

— CORRECTED —

# Willard Fire

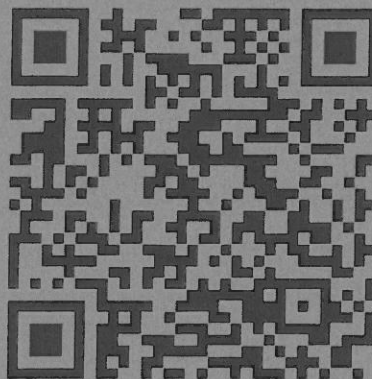
CA-LMU-004695

Incident Action Plan

Operational Period

September 13<sup>th</sup> -14<sup>th</sup> , 2016


0700-0700







## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> WILLARD		<b>2. Operational Period: Date From:</b> 9/13/2016 Time From: 0700		<b>Date To:</b> 9/14/2016 Time To: 0700	
<b>3. Incident Commander(s) and Command Staff:</b>			<b>7. Operation Section:</b>		
IC/UC's	Ron Bravo / Jesse Estrada (T)		Chief	Felix Berbena	
Deputy	Scott Lindgren / Gary Croucher (T)		Deputy	Erich Schwab	
Safety Officer	Rick Griggs / Dan McNamara (T)		Night Ops	Mike Olivarria	
Information Officer	Suzi Brady / Stacy Nolan (T)		Staging Area		
Liaison Officer	Pete Daley / Michael Urquides (T)		Branch	I	Tony Brownell / Adam Mattos (T)
Law Enforcement Liaison	John Davis / Kevin Pack		Division/Group	A/X	Timothy O'Donoghue
			Division/Group	M	Geno Degraffenreid / Chris Vatcher (T)
			Division/Group	W	Clint Swensen
<b>4. Agency/Organization Representatives:</b>			Division/Group		
Agency / Organization	Name		Division/Group		
Lassen County Sheriff	M. McFarland		Division/Group		
Lassen County O.E.S	Eric Ewing		Branch	II	Bryan Farrell / Steven Ward (T)
Susan River F.D	Steve Hitchcock		Division/Group	P	Dennis Hunt / <b>CORY REGAN (T)</b>
Susanville City Fire	James Moore		Division/Group	V	Brandon Lanning / <del>Todd Overshiner (T)</del> <b>ROBB NOXON (T)</b>
C.D.C.R	Ron Hainline		Division/Group		
Lassen National Forest	Steve Griffin		Division/Group		
B.L.M	Jeff Fontanna		Division/Group		
Susanville P.D.	Jim Uptegrove		Branch		
			Division/Group	ROAD	Al Klem
			Division/Group		
			Division/Group		
			Division/Group		
			Division/Group		
			Branch		
<b>5. Planning Section:</b>			Division/Group		
Chief	Sean Griffis / Chris Carrera (T)		Division/Group		
Deputy	Anale Burlew		Division/Group		
Resource Unit	Ryan Davis / Cory Cisneros		Division/Group		
Situation Unit	Phillip SeLegue / Jim Day (T)		Division/Group		
Documentation Unit			Branch		
Demobilization Unit	Dave Pucci		Staging Area	WILLARD	Jacob Dean
GISS	Darin McFarlin / Albert Lau		Division/Group		
FBAN	Scott Jones		Division/Group		
IMET			Division/Group		
Training Tech Spec	Jeremy Lawson		Division/Group		
Hired Equipment Tech	Matt Sully		<b>Air Operations Branch</b>		<b>Director: Bob Farias</b>
<b>6. Logistics Section</b>			Air Support Grp Sup	Greg Bradshaw	
Chief	Robert Reynolds		Helibase Manager	Darren Bakken	
Supply Unit	Amber Story				
Facilities Unit	Brian Pottenger		<b>8. Finance/Administration Section:</b>		
Ground Support Unit	Owen Starkweather		Chief	Steven Hawks / Darren Dow	
Communications Unit	Ken Parker		Time Unit	Tiffany Tracy	
Medical Unit	Baryic Hunter		Procurement Unit	Evelyn Glenn	
Motel Tech Spec	Matt Aldrich		Comp/Claims Unit	Dave Reese	
			Cost Unit	Flint Thomas	
<b>Prepared By: Name:</b>	Sean Griffis	<b>Position/Title:</b>	PSC	<b>Signature:</b> 	
<b>ICS 203</b>		<b>Date/Time:</b>	9/12/2016 2300 hours		



## FORECAST:

IF CONDITIONS BECOME UNREPRESENTATIVE,  
CONTACT THE NATIONAL WEATHER SERVICE.

DISCUSSION...RIDGE WINDS WILL REMAIN GUSTY THIS MORNING, BUT WILL  
LIGHTEN LATE THIS MORNING. THERE IS A SLIGHT CHANCE OF  
SHOWERS AND THUNDERSTORMS TODAY, BUT MOST ACTIVITY SHOULD REMAIN  
WELL EAST OF THE FIRE AS DRIER AIR MOVES IN BEHIND THE LOW. BREEZY  
NORTHWEST RIDGE WINDS EXPECTED AGAIN TONIGHT AND INTO EARLY WEDNESDAY  
MORNING.

### FOR TODAY

WEATHER.....PARTLY CLOUDY WITH A 15% CHANCE OF SHOWERS.  
10% CHANCE OF AN AFTERNOON THUNDERSTORM.  
TEMPERATURE.....MAX 65-70.  
HUMIDITY.....MIN 15-20%.  
WIND...20 FOOT....NORTHEAST TO EAST 5-10 MPH SHIFTING TO THE  
NORTHWEST BY 1300. RIDGE WINDS EAST AT 10-20  
MPH UNTIL 9AM THEN SHIFTING TO THE NORTHWEST  
AT 6-12 MPH WITH GUSTS TO 20 MPH.  
MIXING HEIGHT.....7000-7500 FT MSL RISING TO 15000 FT MSL.  
MIXING WINDS.....EAST AT 10 MPH SHIFTING TO NORTHWEST AROUND  
10 MPH BY 1300.  
CHC WETTING RAIN...10%.  
LAL.....2.  
HAINES INDEX.....3.

### FOR TONIGHT

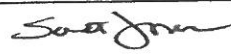
WEATHER.....PARTLY CLOUDY THEN BECOMING CLEAR. 10% CHANCE  
OF SHOWERS AND STRAY THUNDERSTORM IN THE  
EVENING.  
TEMPERATURE.....MIN 33-36.  
HUMIDITY.....MAX 60-65%  
WIND...20 FOOT....NORTH-NORTHWEST 5-10 MPH. GUSTS UP TO 20 MPH IN  
THE EVENING. RIDGE WINDS NORTHWEST 10 TO 15 MPH  
OVERNIGHT.

### OUTLOOK FOR TOMORROW

WEATHER.....SUNNY.  
TEMPERATURE.....MAX 70-75.  
HUMIDITY.....MIN 14-17%  
WIND...20 FOOT....NORTHWEST 4 TO 8 MPH.  
MIXING HEIGHT.....7500 FT MSL RISING TO 13500 FT IN THE  
AFTERNOON.  
MIXING WINDS.....NORTHWEST 10 MPH.  
CHC WETTING RAIN...0%.  
LAL.....1.  
HAINES INDEX.....2.

FORECASTER...HOON

# FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> # 1	<b>TYPE OF FIRE:</b> Wildland Fire
<b>FIRE NAME:</b> Willard	<b>OPERATIONAL PERIOD:</b> 09/13 (0700-0700)
<b>DATE ISSUED:</b> 09/12/16	<b>TIME ISSUED:</b> 2000 hrs
<b>UNIT:</b>  <div style="text-align: center; font-size: 1.2em;"><b>LMU</b></div>	<b>SIGNED:</b>  <b>Printed:</b> Scott Jones

## INPUTS

### WEATHER SUMMARY

Partly cloudy with an isolated shower or thunderstorm possible in the afternoon 15%. 0% Chance of wetting rain.  
 Temp: 65° – 70° Relative Humidity: 10-20%  
 20 Ft Winds  
     Ridgetop – NE 10 to 20 mph, becoming NW 10 to 15 mph around noon  
     Slope / Valley – NE 10 to 15 mph, becoming NW in the afternoon

## OUTPUTS

### FIRE BEHAVIOR

#### GENERAL:

The fire growth during the 1<sup>st</sup> burn period was heavily influenced by critical rates of spread and long range spotting. The higher level of fire activity remained until the early morning of 09/12, where the estimated acreage was 2200. During the 2<sup>nd</sup> burn period up to approximately 1500hrs fire intensity was moderate with isolated pockets of intense heat and torching that required extensive suppression efforts to catch spots over the control line. At approximately 1500 a front passed over the fire bringing winds and some moisture, creating higher levels of fire intensity.

Fuels are a combination of grass oak and established conifer and conifer plantations.

#### Fire Behavior for Optimal Alignment Receptive Fuels

Fuel Type	ROS (Ft-MIN) Forward	ROS (Ft-MIN) Lateral	FL (Ft)	P(i)G
Timber Grass 2	Slow (26-70)	Slow (7-10)	5-10	83
Mixed Conifer 9	Slow (8-10)	Slow (0-2)	2-5	83

#### SPECIFIC:

DIV A – M – P

DIV A, is predominately mixed conifer, with the expected wind crews may encounter interior activity, with torching. At the X/A break the wind pattern may challenge control lines. DIV M-P are predominately grass, fire activity should push back into the burn.

DIV X – W – V

This will remain an area of potential due to the wind pattern, fuel loads and receptive fuels outside control lines. This area was active on Monday, with spotting and slops over control lines due to torching trees. Yesterday a front went through with high winds, downdrafts and moisture. Be on the lookout for sleepers that may have been created.

#### AIR OPERATIONS:

Heavy smoke could slow early start up availability air resources.

## SAFETY

Weather can make dramatic and unpredicted changes in this area, maintain situational awareness as it relates to the climatic indicators over the fire and in the general area.



# Willard Incident Safety Message

16-CALMU-004695

September 13, 2016



## Complete All Tasks Safely, Competently and Completely

### Driving

- ✓ Narrow roadways, dirt roads, fire impacted roads; insure adequate clearances, use spotters when necessary, use warning lights, drive defensively
- ✓ Seat Belts will be worn at all times
- ✓ Maintain safe speeds and following distances when in the communities and off road
- ✓ Check Dual's prior to leaving the dirt road

### Fuels, Fire Behavior and Weather

- ✓ Fuel moistures are near or at record lows and ERC's at record high levels – Potential for rapid fire growth and erratic fire behavior is still present
- ✓ Be aware of potential thunderstorms and gusty winds
- ✓ **Hazard Trees** exist throughout the majority of the incident – Identify and Flag - Utilize qualified fallers – Work only within prescribed parameters! Refer to *IRPG pg. 22-23*



### Hydration, Nutrition and Fatigue

- ✓ As personnel work more and more shifts on the line and the weather becomes warmer – Dehydration can accumulate and sneak up on you. Make sure you are staying hydrated. Minimum of ONE QUART per HOUR per person. Plan accordingly.
- ✓ Take frequent short breaks with small meals or snacks on regular intervals
- ✓ Monitor Personnel for Fatigue - Consider decreasing intervals for breaks or increasing time – “This is a marathon; NOT a sprint!”

15. WIND INCREASES AND/OR CHANGES DIRECTION

### Footing and Rolling Material

- ✓ There is a significant amount of steep and unstable terrain – watch your footing and be aware of rolling material!
- ✓ Watch your Step! – Avoid Stump Holes and Ash Pits – Ground around stump holes can collapse without warning.

### PPE

- ✓ Wear all appropriate PPE – Replace damaged and worn equipment

### Communications

- ✓ Ensure communications are clear, concise and understood. Ask to repeat if unsure what was said. Know Leaders Intent at all times

Prepared by Dan McNamara, SOFIT - IMT5

Approved by Scott Lindgren, DPIC - IMT5

Lookouts

Communications


Escape Routes

Safety Zones



**Willard Fire - INCIDENT RISK ANALYSIS (ICS 215a)**  
**16-CA-LMU-004695**



DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS/WARNINGS/REMEDIES
ALL	<b>FUELS and WEATHER</b>	<ul style="list-style-type: none"> <li>• <b>WATCHOUT FOR THUNDERSTORM ACTIVITY</b></li> <li>• Fuels are extremely receptive with record low fuel moistures causing ERC values that are off of the charts of current models</li> </ul>
ALL	<b>DRIVING HAZARDS</b>	<ul style="list-style-type: none"> <li>• Drive defensively! Expect the unexpected around every curve.</li> <li>• Drive with headlights and seatbelts on.</li> <li>• Slow Down! Narrow roads with limited passing room. Coordinate your movements on one lane roads.</li> <li>• Increase following distances. Maintain Situational Awareness.</li> <li>• Check duals prior to leaving the dirt road</li> </ul>
ALL	<b>EXTREME FIRE BEHAVIOR</b>	<ul style="list-style-type: none"> <li>• Know your LCES and maintain Situational Awareness.</li> <li>• Use experienced look outs.</li> <li>• Adhere to the downhill line construction guidelines.</li> <li>• Monitor weather for changes in the wind, temp, and RH.</li> <li>• Expect rapid rates of spread with long range spotting, have a contingency plan (PACE) with established decision points and safety zones.</li> </ul>
ALL	<b>FATIGUE/HEAT/DEHYDRATION</b>	<ul style="list-style-type: none"> <li>• Be alert for signs of fatigue and take breaks as necessary.</li> <li>• Monitor incoming resources for level of fatigue. Drink water before, during and after shifts, up to 1 quart per hour per person.</li> <li>• Be alert for signs of heat stress in yourself and others; use the buddy system.</li> <li>• Eat small meals often and when possible.</li> <li>• Drink electrolyte drinks at a 2 water to one sport drink ratio.</li> </ul>
ALL	<b>STRUCTURE DEFENSE &amp; HAZARDS</b>	<ul style="list-style-type: none"> <li>• Conduct thorough briefing for all personnel (inside rear cover IRPG).</li> <li>• Follow <i>Wildland Urban Interface Guidelines</i> (IRPG p. 12-16).</li> </ul>
ALL	<b>AIRCRAFT OPERATIONS</b>	<ul style="list-style-type: none"> <li>• Keep personnel out of drop zones.</li> <li>• Use air-to-ground freq. to communicate with aircraft.</li> <li>• Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective.</li> </ul>
ALL	<b>POWER LINES</b>	<ul style="list-style-type: none"> <li>• Follow <i>Power Line Safety</i> guidelines (IRPG pg.24.)</li> <li>• Communicate power line hazards to immediate supervisor and hazard flag accordingly.</li> <li>• Flag area around downed power lines and deny access.</li> <li>• Treat all downed power lines as energized.</li> </ul>
ALL	<b>TACTICAL HAZARDS</b>	<ul style="list-style-type: none"> <li>• Follow 10's and 18's.</li> <li>• Complete Go no Go checklist for firing operations.</li> <li>• Follow the Downhill Checklist.</li> <li>• Know your LCES.</li> </ul>
ALL	<b>DOZER SAFETY</b>	<ul style="list-style-type: none"> <li>• Watch for rolling material.</li> <li>• Monitor safe working distances.</li> <li>• Avoid working below Dozer.</li> <li>• Utilize communication with the operator (radio or hand signals)</li> </ul>
ALL	<b>HAZARD TREES</b>	<ul style="list-style-type: none"> <li>• Identify and Isolate the area to provide for the safety of others.</li> <li>• Flag and make proper notifications.</li> <li>• Do Not Fall trees out of your certification level.</li> </ul>
ALL	<b>COMMUNICATIONS</b>	<ul style="list-style-type: none"> <li>• Ensure instructions are clear and understood.</li> <li>• Clearly communicate the leader's intent.</li> <li>• Use human repeaters or relays whenever possible.</li> <li>• Brief others as needed, ask if you don't know.</li> <li>• Communicate hazards to others.</li> <li>• Utilize assigned frequencies only, know the communications plan (ICS 205).</li> </ul>
Incident Name: Willard, 16-CA-LMU-010852		DATE PREPARED: <b>September 12, 2016 1400hrs</b>
ICS 215a		Prepared by: Dan McNamara, SOF1 (T) 
		OPERATIONAL PERIOD <b>September 13, 2016</b>  <b>0700-0700</b>





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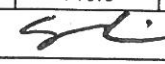
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<b>4. Operations Personnel:</b> Operations Section Chief: <b>Felix Berbena</b> Night Ops: <b>Mike Olivarria</b> Branch Director: <b>Tony Brownell / Adam Mattos (T)</b> Division/Group Supervisor: <b>Geno Degraffenreid / Chris Vatcher (T)</b>							
<b>5. Resources Assigned:</b>		Resource Identifier	Leader	Number of Personnel	Request #	Reporting Location, Special Equipment, Remarks, Notes, and Information	
						Time	Location
STC SKU 9260C	Tavalero, Scott	19	E-21	0700-0700	DP 5		
STC FKU 9430C	Watkins, Mark	18	E-111	0700-0700	DP 5		
STC BEU 9460C	Bystrom, Shane M	21	E-109	0700-0700	DP 5		
STG MEU 9111G	Sheffield, Brennen M	32	C-40	0700-0700	DP 5		
<b>STG BEU 9488G</b>	<b>Cole, Vincent S</b>	<b>33</b>	<b>C-31</b>	<b>0700-1800</b>	<b>DP 5</b>		
STG LMU 9221 G	Turman, Larry	3	C-5	0700-0700	DP 5		
<del>DOZ LNU 1448</del> - TO DIV W				0700-0700	DP 5		
<del>DOZ LNU 1449</del> - TO DIV W				0700-0700	DP 5		
DOZ LMU 2240		1	E-138	0700-0700	DP 5		
DOZ LMU 2241		2		0700-0700	DP 5		
DOZ PVT Holt Logging E-40		0	E-40	0700-0700	DP 5		
DOZ PVT Kirack Cons. E-43		0	E-43	0700-0700	DP 5		
DOZ PVT D.G. Backoe E-46		0	E-46	0700-0700	DP 5		
DOZ PVT Sam Thompson E-47		0	E-47	0700-0700	DP 5		
W/T SSN 232		0	E-35	0700-0700	DP 5		
W/T PVT MCGARR E-121	Dennis, Mcgarr	2	E-121	0700-0700	DP 5		
W/T				0700-0700	DP 5		
HEQB O-164	Whitlock, Andrew	1	O-164	0700-0700	DP 5		
SOFR O-83	Morris, Jesse	1	O-83	0700-0700	DP 5		
<b>6. Work Assignments:</b> - CRW DVG 4 Hold fire within current control lines. - FEMP MARTIN Plan and / or construct secondary control lines. - FEMT CARTHY Mop up 300' in from existing control lines and patrol.							
<b>7. Special Instructions:</b> <b>Bold denotes 12 hour resource.</b>							
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C2	1	COMMAND	151.2650	103.5000	159.3300	110.9	Shaffer Mtn - Tone 1
CDF T27	5	TACTICAL	159.3075	192.8 (T16)	159.3075	192.8 (T16)	
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	Med Coordination - Tone 6
CDF T23	15	AIR / GROUND	159.4500	192.8 (T16)	159.4500	192.8 (T16)	CDF T23 Air to Ground
GUARD	16	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY ONLY
<b>9. Prepared by: Name:</b> Ryan Davis		Pos/Title: RESL		Signature:			
<b>ICS 204</b>		Date/Time: 9/12/2016 2300 hours					





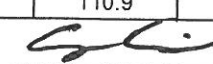


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<b>5. Resources Assigned:</b>							
Resource Identifier	Leader	Number of Personnel	Request #	Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location			
STC SCU 9160C	Giambrone, Bryan	16	E-67	0700-0700	DP 24		
STC NEU 9230C	Haack, Landon	18	E-2	0700-0700	DP 24		
STC NEU 9231C	Norman, Sean	17	E-29	0700-0700	DP 24		
ENG CCO 521	Mallery, Terry	7	E-143	0700-0700	DP 24		
ENG Lfv 824	Stort, Tim	3	E-145	0700-0700	DP 24		
ENG MLF 1725		3	E-140	0700-0700	DP 24		
ENG SAD 1927	Jay Hayden	3	E-141	0700-0700	DP 24		
STG SHU 9241G	Redding, Brock E	33	C-16	0700-0700	DP 24		
STG TGU 9252G	Lawson, James	33	C-4	0700-0700	DP 24		
STG TCU 9476G	West, Lavale	33	C-29	0700-0700	DP 24		
<b>CRW ENF Eldorado IHC</b>	<b>Humphrey, Aaron Patric</b>	<b>19</b>	<b>C-14</b>	<b>0700-1800</b>	<b>DP 24</b>		
<b>CRW VAD SRV #10</b>	<b>Gallegos Sr, Abelardo</b>	<b>20</b>	<b>C-52</b>	<b>0700-1800</b>	<b>DP 24</b>		
<del>DOZ MEU 1145</del> <b>TO DIV V</b>	<del>Gray, Nathan</del>	<del>2</del>	<del>E-74</del>	<del>0700-0700</del>	<del>DP 24</del>		
DOZ NEU 2340	Entz, Shawn	2	E-15	0700-0700	DP 24		
W/T PVT WILLMORE E-124	Sonzea, Kalen	1	E-124	0700-0700	DP 24		
W/T PVT T & S E-125	Earnest Jones	2	E-125	0700-0700	DP 24		
W/T PVT T&S E-126		0	E-126	0700-0700	DP 24		
W/T PVT STONECO CONSTRUCTION	Larry Staniford	2	E-128	0700-0700	DP 24		
<b>6. Work Assignments:</b> Improve and hold control lines. Fall hazard trees. Mop up 100' in from control lines. Construct direct and contingency lines.							
<b>7. Special Instructions:</b> Bold denotes 12 hour resource.							
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C2	1	COMMAND	151.2650	103.5000	159.3300	110.9	Shaffer Mtn - Tone 1
CDF T28	6	Tactical	151.1825	192.8 (T16)	151.1825	192.8 (T16)	
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	Med Coordination - Tone 6
CDF T23	15	AIR / GROUND	159.4500	192.8 (T16)	159.4500	192.8 (T16)	CDF T23 Air to Ground
GUARD	16	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY ONLY
<b>9. Prepared by: Name:</b> Ryan Davis    Pos/Title: RESL    Signature: 							
<b>ICS 204</b>		Date/Time: 9/12/2016		2300 hours			



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<b>5. Resources Assigned:</b>		Resource Identifier	Leader	Number of Personnel	Request #	Reporting Location, Special Equipment, Remarks, Notes, and Information Location	
						Time	
STC TUU 9410C			Harris, Larry S	18	E-110	0700-0700	DP 22
STC OES 2870C			Youngsma, Jeff	22	E-120	0700-0700	DP 22
STC						0700-0700	DP 22
STB XBU BUT 3000B			Silverman, Ray	18	E-69	0700-0700	DP 22
<b>T/F Willard 1</b>						<b>0700-1800</b>	<b>DP 22</b>
STG LMU 9228 G			Benninghoven, Pat	3	C-12	0700-0700	DP 22
STG SHU 9240G			Faulkner, Joshua	33	C-7	0700-0700	DP 22
STG TGU 9254G			Howard, Gerald J	33	C-9	0700-0700	DP 22
CRW LMU Antelope 1			Hillskotter, Mark	16	C-1	0700-0700	DP 22
<b>CRW UPF UMPQUA NZ</b>			<b>Getman, Jedediah</b>	<b>21</b>	<b>C-47</b>	<b>0700-1800</b>	<b>DP 22</b>
DOZ MEU 1145			Gray, Nathan	2	E-74	0700-0700	DP 22
<b>DOZ LNU 1442</b>				<b>2</b>	<b>E-73</b>	<b>0700-1800</b>	<b>DP 22</b>
<b>DOZ CZU 1743</b>				<b>1</b>	<b>E-61</b>	<b>0700-1800</b>	<b>DP 22</b>
<b>DOZ SHU 2440</b>				<b>2</b>	<b>E-62</b>	<b>0700-1800</b>	<b>DP 22</b>
DOZ TGU 2544			Glenn, Mike	2	E-17	0700-0700	DP 22
<b>DOZ MNF 3</b>				<b>2</b>	<b>E-64</b>	<b>0700-1800</b>	<b>DP 22</b>
W/T PVT RC WATERTENDER E-24				0	E-24	0700-0700	DP 22
W/T PVT TURNER E-25				0	E-25	0700-0700	DP 22
<b>6. Work Assignments:</b> Improve and hold control lines. Fall hazard trees. Mop up 100' in from control lines. Construct direct and contingency lines.							
<b>7. Special Instructions:</b> Bold denotes 12 hour resource. T/F Willard 1 consists of DOZ PNF 2, DOZ PNF 3, ENG LNF 81 and leader John Toomey.							
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C2	1	COMMAND	151.2650	103.5000	159.3300	110.9	Shaffer Mtn - Tone 1
CDF T29	3	TACTICAL	151.3475	192.8 (T16)	151.3475	192.8 (T16)	
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	Med Coordination - Tone 6
CDF T23	15	AIR / GROUND	159.4500	192.8 (T16)	159.4500	192.8 (T16)	CDF T23 Air to Ground
GUARD	16	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY ONLY
<b>9. Prepared by: Name:</b> Ryan Davis		Pos/Title: RESL		Signature: 			
<b>ICS 204</b>		Date/Time: 9/12/2016 2300 hours					









**1. INCIDENT NAME:** WILLARD  
**2. PREPARED BY:** Bob Farias  
**3. # OF COPIES NEEDED:**  
**4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):** WILLARD Helibase located @ 471-920 Johnsonville Dr. Susansville, CA  
 Ensure your load calcs reflect the temperatures and Elevation WGS 84 selected as the map datum.  
 Willard Helibase(Willard) - 40 37.62/120 57.82 Elevation- 4149'

6. PERSONNEL		7. FREQUENCIES			8. FIXED WING	
	Phone	AIR/AIR FW:	AM	FM	AIRTANKERS	# Avail / Type/ Make-Model / FAA N# / Base(s)
AODB: Bob Farias	707-391-6704			169.4000		TBD -Available 08:00
AODB(T): Randy Fregoso	530-200-2505	AIR/AIR RW:	123.7250			
ASGS: Nate Glaeser	707-484-9697	AIR BRIEFING			LEADPLANES	TBD
ATGS:		AIR/GROUND	159.4500 CDF Tac23	T16		
HEBM (T): Aaron Smith	530-521-9465	DECK:	168.3500		AIR TACTICAL PLATFORMS	Available/ Over Incident 08:00
HEBM: Darren Bakken	530-604-2436	TOLC:	123.0250			
HLCO: Drew Rhoads		COMMAND:	See IAP Communications Plan			
HLCO: John Zuniga						
Dispatch 530-257-5570						PILOT MAP:

**9. HELICOPTERS (Use Additional Sheets as Necessary)**

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
1KA	I	K-Max	Willard	0800	0830	A-25	16TV	II	UH1H	Willard	0800	0830	A-30
803PJ	I	UH-60A	Willard	0800	0830	A-26	217PJ	II	Bell 214	Willard	0800	0830	A-52
473CH	I	CH47	Willard	0800	0830	A-27	FCNU	II	Bell 212	Willard	0800	0830	A-70
C202	II	UH1H	Willard	0800	0830	A-7	553	III	Bell 407	Willard	0800	0830	A-12
C510	II	Bell 205	Willard	0800	0830	A-3	1HQ	III	A-Star	Willard	0800	0830	A-19
208PJ	II	UH1H	Willard	0800	0830	A-28							
212HP	II	Bell 212	Willard	0800	0830	A-29							

**10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)**

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Recon	Aerial supervision.			
Water Drops/Retard.	As requested			
Personnel Transport				
Logistics				
Priorities				

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name		Willard		Date/Time Prepared		Operational Period Date/Time	
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode A, D or M	Remarks
1	Command	CDF C2 T1	All Divisions	151.2650 N	103.5	159.3300 N	110.9	A	Tone 1 - Shaffer Mtn
2	Futruure	NIFC C3	Unassigned	168.0750 N		170.4250 N	131.8	A	Future
3	Futruure	NIFC C10	Unassigned	170.4125 N		165.9625 N	131.8	A	Future
4									
5									
6	Tactical	CDF T26	DIV A/X	159.2925 N	192.8	159.2925 N	192.8	A	Tone 16
7	Tactical	CDF T27	DIV M	159.3075 N	192.8	159.3075 N	192.8	A	Tone 16
8	Tactical	CDF T28	DIV P	151.1825 N	192.8	151.1825 N	192.8	A	Tone 16
9	Tactical	CDF T29	DIV V	151.3475 N	192.8	151.3475 N	192.8	A	Tone 16
10	Tactical	VFIRE 22	DIV W	154.2650 N	156.7	154.2650 N	156.7	A	Tone 6
11	Tactical	VFIRE 23	ROAD GRP	154.2950 N	156.7	154.2950 N	156.7	A	Tone 6
12									
13									
14	Air To Ground	CDF T23	All Divisions	159.4500 N	192.8	159.4500 N	192.8	A	Air to Ground - Tone 16
15	Medical	CALCORD	All Divisions	156.0750 N	156.7	156.0750 N	156.7	A	MED COORDINATION - Tone 6
16	Emergency	GUARD	All Divisions	168.6250 N		168.6250 N	110.9	A	AIR GUARD - Emergency
17									
18									
19									
20	Emergency	GUARD	All Divisions	168.6250 N		168.6250 N	110.9	A	AIR GUARD - Emergency

Prepared By (Communications Unit)

Ken Parker, COML 951-217-4482

Incident Location

General Location of 25130 Highway 94, Potrero, San Diego County CA

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the KX and IX reversed.

Air Guard must be in the last channel of every plan (168.6250, PL 110.9 on TX only) Once 205 is complete, email it to com205@fire.ca.gov or fax to the local ECC and ask them to email it for you.

ICS 205 Excel

3/2007

**MEDICAL PLAN**  
**ICS 206 "IMT 5"**

1. INCIDENT NAME

**Willard Incident**

2. DATE PREPARED  
09/13/16

3. TIME PREPARED  
0100

4. OPERATIONAL PERIOD  
09/13/16  
0700 - 0700

**5. INCIDENT MEDICAL AID STATIONS**

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
I.C.P. Medical Unit	195 Russell Ave., Susanville, CA 96130		X

**6. TRANSPORTATION**

**A. AMBULANCE SERVICES**

NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
Riggs Ambulance	1545 Paul Bunyan Rd., Susanville	(530) 257-1803	X	
Semsa Air Ambulance (Air 1)	1800 Springs Ridge Dr., Susanville	(530) 257-1803	X	
PHI (Med 45)	471-920 Johnstonville Dr., Susanville	(530) 257-1803	X	

**B. INCIDENT AMBULANCES**

NAME	LOCATION	PARAMEDICS	
		YES	NO

**7. HOSPITALS**

NAME Med Net Channel	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Banner Lassen Medical	1800 Spring Ridge Dr., Susanville	10min	15min	(530) 252-2000	X			X
U.C. Davis Medical Ctr.	2315 Stockton Blvd., Sacramento	4 Hr	1.5 Hr	(916) 734-3636	X		X	

**8. MEDICAL EMERGENCY PROCEDURES**

**EMERGENCY FREQUENCY:**

**LINE EMERGENCY:**

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 need.
- Communications Unit will clear command channel for emergency traffic as needed and only for duration of need.

**CAMP EMERGENCY:**

Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident:

- Medical Unit contacts:
  1. Communications
  2. Safety
  3. Logistics
  4. Operations
  5. Crew Supervisor
  6. Comps/Claims

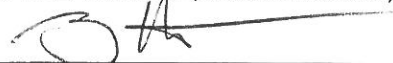
**INJURY REPORTING PROCEDURES**

NATURE OF INJURY \_\_\_\_\_  
 LOCATION OF PATIENT \_\_\_\_\_  
 POINT OF CONTACT \_\_\_\_\_  
 TRANSPORTATION REQUESTED BY: AIR \_\_\_ GROUND \_\_\_  
 POINT OF PICKUP \_\_\_\_\_  
 LAT \_\_\_\_\_ LONG \_\_\_\_\_  
 PATIENT UNIT ID \_\_\_\_\_  
 IS AN EMT WITH PATIENT: YES \_\_\_ NO \_\_\_  
 AGE \_\_\_\_\_  
 SEX: MALE \_\_\_ FEMALE \_\_\_

**ALL EMERGENCIES---Secure the area  
and identify witnesses for later  
investigation. Keep an accurate log of  
events.**

**ICS 206**  
(Rev 03/12) FR

9. PREPARED BY: (Medical Unit Leader)



10. REVIEWED BY: (Safety Officer)



# FINANCE MESSAGE

Absolutely no offsite feeding is allowed without prior approval!!

## CAL FIRE PERSONNEL

Make sure to stop by the Time Unit and start or update your FC-33.

## LOCAL GOVERNMENT RESOURCES

Make sure you check in with Cal OES to start your F-42 Paperwork.

## ALL HIRED EQUIPMENT

Check in with Equipment Time ASAP to drop off your agreement and start your pay document.

## ALL SUPERVISORS OF HIREC EQUIPMENT

Shift Tickets for hired equipment need to be signed and turned in to Equipment Time daily. Ensure the shift ticket is filled out completely (including evaluation), accurately and legibly.

## PROPERTY DAMAGE or INJURIES

Please report any property damage caused by suppression activities and/or injuries to the COMP/CLAIMS Unit Leader.

## WATER USEAGE LOG

Please complete for all water taken on the incident and turn completed form in to the COMP/CLAIMS Unit Leader.

*STEVE HAWKS*  
*FINANCE SECTION CHIEF*

# 2 Operator, 24 Hour Shift

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name																															
The responsible Government Officer will complete this form each shift					Fireline Builders																															
Incident or Project Name <b>Goose</b>		Incident Number <b>CAFKU 010852</b>		Request Number <b>E-999</b>		Operator #1 <b>Jim Smith</b>																														
Agreement Number <b>LNU01234567</b>		Equipment Make <b>CAT</b>		Equipment Model / Type <b>Dozer D6H</b>		Operator #2 <b>John Jones</b>																														
Serial Number <b>6LN3344</b>		Licence Number		Operator Furnished By:		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government																														
Equipment Use		(Circle) <b>Hours</b> / Days / Miles		Operating Supplies Furnished By:		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government																														
Date	Start	Stop	Work	Assignment		Equipment Status																														
8/2	0700	2400	17	Division J		<input checked="" type="checkbox"/> Inspected <input type="checkbox"/> Released by Government <input checked="" type="checkbox"/> Under Agreement																														
8/3	0001	0700	7	Division J		<input type="checkbox"/> Withdrawn by Contractor																														
Vendor Rating					Remarks/Comments **																															
<table border="1"> <tr> <th>Poor*</th> <th>Avg.</th> <th>Good</th> <th>Exc.</th> <th>N/A</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					Poor*	Avg.	Good	Exc.	N/A						2 Operators																					
Poor*	Avg.	Good	Exc.	N/A																																
<table border="1"> <tr> <td>Met Performance Expectations</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Equipment in Safe Working Condition</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operator Skill Level</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operates Safely</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operator's Cooperation Level</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Overall Performance</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					Met Performance Expectations					Equipment in Safe Working Condition					Operator Skill Level					Operates Safely					Operator's Cooperation Level					Overall Performance					Govt. Rep. Name and Position - PRINT <b>Mike Brown, Div J</b>	
Met Performance Expectations																																				
Equipment in Safe Working Condition																																				
Operator Skill Level																																				
Operates Safely																																				
Operator's Cooperation Level																																				
Overall Performance																																				
<h2>Vendor Rating must be completed.</h2>					Govt. Rep. Signature <i>Mike Brown</i>																															
					Contractor Signature <i>Jim Smith</i>																															
					Date <b>08/03/16</b>																															
* NOTE: Any rating of POOR requires an explanation in Comment Section.					Time <b>0700</b>																															
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.					CALFIRE 297 (Rev 3-2011)																															
Pink - Finance		Blue - Home Unit HE Coordinator		Yellow - Vendor		White - Govt Representative																														

# 1 Operator, 12 Hour Shift

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name																															
The responsible Government Officer will complete this form each shift					H2O For You																															
Incident or Project Name <b>Goose</b>		Incident Number <b>CAFKU 010852</b>		Request Number <b>E-899</b>		Operator #1 <b>James Russell</b>																														
Agreement Number <b>LNU11111199</b>		Equipment Make <b>Peterbilt</b>		Equipment Model / Type <b>2000 Gallon</b>		Operator #2																														
Serial Number <b>11145N</b>		Licence Number <b>SE653574</b>		Operator Furnished By:		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government																														
Equipment Use		(Circle) <b>Hours</b> / Days / Miles		Operating Supplies Furnished By:		<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government																														
Date	Start	Stop	Work	Assignment		Equipment Status																														
8/2	0001	0700	7	Off Shift		<input checked="" type="checkbox"/> Inspected <input type="checkbox"/> Released by Government <input checked="" type="checkbox"/> Under Agreement																														
8/2	0700	2000	13	Division B		<input type="checkbox"/> Withdrawn by Contractor																														
8/2	2000	2400	4	Off Shift																																
Vendor Rating					Remarks/Comments **																															
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Met Performance Expectations																																				
Equipment in Safe Working Condition																																				
Operator Skill Level																																				
Operates Safely																																				
Operator's Cooperation Level																																				
Overall Performance																																				
<h2>Vendor Rating must be completed.</h2>					Govt. Rep. Signature <i>Steve Hampton</i>																															
					Contractor Signature <i>James Russell</i>																															
					Date <b>08/02/16</b>																															
* NOTE: Any rating of POOR requires an explanation in Comment Section.					Time <b>2000</b>																															
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.					CALFIRE 297 (Rev 3-2011)																															
Pink - Finance		Blue - Home Unit HE Coordinator		Yellow - Vendor		White - Govt Representative																														

# **CAL FIRE**

## **INCIDENT MANAGEMENT TEAM**

### **WATER USAGE PLAN**

#### *California Drought Emergency*

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/ owner.

#### **Fireline personnel-** (During mop up operations)

- Use of Pencil Hose and Garden Nozzles with Shut-Offs.
- Use of Back pumps.
- Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely.
- Locate/ Relocate fire lines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline.

#### **Road Maintenance and Repair-**

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind ect).
- Consider use of tertiary or treated water.

#### **Aviation Operations-**

- Use of Gels, Foams and Retardants. Set up portable plants.
- Consider Blivits and Pencil hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops.

#### **Private Water Supplies-**

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, 214 form) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

#### **Public/ Municipal Water Supplies-**

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Place on incident map.
- Use alternative or reclaimed water sources when available. Place on incident map.
- Make arrangements for reimbursement and damage claims if needed.

#### **Management and Supervision-**

- Consider complexity of water use on incidents. Establish a Water Supply Group Supervisor to coordinate additional resources to support the incident needs.
- Complete the Water Usage Report daily and turn in to the Comp/Claims Unit of the Finance Section.
- Review this check list and brief daily.

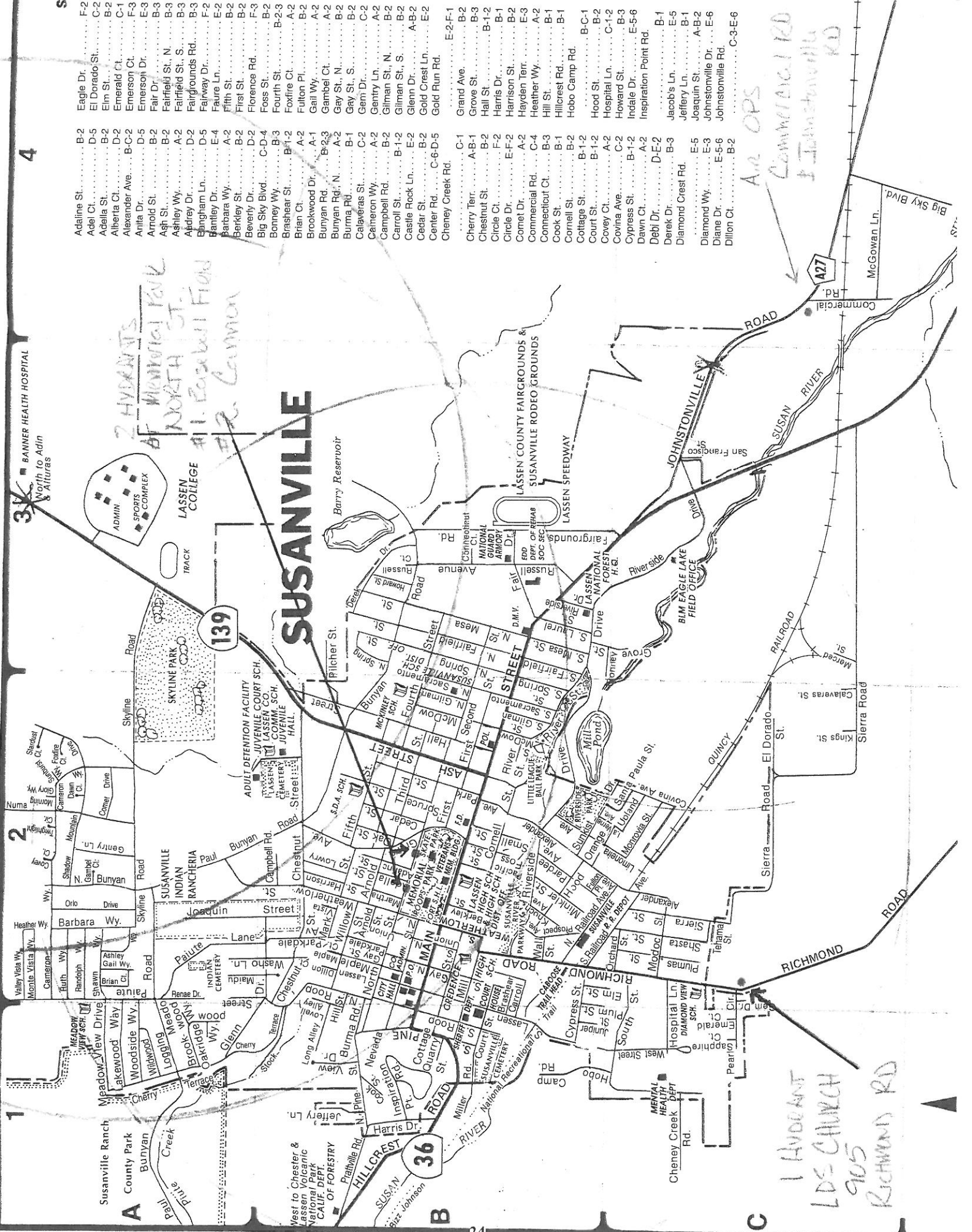


- Adaline St. B-2
- Adel Ct. D-5
- Adella St. B-2
- Albetta Ct. D-2
- Alexandra Ct. C-1
- Emerson Ct. F-3
- Emerson Dr. E-3
- Fair Dr. B-2
- Fairfield St. N. B-3
- Fairfield St. S. B-3
- Fairgrounds Rd. B-3
- Fairway Dr. F-2
- Faure Dr. E-4
- Fifth St. B-2
- First St. B-2
- Florence Rd. F-3
- Foss St. C-D-4
- Fourth St. B-3
- Brashear St. B-1-2
- Foxfire Ct. A-2
- Fulton Pl. B-2
- Brookwood Dr. A-1
- Gail Wy. A-2
- Gambel Ct. A-2
- Bunyan Rd. N. A-2
- Bunyan Rd. S. B-2
- Burma Rd. B-1
- Gay St. S. B-2
- Gem Dr. C-2
- Gentry Ln. C-2
- Gilman St. N. B-2
- Gilman St. S. B-2
- Glenn Dr. A-B-2
- Gold Crest Ln. E-2
- Gold Run Rd. E-2-F-1
- Cheney Creek Rd. C-1
- Cherry Terr. A-B-1
- Grove St. B-3
- Hall St. B-1-2
- Harris Dr. B-1
- Harrison St. B-2
- Hayden Terr. E-3
- Heather Wy. A-2
- Hill St. B-1
- Hillcrest Rd. B-1
- Hobo Camp Rd. B-1
- Hood St. B-C-1
- Hospital Ln. C-1-2
- Howard St. B-3
- Indale Dr. E-5-6
- Inspiration Point Rd. C
- Jacob's Ln. B-1
- Jeffery Ln. B-1
- Joaquin St. C
- Johnstonville Dr. E-6
- Johnstonville Rd. P
- Dillon Ct. E-5-6
- C-3-E-6

3 BANNER HEALTH HOSPITAL  
Worth to Adin  
& Alturas

2 HYDRAUTS  
AF Memorial Park  
NORTH ST.  
#1. Baseball Field  
#2. Common

# SUSANVILLE



1 HUBBARD  
LDS CHURCH  
905  
RICHMOND RD

Are OPS  
Commercial RD  
Johnstonville RD





