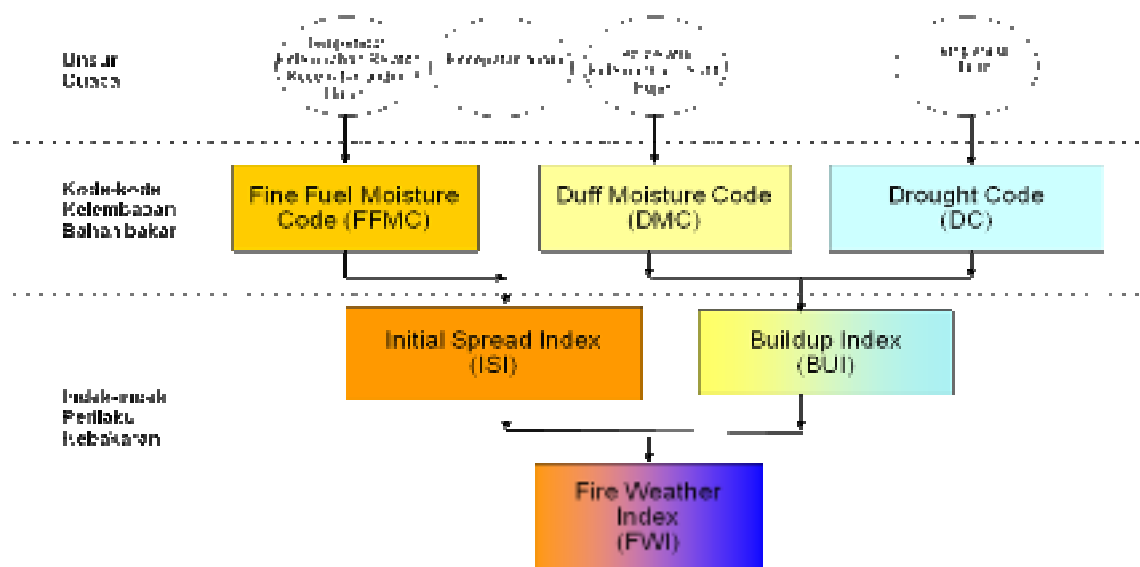
Early warning systems that estimate the level of danger of fire and its spread.

Procedure Early Warning System and Forest Fire Anticipation



Implementation Activities and Operationalization Fire Danger Rating System

a. The role of weather data in SPBK



b. Information provided by Fire Danger Rating System (FDRS)

- **Prevention**

- } Provide short and long term plans to identify vulnerable areas before they become critical.
 - } Provide combustion system of licensing plans

- **Monitoring**

- } Provide a daily indicator of fire danger important for air observation plans and implementation of early prevention

- **Mitigation**

- } Provide a model of optimal deployment of resources to overcome

- **Limitation of Dangers According Fire Danger Rating System Information**

- } Based on the definition of "Fire Danger", then the index FDRS to note is "Ease-FFMC fire ignition materials, difficulty controlling the ISI and the potential of fire-smoke and haze of smoke from the fire-DC".
 - } Each index SPBK classified into four classes (Low, Medium, High and Extreme) are used as indicators of danger, are also considered second-class change in the level of hazard classes (ex.Rendah to High, Medium to Extreme).
 - } An area classified as hazardous if FFMC are in high or extreme class for seven consecutive days and the area as agricultural land, plantation and peat (especially Sumatra and Kalimantan, the chances are great people to burn).

- **Code Interpretation drought**

Kelas	Nilai DC dihitung	Nilai DC disarankan	Interpretasi
Rendah	< 140,7	< 140	• Kondisi musim basah. Jika > 30 hari tanpa hujan menjadi kelas Sedang. Kabut asap tidak terjadi.
Sedang	140,7-264,4	140 - 260	• Kondisi normal pertengahan musim kering. Jika antara 15 hingga 30 hari tanpa hujan menjadi kelas Tinggi. Pembakaran harus dipantau.
Tinggi	264,4- 346,9	260 - 350	• Kondisi normal puncak musim kering. Jika antara 5 hingga 15 hari tanpa hujan mencapai kelas Ekstrem. Seluruh pembakaran di atas lahan gambut dilarang. Prakiraan cuaca harus terus dipantau untuk mengantisipasi terjadinya musim kering panjang.
Ekstrem	>346,9	> 350	• Kondisi bahaya kekeringan. Kurang dari 5 hari tanpa hujan mengakibatkan kabut asap hebat. Pembakaran sepenuhnya dilarang.

2. Practice Strategies and Team Formation


a. Strategies and Team Formation

Forest fire prevention group must have a team formation, in order to facilitate the division of tasks. The division of the team include team leader and members. Each member will perform duties according to their functions. Here is the numbering that will be associated with the function of each member ;

Start				
1	2	3	4	Go Portable Lifting Pumps Water Source
		5	6	Lifting Vacuum Hose To Water Sources
			2	Connect the vacuum hoses, operate pumps and hoses to connect waster brought by the number 4 to the pump
			3	Helping the number two and keeping the vacuum hose connecting the vacuum hose in the correct position
			4	Bring two pieces hose thrower, one submitted to the number two and the end of the hose was brought to five the number and connect the hose at the dump which brought the number five is a fruit as a backup hose. number four also served as the control of the drain hose
			5	Bring two pieces hose waster, a fruit delivered to the number 4 and taken to the end of the hose nozzle and nozzle connects brought the number six, while a fruit dump as a backup hose

Finish				
			2	Remove the hose from the pump and dump off the vacuum hose from the pump with three numbers. Lifting the vacuum hoses and pumps, together with the number 3, 4 and 5
			3	Helping the number two off the vacuum hose, vacuum hose up to the number two and lift pump along with the numbers 2, 4 and 5
			4	Disconnect the middle after that remove water from the hose pump dischargers and raised together with the numbers 2, 3 and 5
			5	Disconnect from the nozzle and then dispose of waster water from the hose and lift pump along with the numbers 2, 3 and 4
			6	Bring the nozzle and the hose back up and then roll up a discarded water hose ole number four
			1	Roll up the hose that the water discharged by the number 5

b. Simulation of Fire

	<p>The team's preparations prior to fire suppression activities</p>
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The team engaged in checking the equipment to be used for fire fighting




Bring the compressor as a vacuum of water to the edge of the river



Adjust the position of the water hose, to start the process of fire fighting



Preparing to start spraying water into the burned forest sites

	<p>The process of ongoing forest fire fighting</p>
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	<p>After running the task team, gathered back and counted the number of team personnel. After that jointly collect back all the existing equipment and checking equipment</p>
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	<p>Evaluation team to identify deficiencies in practice and how to fix it to improve performance</p>
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	<p>Formation of groups with a brigade of land and forest fire control, Seruyan Hilir Sub-district</p>
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PT. Rimba Raya Conservation

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BIODATA PESERTA

I. DATA PRIBADI

N a m a : SAWALDI ALWI
Tempat tgl lahir : KUALA PEMBUANG 14 Juli 1987
Alamat lengkap : T. RANGAS
Telephon :
Pendidikan : SMA
Pekerjaan : Swasta



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

Zahitan, Seruyan Hilir
13, Juli 2010

Peserta,


(Sawaldi Alwi)



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : M. Yusuf
Tempat tgl lahir : Muara Dua 25 Des 1970
Alamat lengkap : Muara Dua

Telephon :
Pendidikan : SD
Pekerjaan : Tani



II. KEGIATAN PELATIHAN YANG PERNAH DIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran
1	Pelatihan MPA	2007	Muara Dua	Kelua
2.	Sosialisasi rimba raya	2009	Kuala Pembuang	Anggota

Jahim, Seraya Hilir
...13, Juli 2010

Peserta,


(.....M. Yusuf.....)



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : Arbani
Tempat tgl lahir : Muara Dua 19 Juni 1966
Alamat lengkap : Muara Dua
Telephon :
Pendidikan : SD
Pekerjaan : Nelayan



II. KEGIATAN PELATIHAN YANG PERNAH DIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran
1	Pelatihan MPK	2007	Muara Dua	Anggota
2.	Sosialisasi Rimba Raya	2009	Kuala Perahu	Anggota

....., Juli 2010

Peserta,

(..... Arbani)



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : Rudi Ansyah
Tempat tgl lahir : Tanjung Rangsang, 05 Januari 1972
Alamat lengkap : T. Rangsang
Telephon : 08565158709
Pendidikan : SD
Pekerjaan : Set. des



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran
1	Sosialisasi rimba raya	2009	Kuala Pembuang	Peserta

....., Juli 2010

Peserta,


(..... Rudi Ansyah)



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BIODATA PESERTA

I. DATA PRIBADI

Nama : GERY
Tempat tgl lahir : BANG 07-07-1998
Alamat lengkap : TANJUNG RANGAS
Telephon :
Pendidikan : SLTP
Pekerjaan : SWASTA



II. KEGIATAN PELATIHAN YANG PERNAH DIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,


GERY



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : Suryadi
Tempat tgl lahir : Muara dua, 07 Agustus 1981
Alamat lengkap : Muara Dua
Telephon :
Pendidikan : SD
Pekerjaan : Nelayan



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran
1.	Pelatihan MP4	2007	Muara Dua	Peserta
2.	Sosialisasi rimba raya	2009	Kuala Peninsang	Peserta

....., Juli 2010

Peserta,


(.....Suryadi.....)



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : Dian
Tempat tgl lahir : Sungai undang, 28 Sept 1975
Alamat lengkap : Muara Dua

Telephon :
Pendidikan : SD
Pekerjaan : Swasta



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,

()



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : Pajriansyah
Tempat tgl lahir : T. Pangal, 29. Sept 1983
Alamat lengkap : T. Pangal
Telephon :
Pendidikan : SD
Pekerjaan : Swasta



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,


(.....Pajriansyah.....)



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Tel: +6221 5289 7446 & Fax: +6221 5289 7399

BIODATA PESERTA

I. DATA PRIBADI

N a m a : LUKMAN HAKIM
Tempat tgl lahir : BALING - 2/3/1991
Alamat lengkap : DESA BALING

Telephon : 085752702085
Pendidikan : (SD)
Pekerjaan : TANI



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,


(.....)
LUKMAN



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : MITRO
Tempat tgl lahir : BAUNG - 1 / 1 / 1991
Alamat lengkap : D. BAUNG.
Telephon : ~~085751949793~~ 085751949793
Pendidikan : < SD. >
Pekerjaan : SUWASTA.



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,

(MITRO.....)



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BIODATA PESERTA

I. DATA PRIBADI

Nama : YATMO.
Tempat tgl lahir : F. Pembuang 12-Juli -1981
Alamat lengkap : Ds. T. Rangas
Telephon : 081528809343 / 085249863490
Pendidikan : SD
Pekerjaan : Swasta.



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,


(.....)
(.....)



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : BASRI
Tempat tgl lahir : b. pembuang, 05 Januari 1960
Alamat lengkap : Ds. Bawang
Telephon : 085654068310
Pendidikan : SD
Pekerjaan : Tani



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,

(..... BASRI)



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : MARTO
Tempat tgl lahir : Berabai, 15 Januari 1963
Alamat lengkap : Muara Dua

Telephon :
Pendidikan : SD
Pekerjaan : Tani



II. KEGIATAN PELATIHAN YANG PERNAH DIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran
1.	Pelatihan MPA	2007	Muara Dua	Peserta
2.	Sosialisasi rimba raya	2009	Kuala Pembuang	Peserta

....., Juli 2010

Peserta,

(.....MARTO.....)



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : IWAN
Tempat tgl lahir : DESA JAHITAN 05.5 1990
Alamat lengkap : ~~DESA JAHITAN~~ JAHITAN
Telephon : 085732775992
Pendidikan : SD
Pekerjaan : NELAYAN




II. KEGIATAN PELATIHAN YANG PERNAH DIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,

(..........)



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : Ariyanto.
Tempat tgl lahir : Jaitan. - 12 - 12 - 1973
Alamat lengkap : Ds. Jaitan.
Telephon : 085820842269.
Pendidikan : SMP.
Pekerjaan : nelayan.



II. KEGIATAN PELATIHAN YANG PERNAH DIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,

(.....)
Ariyanto.



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : Riyan
Tempat tgl lahir : Jathitan, 25 - 5 - 1989
Alamat lengkap : Desa Jathitan

Telephon : 085451981594
Pendidikan : SD
Pekerjaan : relawan



II. KEGIATAN PELATIHAN YANG PERNAH DIIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,

()
Riyan



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : EDY SULIS TIONO
Tempat tgl lahir : JAHITAN 20 JANUARI 1990
Alamat lengkap : DESA. JAHITAN

Telephon : 081528841993
Pendidikan : SMA
Pekerjaan : SUWASTA

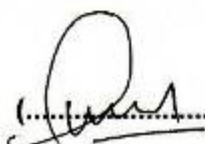


II. KEGIATAN PELATIHAN YANG PERNAH DIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,


(.....)



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BIODATA PESERTA

I. DATA PRIBADI

N a m a : SUPIAN
Tempat tgl lahir : JAHITAN 02-05-1991
Alamat lengkap : DESA JAHITAN
Telephon : 085752433295
Pendidikan : SD
Pekerjaan : SUASTA



II. KEGIATAN PELATIHAN YANG PERNAH DIKUTI

No	Jenis Kegiatan	Tahun	Lokasi	Peran

....., Juli 2010

Peserta,

(.....*Supian*.....)



PT. RIMBA RAYA
CONSERVATION

DAFTAR HADIR PELATIHAN

Pokok Bahasan : GD, BASIC & FINE BEHAVIOR Tempat : JAHITAN
Hari/Tanggal : SENIN, 12 JULI 2010 Desa/Kecamatan : JAHITAN, SEKUPAN HILU

NO	NAMA	PEKERJAAN	ALAMAT	TANDA TANGAN
1	Rudiansyah	Sek. Tj. Pangas	Tj. Pangas	1
2	Sawalati Alwi	Swasta	Tj. Pangas	2
3	GERY	Swasta	Tj. Pangas	3
4	Fajri	Swasta	Tj. Pangas	4
5	Latno	Swasta	Tj. Pangas	5
6	M. Yusup	Kaur. Pang	m. dua.	6
7	Arbani	-	-	7
8	SURYADI	NELAYAN	-	8
9	SIYAN	NELAYAN	-	9
10	Matto	TANI	-	10
11	Yanto.	nelayan.	Jahitan	11
12	Rijan	nelayan	Jahitan.	12
13	IWAN	NELAYAN	JAHITAN	13
14	SUPIAN	-	-	14
15	EDY SULISTIONO	TANI	JAHITAN	15
16	LED A	ASAPASTA	BAUNG	16
17	LUKMAN	TANI	BAUNG	17
18	MITRO	TANI	BAUNG	18
19				19
20				20





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CONSERVATION

DAFTAR HADIR PELATIHAN

Pokok Bahasan : **SIKUP & MOPUP, INTRODUK. MANUAL/MECHANIS** Tempat : **JAHITAN**
Hari/Tanggal : **SENIN, 12 JULI 2010** Desa/Kecamatan : **JAHITAN, KEC. SERUYAN HILIR**

NO	NAMA	PEKERJAAN	ALAMAT	TANDA TANGAN
1	Rudiansyah	Sek. Tj Rangas	Tj Rangas	1
2	Samaldi Alwi	Swasta	Tj. Pangas	2
3	GERY	SWASTA	Tj Rangas	3
4	FAIRI	Swasta	Tj. Rangas	4
5	Latno	Swasta	Tj. Rangas	5
6	M. Yusup	Kaw. Rangas	M. dua	6
7	arbanie	-	-	7
8	SURYADI	NELAYAN	-	8
9	GINAN	NELAYAN	-	9
10	Matto	TANI	-	10
11	Yanto.	Nelayan	Jahitan	11
12	Riyan	Nelayan	Jahitan	12
13	Iwan	NELAYAN	JAHITAN	13
14	SUPIAN	-	-	14
15	EDY SUCISTIONO	TANI	JAHITAN	15
16	LEDA	SWASTA	BALING	16
17	LUKMAN	TANI	BALING	17
18	MITRA	TANI	BALING	18
19				19
20				20

Mengetahui,

(Supriyati)
KORPORASI RIMBA RAYA



PT. RIMBA RAYA
CONSERVATION

DAFTAR HADIR PELATIHAN

Pokok Bahasan : FIRE DANGER RATING SYSTEM
 Hari/Tanggal : 13 JUNI 2016
 Tempat : PANGSISE PETAH PONTASIA
 Desa/Kecamatan : JAMITAN, SERUYAN HILIR

NO	NAMA	PEKERJAAN	ALAMAT	TANDA TANGAN
1	Rudwan Syah	SER. Tj Rangas	Tj. Rangas.	1
2	Zahra	Sulasta	Tj. Rangas	2
3	Sandi Alwi	Sulasta	Tj. Rangas	3
4	Cety	Sulasta	Tj. Rangas	4
5	Fairi Anisah	Sulasta	Tj. Rangas	5
6	M. Yusup	Kaur Rang	m. dua.	6
7	Anbarne	melayan.	m dua.	7
8	Warto	TANI	m dua	8
9	SURYADI	NELAYAN	=	9
10	DIYAN	NELAYAN		10
11	Lukman	TANI	BAUNG	11
12	BASRI	SUWATA.	BACING	12
13	MITRO	TANI	BAUNG	13
14	Riyan.	Tani	Jahitan.	14
15	IWAN	NELAYAN	JAHITAN	15
16	Yanto.	nelayan.	Jahitan.	16
17	SUPIAN	-II-	-II-	17
18	EDY SIKISTONO	TANI	Jahitan	18
19				19
20				20





PT. RIMBA RAYA
CONSERVATION

DAFTAR HADIR PELATIHAN

Pokok Bahasan : PRACTISE & TEAM FORMATION Tempat :
Hari/Tanggal : SELASA, 13 JULI 2016 Desa/Kecamatan : JAKITAN, SERUYAN HILIR

NO	NAMA	PEKERJAAN	ALAMAT	TANDA TANGAN
1	Rudion Syah	PEK. Tj. Pangas	Tj. Pangas	1
2	Yatno	Swasta	Tj. Pangas	2
3	Sauwadi Alwi	Swasta	Tj. Pangas	3
4	GERY	Swasta	Tj. Pangas	4
5	KRINI ANSTAH	Swasta	Tj. Pangas	5
6	M. Yusup	Kantor Bang	m. desa.	6
7	arhani	militeran.	m. desa.	7
8	marito	TANI	m. DUA	8
9	SURVADI	NELAYAN	=	9
10	DIYAN	NELAYAN		10
11	LUKMAN	TANI	BAUNG	11
12	BASRI	SWASTA	BAUNG	12
13	MITRA	TANI	BAUNG	13
14	Rihan	TANI	Jahitan	14
15	Iwan	NELAYAN	Jahitan	15
16	yanto.	NELAYAN	Jahitan	16
17	Supian	-11-	-11-	17
18	EDY SULIS TIONO	TANI	Jahitan	18
19				19
20				20

