

CORRECTED 0800  
**INCIDENT ACTION PLAN**  
**HENTHORNE INCIDENT**

CA-MNF-000485

PCODE: P5MRR2 (0508)

Wednesday



**OPERATIONAL PERIOD**





9/11/2019 0700

9/11/19 to  
9/12/2019 1900

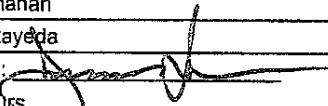





# INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> <p style="text-align: center;">Henthorne</p>	<b>2. Operational Period:</b> Date From: 9/11/2019    Date To: 9/12/2019 Time From: 0700    Time To: 1900	
<b>3. Objective(s):</b> <u>Management Objectives</u> Provide for public and responder safety at all times Protect property, improvements, and infrastructure Keep costs commensurate with values at risk Ensure coordinated, timely and accurate release of public information Foster and maintain relationships with all cooperators and stakeholders As safely as possible, and in considerations of resources threatened, contain fire at smallest possible size Key resource considerations are: - Use appropriate suppression tactics for land management objectives, including MIST (Minimal Impact Suppression Tactics) - NSO Activity Center ~ minimize tree and snag removal - Heritage resources – maintain coordination with Archaeology Resource Advisor (READ/REAF) for suppression and suppression repair activities - Adjacent private lands and structures		
<u>Control Objectives</u> -Keep the fire East of Horse Ridge  -Keep the fire South of Big Butte  -Keep the fire West of Wrights Ridge  -Keep the fire North of Red Rock Creek		
<b>General Situational Awareness:</b>  Beware of heat related injuries  Watch out for snags  Watch out for rolling and falling material  Steep, narrow, winding roads and narrow bridges		
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
<b>Approved Site Safety Plan(s) Located at:</b>		
<b>6. Incident Action Plan</b>		
<input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input checked="" type="checkbox"/> ICS 206 <input checked="" type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> ICS 215A <input type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Incident Map <input checked="" type="checkbox"/> Weather Forecast <input type="checkbox"/> Fire Behavior	<input type="checkbox"/> Phone List <input type="checkbox"/> Training Message <input checked="" type="checkbox"/> Travel Map <input type="checkbox"/> Demob Plan <input type="checkbox"/> Finance Message <input type="checkbox"/> Fire Suppression Repair Plan <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> ICS 214
<b>7. Prepared By:</b> Jim Irving	<b>Position/Title:</b> PSC	<b>Signature:</b> 
<b>8. Approved by Incident Commander:</b>	Tony Arendt	<b>Signature:</b> 
ICS 202		

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> Henthorne		<b>2. Operational Period: Date From:</b> 9/11/2019		<b>Date To:</b> 9/12/2019	
		<b>Time From:</b> 0700		<b>Time To:</b> 1900	
<b>3. Incident Commander(s) and Command Staff:</b>			<b>7. Operation Section:</b>		
IC/UC's	Tony Arendt	Operations			
Deputy		Deputy Operations			
Safety Officer	Dave Glenn	Night Ops			
Information Officer	MNF Sandra Moore	Staging Area			
Liaison Officer		Branch		I	
<b>4. Agency/Organization Representatives:</b>		Division/Group		A	
Agency/Organization	Name	Division/Group		Shawn Burt	
CDCR	Jeff Nixon	Division/Group		Z	
Redwood Empire Forest Products	Jesse Weaver	Division/Group			
Cal OES	Mark Courson	Staging Area			
CCC	Ben Herbert	Branch			
CAL FIRE	<del>Dave Diggs</del>	Division/Group			
		Division/Group			
		Division/Group			
		Division/Group			
		Division/Group			
		Branch		III	
		Division/Group			
		Division/Group			
		Division/Group			
		Division/Group			
		Branch		IV	
		Division/Group			
<b>5. Planning Section:</b>			Division/Group		
Chief	Jim Irving	Division/Group			
Deputy	Shilo Springstead	Division/Group			
Resource Unit	Gwyndolyn Ozard	Division/Group			
Situation Unit	Jeff Davidson	Branch		V	
Documentation Unit		Division/Group			
Demobilization Unit	Jay Fazio	Division/Group			
GISS	Angela Chongpinitchai	Division/Group			
FBAN		Division/Group			
IMET		Division/Group			
Training Tech Spec		Air Operations Branch		Director	
Crew Tech Spec	Justin Petersen	Air Support Group Supervisor			
Human Resources Spec	Michell Hale	Air Tactical Group Supervisor			
<b>6. Logistics Section:</b>			Helibase Manager		
Oak Park Base	Mike Guitierrez				
Covelo Station Base	Steve Watkins	<b>8. Finance/Administration Section:</b>			
Supply Unit	Justin Smith	Chief		Patsy Michel	
Base Camp Manager	Jeff Tomlinson	Time Unit			
Ground Support Unit		Equipment/Time		Janey Espinoza	
Communications Unit	Scott Gamba	Comp/Claims Unit			
Medical Unit	Jeff Davidson	Cost Unit		Tami Monahan	
		Personnel/Time		Scott Sakayeda	
<b>Prepared By: Name:</b>	Jim Irving	<b>Position/Title:</b>	PSC	<b>Signature:</b>	
<b>ICS 203</b>		<b>Date/Time:</b>	9/10/2019 2300 hours		

<b>Weather Forecast</b>	<b>Latitude:</b> 40.0500	<b>Longitude:</b> -123.1500	<b>NWS Fire Weather</b>	<b>Update</b>
<b>1. Incident Name:</b> Henthorne	<b>2. Operational Period:</b>	Date From: 9/11/19 Time From: 0700	Date To: 9/12/19 Time To: 1900	Last Update 9-9-19 1700 hours
<p>Spot Forecast for Henthorne Incident (update)...Mendocino National Weather Service Eureka CA 454 PM PDT Tue Sep 10 2019</p> <p>Please contact our office at (707) 443-6484, if you have questions or concerns with this forecast.</p> <p>DISCUSSION...Winds will begin to become more northerly but similar to what you have been seeing around the fire during the past couple of days. Overall winds will tend to be lighter, and largely terrain-driven through the end of the week. Temperatures will warm up on Wednesday, and more on Thursday, with seasonably warm and dry conditions persisting through the weekend. RH recoveries will not be as good starting Wednesday night, perhaps only 45 to 50 percent for the mid and upper slopes.</p> <p>WEDNESDAY...</p> <p>Sky/weather.....Sunny. CWR.....0 percent. LAL.....1. Max temperature....Around 75. Min humidity.....31 percent. Wind (20 ft).....Northeast winds 5 to 6 mph in the morning...becoming variable 2 to 4 mph. Mixing height.....100 ft AGL increasing to 4800-6700 ft AGL late in the morning. Transport winds....Northeast around 5 mph.</p> <p>WEDNESDAY NIGHT...</p> <p>Sky/weather.....Clear. CWR.....0 percent. LAL.....1. Min temperature....Around 45. Max humidity.....48 percent. Wind (20 ft).....North winds 5 to 7 mph. Mixing height.....5200 ft AGL decreasing to 100-200 ft AGL early in the evening. Transport winds....North around 10 mph.</p> <p>THURSDAY...</p> <p>Sky/weather.....Sunny. CWR.....0 percent. LAL.....1. Max temperature....Around 82. Min humidity.....21 percent. Wind (20 ft).....Northeast winds around 5 mph...shifting to the north in the afternoon. Mixing height.....100 ft AGL increasing to 6400-8200 ft AGL. Transport winds....Northeast around 6 mph.</p>				
<b>PREPARED BY:</b> Jeff Davidson	<b>Date/Time:</b> 9/9/19 1700 hours			



# ASSIGNMENT LIST (ICS 204 WF)

CONTROLLED UNCLASSIFIED  
INFORMATION/BASIC

<b>1. Incident Name:</b> Henthorne		<b>2. Operational Period:</b> Date From: 09/11/19    Date To: 09/12/19 Time From: 0700    Time To: 1900				<b>3. Branch</b> I		<b>Division</b> Z	
<b>4. Operations Personnel:</b>						Page 1 of 1		Zulu	
Operations Section Chief:				Night Ops:					
Branch Director:				Branch Safety: <b>Dave Glenn</b>					
Division/Group Supervisor: <b>Fred Burger</b>				Air Attack:					
<b>5. Resources Assigned:</b>		<b>** All Resources are 12 Hour **</b>							
Resource Identifier	ALS	LWD	Leader	Personnel	Request #	Hours	Reporting Location		
ENG CNF 622			Grambs, Miguel	4	E-109	0700-1900	162 X Shortcreek Rd @ M.M 34		
ENG ADAMS 300			Chico, Andrew	3	E-111	0700-1900	162 X Shortcreek Rd @ M.M 34		
ENG ROGUE RIVER 3			Christian	3	E-94	0700-1900	162 X Shortcreek Rd @ M.M 34		
ENG PIERCE 20			Fullerton, Tom	3	E-95	0700-1900	162 X Shortcreek Rd @ M.M 34		
ENG ADAMS 623			Holter, Paula	3	E-112	0700-1900	162 X Shortcreek Rd @ M.M 34		
CRW Inbound C-28			McCain, Kyle	20	C-28	0700-1900	162 X Shortcreek Rd @ M.M 34		
CRW Diamond Fire C-29			Emery, Brad	16	C-29	0700-1900	162 X Shortcreek Rd @ M.M 34		
CRW 26 C-30			Manion, Mike	20	C-30	0700-1900	162 X Shortcreek Rd @ M.M 34		
W/T PVT E-8				2	E-8	0700-1900	162 X Shortcreek Rd @ M.M 34		
W/T PVT E-28			Ford, Gary	2	E-28	0700-1900	162 X Shortcreek Rd @ M.M 34		
READ BROKESHIRE O-85			Brokenshire, Chelsie	1	O-85	0700-1900	162 X Shortcreek Rd @ M.M 34		
<i>ENG SWR 8430 (FROM A)</i>									
<i>CRW BIEI BFAR IHC (FROM A)</i>									
<i>W/T PVT E-18 (FROM A)</i>									
<i>W/T PVT E-26 (FROM A)</i>									
<b>6. Work Assignments:</b>		<p>Mop up 300' in from control line. <i>FALM 0-99 (from A)</i></p> <p>Backhaul trash. <i>FALM 0-97</i></p> <p>Fall hazard trees and snags ONLY where they are hazards to responder safety.</p> <p>Identify and document suppression repair needs.</p>							
<b>7. Special Instructions:</b>									
<b>8. Communications</b>									
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes		
MNF FIRE RPT	1	COMMAND	171.5500		164.5000	123.0 (T2)	ANTHONY PEAK TONE 2		
NIFC T5	6	TACTICAL	166.7250		166.7250				
NIC A/G	14	AIR TO GROUND	169.2875		169.2875		***AIR TO GROUND***		
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)			
GUARD	16	EMERGENCY	168.6250		168.6250	110.9 (T1)	EMERGENCY USE ONLY		
<b>9. Prepared by: Name:</b>		Gwyndolyn Ozard			RESL				
Signature: <i>Gwyndolyn Ozard</i>									
<b>ICS 204</b>		Date/Time: 9/10/2019 2200			Personnel Count: 77				

# ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

CONTROLLED UNCLASSIFIED  
INFORMATION/BASIC

1. Incident Name: Henthorne  
 Incident Channels: [Blank]  
 2. Date/Time Prepared: Date: 09/10/2019 Time: 1930  
 3. Operational Period: Date From: 09/11/19 Date To: 09/12/19  
 Time From: 0700 Time To: 1900

Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	COMMAND	MNF FIRE RPT	ALL DIVS	171.5500		184.5000	123.0 (T2)	ANTHONY PEAK TONE 2
2								
3								
4	TACTICAL	NIFC T1	DIV A	168.0500		168.0500		
5								
6	TACTICAL	NIFC T5		166.7250		166.7250		
7								
8								
9								
10								
11								
12								
13								
14	AIR TO GROUND	NIC A/G	ALL DIVS	169.2875		169.2875		*** AIR TO GROUND***
15	MEDICAL	CALCORD	ALL DIVS	156.0750	156.7 (T6)	156.0750	156.7 (T6)	
16	EMERGENCY	GUARD	ALL DIVS	168.6250		168.6250	110.9 (T1)	EMERGENCY USE ONLY
17								
18								
19								
20	EMERGENCY	GUARD	ALL DIVS	168.6250		168.6250	110.9 (T1)	EMERGENCY USE ONLY

5. Special Instructions

6. Prepared by (Communications Unit Leader): Name: Scott Gamba

ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION/BASIC

Signature:   
 Date/Time: 09/10/19 1930

NIMS IAP



## MEDICAL PLAN (ICS 206)

<b>1. Incident Name:</b> <p style="text-align: center;">Henthorne</p>		<b>2. Operational Period:</b> Date From: 9/11/19 Date To: 9/12/19 Time From: 0700 Time To: 1900					
<b>3. Medical Aid Stations:</b>							
Name	Location	Contact Number/Freq	Paramedics				
<b>4. Transportation (Indicate air or ground):</b>							
Ambulance Service	Location	Contact Number	Level of Service				
<b>5. Hospitals:</b>							
Hospital Name	Address,		Travel Time		Trauma Center	Burn Center	Helipad
	Lat & Long	Helipad	Frequency	Air			
Howard Memorial Hospital	One Marcela Dr, Willits		707-459-6801	10 min	45 min	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ukiah Valley Medical Center	275 Hospital Dr, Ukiah		707-462-3111	15 min	70 min	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UC Davis	2315 Stockton Blvd, Sacramento		916-734-2011	45 min	3 hr	Level 1	<input checked="" type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
<b>6. Special Medical Emergency Procedures</b>							
<b>Line Emergency</b> Crew Supervisor will contact Division Supervisor with patient complaint/condition and location. - Division Group Supervisor Contacts: 1. Closest EMS resource 2. Communications Unit - Communications Unit Contacts: 1. Ground or Air ambulance as requested. 2. Operations 3. Safety 4. Medical Unit - Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel. 1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of the emergency. - Communications Unit will clear the Command channel for emergency traffic as needed for duration of the need.  <b>Camp Emergency</b> For in camp medical issues, contact OPS or IC with nature and needs				<b>Injury Reporting Procedures</b>  Nature of Injury: _____ Location of Patient: _____ Point of Contact: _____ Transportation Requested by: Air _____ Ground _____ Point of Pick-Up: _____ Lat: _____ Long: _____ Patient Unit ID: _____ Is an EMT with Patient: Yes _____ No _____ Age: _____ Sex: Male _____ Female _____  <b>All Emergencies - Secure the area and identified witnesses for later investigation. Keep accurate log of events.</b>			
<input type="checkbox"/> Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.							
<b>7. Prepared by (Medical Unit Leader):</b> <p style="text-align: center;">Jeff Davidson</p>				Signature:			
<b>8. Approved by (Safety Officer):</b> <p style="text-align: center;">Dave Glenn</p>				Signature:			
ICS 206		NIMS IAP		Date/Time: _____			

## SAFETY MESSAGE/PLAN (ICS 208)

1. Incident Name: <p style="text-align: center;">Henthorne</p>	2. Operational Period:	Date From: <u>9/11/19</u> Time From: <u>0700</u>	Date To: <u>9/12/19</u> Time To: <u>1900</u>
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### MY SAFETY

An important aspect of safety is individual responsibility for one's own health & safety. Even with the best supervision, each individual firefighter will occasionally be required to make personal decisions concerning their safety. It is important that individual responsibility be taught as the basis for a viable safety program. Some of those individual responsibilities are:

***Fitness for duty.*** Begin each work shift both mentally and physically prepared for the rigors of wildland firefighting. Getting adequate sleep, maintaining a healthy diet, and proactively participating in physical training are the foundation of "My Safety".

***Utilization of personal protective equipment.*** Wear your PPE without being told. Each individual is responsible for performing their own risk assessments. If a hazard is identified that can be mitigated by wearing a particular PPE component it should be utilized. Fireline supervisors have more important duties to focus on other than performing glove patrol.

***Following safe work practices.*** Using a spotter when backing up vehicles is the prudent and professional course of action. If you are unsure of how to perform a job task safely, ask your supervisor or experienced coworker.

***Using the correct reference materials is an important aspect of safety.*** You should have a working knowledge of the Red Book, IRPG, and your local operating guidelines.

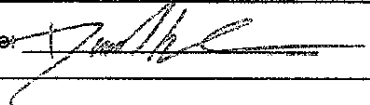
***Ensure instructions are clearly understood.*** Communication is a basic responsibility for all fire personnel. Ask appropriate questions to clarify uncertain issues. Speak up when you observe hazards that may place yourself or others at risk.

***Maintain situational awareness at all times.*** Awareness is a vital component of "My Safety". Pay attention to what is happening around your area of operations. Always display an awareness of what is happening around you by asking questions or making comments.

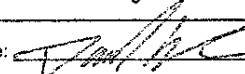
***Summary:*** Do not expect someone else to be responsible for your safety. Take it upon yourself to make "My Safety" your number one priority.

4. Site Safety Plan Required?  No  
 Approved Site Safety Plan(s) Located At:

5. Prepared By: Dave Glenn Position/Title: SOFR  
 ICS 208 Date/Time: 9/10/2019 / 2030

Signature: 

## INCIDENT ACTION PLAN SAFETY ANALYSIS (ICS 215A)

<b>1. Incident Name:</b> Henthorne	<b>2. Operational Period:</b>	Date From: 9/11/19	Date To: 9/12/19
		Time From: 0700	Time To: 1900
<b>Incident Area</b>	<b>Hazard/Risks</b>	<b>Mitigations</b>	
ALL	FATIGUE	Be alert for signs of fatigue and take breaks as necessary. Drink water before, during and after your shift. Be alert for signs of heat disorder in yourself and others. Set reasonable work pace, allow adequate rest breaks.	
ALL	DRIVING HAZARDS	Drive defensively! Expect the unexpected around every turn. Be very cautious of bridges, use spotters when crossing, no guard rails. Drive with headlights on, use wheel chocks and always look before backing. Increase following distances on dusty roads. Avoid distractions (eating, cell phones). Ensure windshields are kept clean.	
ALL	WEATHER	Be thoroughly familiar with weather predictions and monitor conditions on the ground for changes. Carry proper equipment. Take weather regularly.	
ALL	DEHYDRATION	Drink water before, during, and after your shift (6-8 qts/shift). Maintain water/electrolyte ratio of 3 to 1. Refer to Heat Related Injury information, IRPG Pg 109. Logistics will have water available.	
ALL	SECURITY	Secure all equipment on or in all vehicles. Keep windows rolled up and doors locked when not in vehicle. Keep personal items out of site when vehicle is not occupied.	
ALL	CHAIN SAW OPERATIONS	Follow "Hazard Tree Safety" guidelines, IRPG Pg 22 Follow "Procedural Felling Operations" IRPG Pg 85. Look up, Look down, Look around for hazard tree indicators. Only fell and buck trees within your expertise, and training. Do not fall trees during high wind events. Ensure proper use of all required PPE.	
ALL	COMMUNICATION	Maintain communication with suppression organizations and aviation resources. Utilize the IAP 205.	
ALL	FIRELINE HAZARDS	Watch for falling and rolling debris on steep slopes. Avoid stepping over debris that could roll by walking around object. Don't work above any personnel Use caution when working around stump holes/ash pits. Avoid radiant heat by wearing appropriate PPE correctly. Use correct tool for task assigned.	
ALL	INJURY & MEDICAL EMERGENCY	Expect lengthy ground response/transport times. Utilize air transport if warranted and possible. Assist injured employee appropriate medical care. Use EMT/Medics on Division for Initial care. Follow "Emergency Medical Care" IRPG Pgs 105-119 Follow procedures in Medical Plan, ICS 206 Refer to "Planning for Medical Emergencies" IRPG Pg 2	
ALL	HAZARD TREES	Follow "Hazard Tree Safety" guidelines, IRPG page 22. Post lookouts, or use a spotter in mop-up areas with personnel. Don't park vehicles or take breaks in high concentrations of hazard trees. Establish trigger points for disengagement during high wind events. Remember that the hazard zone extends a minimum of 2 1/2 tree heights.	
<b>5. Prepared By:</b> David Glenn		<b>Position/Title:</b> SOFR	
<b>ICS 215A</b>		<b>Date/Time:</b> 9/10/2019 / 2030	
		<b>Signature:</b> 	

## Objectives for Henthorne Repair

Flush cut stumps where they may be visible to the public. There is no need to go deep off a trail system or where there is no trail system as well. Flush cutting stumps off road systems is not necessary

## Effective Waterbars

When locating and building water bars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them deep enough so they'll be durable, and that soil does **not block** the water bar outlet.

### Recommended spacing for waterbars on firelines.

Fireline slope %	Maximum Distance Apart (feet)
1-5	200
6-20	125
21-40	60
41-60	
>60	

*Waterbars should be at least 2 pulaski (4-6 inches) widths wide and 12-24 inches high for handlines.*

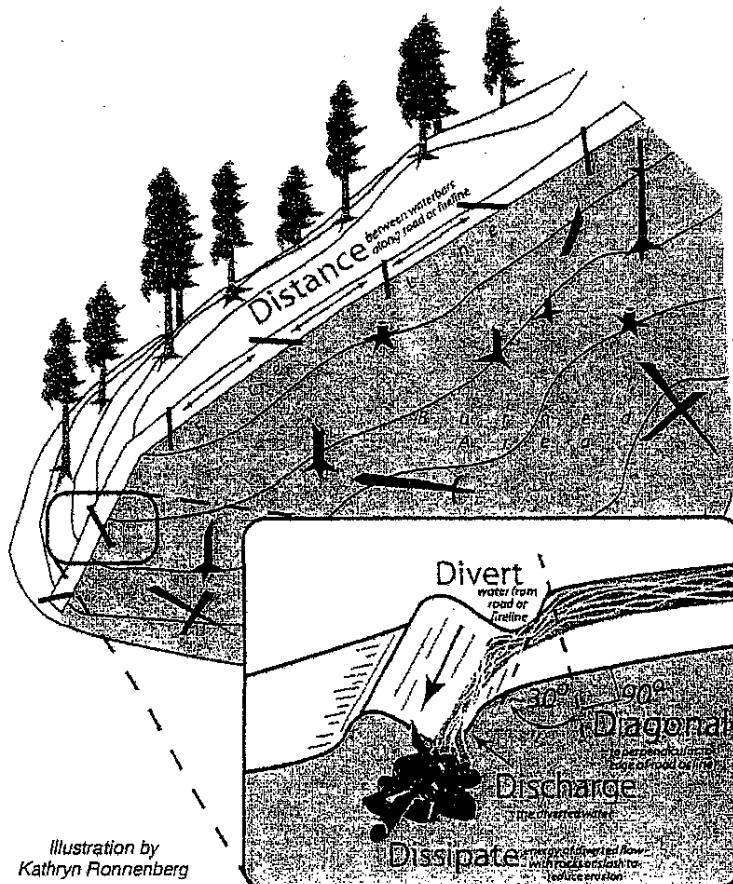


Illustration by  
Kathryn Ronnenberg



### UNIT LOG (ICS 214)

<b>1. Incident Name:</b> Henthorne	<b>2. Operational Period:</b> Date From: 9/11/19 Date To: 9/12/19 Time From: 0700 Time To: 1900
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<b>3. Unit Name/Designators</b>	<b>4. Unit Leader (Name and ICS Position)</b>
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<b>5. Personnel Assigned/Designators</b>		
NAME	ICS POSITION	HOME BASE

<b>6. Activity Log (Continue on Reverse)</b>	
TIME	MAJOR EVENTS

<b>7. Prepared By:</b>	<b>Date/Time:</b>
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