

# ***CAL FIRE***



**CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION  
SONOMA-LAKE NAPA UNIT  
1199 Big Tree Road  
St. Helena, CA 94574**

## **INVESTIGATION REPORT**

**CASE NUMBER:** 17CALNU010050

**CASE NAME:** Adobe

**DATE:** October 8, 2017

**INCIDENT TYPE:** Wildland Fire

**INCIDENT INVESTIGATOR(S):** Gary UBOLDI, Fire Captain – LNU  
Mike THOMPSON, Battalion Chief – CNR

1 **1 - VIOLATION(S):**

2 **CALIFORNIA PENAL CODE 192. (b)**

3 Manslaughter is the unlawful killing of a human being without malice.

4 (b) Involuntary—in the commission of an unlawful act, not amounting to a felony; or in  
5 the commission of a lawful act which might produce death, in an unlawful manner, or  
6 without due caution and circumspection. This subdivision shall not apply to acts  
7 committed in the driving of a vehicle.

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9 **PUBLIC RESOURCES CODE §4421.**

10 A person shall not set fire or cause fire to be set to any forest, brush, or other flammable  
11 material which is on any land that is not his own, or under his legal control, without the  
12 permission of the owner, lessee, or agent of the owner or lessee of the land.

13

14 **PUBLIC RESOURCES CODE §4435.**

15 If any fire originates from the operation or use of any engine, machine, barbecue,  
16 incinerator, railroad rolling stock, chimney, or any other device which may kindle a fire,  
17 the occurrence of the fire is prima facie evidence of negligence in the maintenance,  
18 operation, or use of such engine, machine, barbecue, incinerator, railroad rolling stock,  
19 chimney, or other device. If such fire escapes from the place where it originated and it  
20 can be determined which person's negligence caused such fire, such person is guilty of  
21 a misdemeanor.

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1 **HEALTH AND SAFETY CODE §13001.**

2 Every person is guilty of a misdemeanor who, through careless or negligent action,  
3 throws or places any lighted cigarette, cigar, ashes, or other flaming or glowing  
4 substance, or any substance or thing which may cause a fire, in any place where it may  
5 directly or indirectly start a fire, or who uses or operates a welding torch, tar pot or any  
6 other device which may cause a fire, who does not clear the inflammable material  
7 surrounding the operation or take such other reasonable precautions necessary to  
8 insure against the starting and spreading of fire.

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1 **2 - SUMMARY:**

2 On October 8, 2017 at approximately 11:08 PM. a eucalyptus tree located at the  
3 address of 8555 Sonoma Highway in the community of Kenwood, fell across electrical  
4 conductor lines owned by Pacific Gas and Electric Company. A vegetation fire occurred  
5 on the property shortly after the tree fell in to the conductor wires. Initial witnesses who  
6 arrived at scene of the fire described the fire originating from the west side of a  
7 secondary access road on the west side of the main building.

8  
9 The resulting vegetation fire spread out of control and was named the Adobe fire. On  
10 October 9, 2017 at 5:25 AM the Incident Commanders for the Adobe and Nuns Fire  
11 combined the two fires and called them the Central LNU Complex.

12  
13 A total of six fires were added later to the Central LNU Complex (Nuns, Adobe, Norbom,  
14 Presley, Partrick, and Oakmont). A total of 56,556 acres and 1355 building were  
15 destroyed, and 172 buildings were damaged in the Central LNU Complex. One fatality  
16 occurred as a result to the Adobe Fire in the community of Bennett Valley.

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1 **3 - SUSPECT:**

2 S-1 Pacific Gas and Electric Company

3 77 Beale Street 24<sup>th</sup> floor

4 San Francisco, CA 94105

5 *Owner and operator of the powerlines located in the fire origin.*

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1 **4 - WITNESS(ES):**

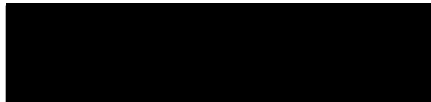
2 W-1 Shawn RAMSAY  
3 Vineyard Manager, Treasury Wine Estates



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5  
6 DOB: [REDACTED]  
7 DL: [REDACTED]  
8 Cell Phone: [REDACTED]

9 *First company employee and person at scene of the fire. Can speak to*  
10 *observations at the incident.*

11  
12 W-2 Daniel HERNANDEZ  
13 Security Officer, Allied Security Company



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15  
16 SEX: [REDACTED] HAIR: [REDACTED] EYES: [REDACTED]  
17 HT: [REDACTED] WT: [REDACTED] DOB: [REDACTED]  
18 DL: [REDACTED]  
19 Home Phone: [REDACTED]

20 *Second person at scene. Can speak to observations at the incident.*

21  
22 W-3 Robert UBOLDI  
23 Assistant Fire Chief, Kenwood Fire Protection District  
24 9045 Sonoma Highway  
25 Kenwood, CA. 95452  
26 Station Phone: (707) 833-2042

27 *Third person at scene, first fire personnel at scene. Can speak to observations at*  
28 *the incident.*

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- 1 W-4 Travis PAOLINI  
2 Fire Fighter (company officer), Kenwood Fire Protection District  
3 9045 Sonoma Highway  
4 Kenwood, CA. 95452  
5 Station Phone: (707) 833-2042  
6 *Fourth person at scene, second fire personnel at scene. Can speak to*  
7 *observations at the incident.*  
8
- 9 W-5 Zach MILLER  
10 Fire Fighter (driver/operator), Kenwood Fire Protection District  
11 9045 Sonoma Highway  
12 Kenwood, CA. 95452  
13 Station Phone: (707) 833-2042  
14 *Fifth person at scene, third fire personnel at scene. Can speak to observations at*  
15 *the incident.*  
16
- 17 W-7 Mike THOMPSON  
18 Battalion Chief, CALFIRE, North Region  
19 6105 Airport Road  
20 Reading, CA. 96002  
21 Phone: (530) 226-3477  
22 *Sixth person at scene. Can speak to observations at the incident.*  
23
- 24 W-8 Daren BELLACH  
25 Fire Chief, Kenwood Fire Protection District  
26 9045 Sonoma Highway  
27 Kenwood, CA. 95452  
28 Station Phone: (707) 833-2042  
29 *Assisted in collection and transportation of evidence from 8555 Sonoma Highway*  
30 *Kenwood, CA.*

1 W-9 James NOLT

2 Electrical, Mechanical, Corrosion Engineer, JHNOLT Associates

3 [Redacted]  
4 [Redacted]

5 Phone: [Redacted]

6 *Can speak to observations at the incident.*

7

8 W-10 Mark PORTER

9 Arborist, Mark's Tree Service and Consulting

10 [Redacted]  
11 [Redacted]

12 Phone: [Redacted]

13 *Can speak to observations at the incident.*

14

15 W-11 Russell WEST

16 Fire Captain Specialist, CAL FIRE, LNU

17 2210 West College Ave.

18 Santa Rosa, CA. 95401

19 Phone: (707) 967-1400

20 *Can speak to observations at the Pressley Incident (17CALNU010050).*

21

22 V-1 Daniel Martin Southard

23 Residence

24 [Redacted]  
25 [Redacted]  
26 [Redacted]

27

28 Refer to Adobe Fire 17CALNU010050 Damage Inspection Report (Attachment #35.3)  
29 for a list of victims effected by property loss from the fire.

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1 **OTHER(S):**

2 RP-1 Debbie COOPER

3 Resident

4 [REDACTED]

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6 SEX: [REDACTED]

7 Phone: [REDACTED]

8 *First resident to call 911 dispatch from the area. Can speak to observations near*  
9 *the incident.*

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1 **5 – EVIDENCE:**

2 On October 17, 2017 while collecting evidence with PG&E, I cut three pieces of wire  
3 with a side cutter plyer. The three cuts I made were to the wires attached to the top of  
4 power pole #GT41422 (see photograph IMG.\_0598.jpg for general location of cuts).  
5 These three cuts were necessary to separate evidence items # 2.1,3.1,4.1 from  
6 evidence items # 2.2, 3.2, & 4.2. Prior to cutting, I inspected all three wires for damage.  
7 All three wires appeared to be undamaged prior to cutting.

8  
9 Evidence was collected by me. Prior to transport the evidence was secured and  
10 covered with a tarp by me in a KFPD pickup, Rescue 3141. Evidence was transported  
11 by KFPD, Chief Daren BELLACH while under my supervision of from 8555 Sonoma  
12 Highway Kenwood CA to the CAL FIRE Santa Rosa Station / Prevention office and  
13 evidence storage locker located at 2210 West College Ave. Santa Rosa CA. I remained  
14 behind the vehicle carrying the evidence during the whole trip to the evidence locker  
15 from the scene. I did not lose sight of the vehicle during the trip.

16  
17 **Evidence**

18 At the scene, evidence item numbers were assigned to reference points and to  
19 evidence items to assist with Light Detection and Ranging (LIDAR) team. Not all the  
20 evidence tents were collected as evidence, as they were marking reference points and  
21 not evidence items. All evidence items pertinent to the investigation were collected by  
22 me and documented.

23  
24 I received a large volume of data which was provided to me from PG&E. I reviewed all  
25 of the data and kept pertinent portions of the data in the report. The remainder of the  
26 unused data has been saved and securely stored at CAL FIRE Santa Rosa Station /  
27 Prevention office, evidence storage locker located at [REDACTED]

28 [REDACTED]

29  
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1 The PG&E electrical meter which was collect by PG&E under my supervision was  
2 released back to PG&E. (see photograph IMG\_0939.JPG).

3 I recorded the electrical meter numbers as follow.

4 PG&E 1003746174

5 KZG10037461740708

6 35 936 460

7 Plastic seal # 10018567 (clear / blue in color)

8

9 See attached CAL FIRE LE-75e for list of evidence items.

10

### 11 **Photographs**

12 IMG\_0592.JPG thru IMG\_939.JPG Three hundred forty seven photographs were  
13 taken by me between the dates of October 9, 2017 and October 17, 2017.

14 IMG\_8559.JPG thru IMG\_8608.JPG Forty six photographs were taken by me on  
15 October 24, 2017.

16 IMG\_0314.JPG,0316.JPG thru IMG\_0320.JPG Six photographs were taken with my  
17 state issued cellular phone on October 10, 2017.

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### 19 **Audio Recordings**

20 171010\_0021.MP3 File (Interview between HERNADEZ and myself)

21 00:19:26 in duration, on October 10, 2017.

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1 **6 – PHYSICAL CONDITION OR CONDITIONS:**

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3 Santa Rosa Remote Area Weather Station (RAWS)

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5 Date: Sunday, October 08, 2017

6 Time: 11:00 PM

7 Temperature: 70 degrees Fahrenheit

8 Dew Point: 13 degrees Fahrenheit

9 Relative Humidity: 11 percent

10 Wind Speed: 24 miles per hour, gusts to 22 miles per hour.

11 Wind Direction: North

12 Fuel Temperature: 69 degrees Fahrenheit

13 Instrument Used: Remote Area Weather Station (RAWS)

14 GPS Coordinates: 38° 28' 43" 122° 42' 43"

15 Elevation: 576 feet above sea level

16 9.5 miles west of GOA of fire (See attached for reference map).

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1 Kenwood Fire Department Weather Station (KCAKENW02)

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3 Date: Sunday, October 08, 2017

4 Time: 11:08 PM

5 Temperature: 71.6 degrees Fahrenheit

6 Dew Point: 23 degrees Fahrenheit

7 Relative Humidity: 16 percent

8 Wind Speed: 16 miles per hour, gusts to 24 miles per hour.

9 Wind Direction: North / Northeast

10 Instrument Used: Automated Weather Station

11 GPS Coordinates: 38° 25.099' 122° 33.049'

12 Elevation: 424 feet above sea level

13 .73 miles south of GOA of the fire (see attached for reference map). The weather station  
14 KCAKENWO2 is less than one mile from the GOA. This weather station is the best  
15 representation of the weather conditions which occurred at the GOA due to elevation  
16 and proximity.

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1 **7 – VEHICLE(S)/EQUIPMENT:**

2 Electrical powerlines connected from electrical power pole # GT140648 located at Goff  
3 Road in Kenwood, CA. 95452 to the Pacific Gas and Electric, meter located at Chateau  
4 Saint Jean Winery. 8555 Sonoma Highway Kenwood, CA. 95452

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1 **8 – PROPERTY:**

2 Business name: Chateau Saint Jean Winery

3 Owner: Treasury Wine Estates.

4 Address: 8555 Sonoma Highway

5 Kenwood, California

6 Sonoma County

7 Latitude: 38° 31.7330

8 Longitude: -122° 45.8780

9 Elevation: 210 FT.

10 APN# 050-150-006-000

11  
12 Property located northwest side of Sonoma Highway (State Highway 12), east of Adobe  
13 Canyon Road in the community of Kenwood, California.  
14 (See attached overview site map)

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1 **9 – NARRATIVE:**

2 On October 8, 2017 at approximately 11:08 PM, a vegetation fire occurred at the  
3 address of 8555 Sonoma Highway in the community of Kenwood, located in Sonoma  
4 County, California. The area at the time of the fire was issued a red flag wind warning  
5 by the United States National Weather Service. I responded in uniform in my marked  
6 department vehicle to the incident at 8555 Sonoma Highway in the community of  
7 Kenwood.

8  
9 I arrived at scene on October 9, 2017 at approximately 7:00 AM. I met with Kenwood  
10 Fire Protection District (KFPD), Assistant Chief Robert UBOLDI. R. UBOLDI told me the  
11 following in summary. R. UBOLDI told me he was the first he knew of to arrive at scene.  
12 R. UBOLDI told me he arrived at scene and saw fire on the west side of the main winery  
13 building. He told me the fire was spreading in a southwest direction towards Sonoma  
14 Highway and the community of Kenwood. He pointed and told me where he saw the  
15 perimeter of the fire when he arrived. I marked the two locations with white and blue  
16 striped survey flagging (see photographs IMG\_0601.JPG & IMG\_0605.JPG). R.  
17 UBOLDI told me KFPD, Engine 3182 arrived at scene shortly after him and attempted to  
18 make a hose lay across the front of the lawn on the south west corner of the building.

19  
20 After meeting with R. UBOLDI I met with KFPD, Fire Fighters Zack MILLER and Travis  
21 PAOLINI who were on Engine 3182. MILLER told me the following in summary. MILLER  
22 told me when they arrived at scene the fire was spreading to the west up the hill away  
23 from the winery. MILLER told me he and PAOLINI stretched a hose line to the  
24 southwest corner of the winery building to protect it from the fire (see photograph  
25 IMG\_0614.JPG). MILLER told me as they were fighting the fire he could see the fire  
26 crowning in the trees on the slope west of the building. MILLER described the fire  
27 conditions to be extreme. PAOLINI recollection of the events mirrored MILLER's  
28 description of events during a separate interview. PAOLINI told me after extinguishing  
29 the fire which was threatening the building, he and MILLER moved the engine to the rear  
30 of the winery building and deployed another hose line to protect the west side of the



1 building. PAOLINI told me they extinguished several spots along the building, in the  
2 area of the dumpster and roof gutters (see photograph IMG\_0716JPG.).

3 (See CAL FIRE LE-78 Witness Statement PAOLINI).

4

5 After interviewing R. UBOLDI, MILLER, and PAOLINI, I began to survey the scene and  
6 looking for macro fire pattern indicators. I walked in a clockwise direction starting from  
7 where R. UBOLDI told me he had first seen the fire along the west fence line. From the  
8 fence line, I walked north across the slope to the base of a reservoir located near the  
9 rear of the winery building observing protection type fire pattern indicators which  
10 showed the advancing fire pattern indicator vector was from the secondary access road  
11 / southwestern corner of the main building.

12

13 While standing near the base of the reservoir, I could see and hear a large trailer  
14 mounted diesel powered generator, which appeared to be running. The generator was  
15 located between the main winery building and the reservoir (see photographs  
16 IMG\_0727.JPG & IMG\_0736.JPG). I called Treasury Wine Estate Equipment Mechanic  
17 Gregory AMANTITE. I asked AMANTITE if the generator was connected to the main  
18 power supply. AMANTITE told me yes, via an automatic transfer switch which would  
19 isolate the power to the facility and would not back feed in to the powerlines which  
20 supplied the facility.

21

22 From the reservoir, I walked east back toward the winery. When I arrived at the corner  
23 of the winery building, I turned and walked southwest down a paved access road to the  
24 front of the winery building and on to the lawn. I observed backing type fire pattern  
25 indicators along the west side of the paved roadway. The backing fire pattern indicators  
26 showed the backing fire pattern indicator vector was from the west side of the  
27 secondary access road, south of my location. When I reached the lawn, in front of the  
28 building, I saw a set of tire tracks on the lawn starting from the access road. The tire  
29 tracks extended from the access road north on to the lawn towards the main winery

1 building. The tire tracks ended several feet from the steps of the stairway leading up to  
2 a patio area from the edge of the lawn (See photograph IMG\_0763.JPG).

3  
4 I continued my survey back down to my vehicle which was parked in front of the lawn. I  
5 saw a large eucalyptus tree approximately one hundred feet tall laying across the  
6 secondary access road. Underneath the eucalyptus tree, I could see what appeared to  
7 be several electrical conductors laying on the roadway of the secondary access road  
8 (See photograph IMG\_0628.JPG). South of the tree which was across the road I  
9 observed protection and staining types of advancing fire pattern indicators, which  
10 indicated to me the fire originated from the north.

11  
12 I retrieved a roll of "Fire Line do not cross" barricade tape from my vehicle and began  
13 securing what I believed to be the area surrounding the GOA. I determined this area  
14 from the macro fire pattern indicators I saw on my first rotation around the heel of the  
15 fire. While I was securing the area, I checked the macro fire pattern indicators from the  
16 opposite direction.

17  
18 After securing the area around the heel of the fire, I met with CALFIRE Battalion Chief  
19 Mike THOMPSON. THOMPSON responded to assist me with my investigation. I briefed  
20 THOMPSON on what I had found and we began looking for and identifying macro and  
21 micro fire pattern indicators. We began working the area west of the heel of the fire,  
22 towards the highway, we worked our way east back towards the winery building. We  
23 found several advancing indicators and lateral fire pattern indicators. We followed the  
24 sooting, staining and angle of char fire pattern indicators back to a power pole along the  
25 secondary access road.

26  
27 At 8:28 AM on October 10, 2017, two individuals who work for PG&E approached the  
28 scene. The first individual was James WEBB (employee ID# JVV7) and the second  
29 individual was Jarod CONWAY (employee ID# JKCK).

30

1 I told WEBB what AMANTITE had told me about the onsite generator which was still  
2 running and requested WEBB to isolate and make safe the section of PG&E powerlines  
3 from power pole # GT40648 (evidence tent 19) to the electrical meter at 8555 Sonoma  
4 Highway, WEBB agreed. WEBB walked with me up the access road to check for  
5 additional life safety hazards after disconnecting the powerlines at power pole #  
6 GT40648.

7  
8 As WEBB and I approached power pole # 120101124 (evidence tent 9) WEBB pointed  
9 to evidence item # 11 and told me it was originally attached to the top of the equipment  
10 located on top of power pole #120101124 (evidence tent 9). WEBB told me it was one  
11 of two missing bushings. WEBB pointed to the ground and showed me a v-pattern on  
12 the road surface of the access road (see photograph IMG\_0858.JPG). The v-pattern  
13 looked to me to be an oil stain on the pavement. WEBB told me the material which  
14 formed the v-pattern was oil originally from inside the transformer located on power pole  
15 #120101124 (evidence tent 9). WEBB showed me the gasket (evidence item #11) which  
16 was hanging in a palm tree (see photograph IMG\_0660.JPG). WEBB found the second  
17 transformer bushing (evidence item # 6) (see photograph IMG\_0655.JPG). WEBB also  
18 told me the eucalyptus tree, (evidence item # 5) was what had knocked down the power  
19 lines and caused the transformer and conductors to fail. (See attachment 45 Outage  
20 Report PGE-CF\_00136055 for notes written by PG&E discussing the incident.)

21  
22 After WEBB told us the powerlines were safe to work around THOMPSON and I began  
23 looking for fire pattern indicators. I began my search from the area near power pole  
24 #GT140648 (evidence item 19). I saw protection type advancing fire indicators leading  
25 from the northeast to the southwest along the drainage. I continued up the drainage,  
26 following the advancing fire pattern indicators. I walked north, across the drainage until I  
27 located lateral fire pattern indicators mid slope on the hill.

28  
29 After locating the lateral fire pattern indicators, I began looking for indicators down  
30 slope back towards the drainage and winery. I followed the lateral indicators to the

1 drainage west of power pole #120101124 (evidence item 9). The fire pattern indicators  
2 began to transition from lateral to advancing as I crossed the drainage, walking towards  
3 the secondary access road. I saw the fire pattern indicators directing me towards power  
4 pole #120101124 (evidence item 9). As I passed power pole #120101124 (evidence  
5 item 9) to the northeast I saw the fire pattern indicators transition from advancing to  
6 backing.

7  
8 The fire pattern indicators located northeast of power pole #120101124 (evidence item  
9 9), and between the drainage and the access road were a mix of lateral and backing fire  
10 pattern indicators. I saw several narrow advancing fire pattern indicator clusters. I  
11 attributed this phenomenon to false fire pattern indicators. These indicators consisted of  
12 isolated backing type fire pattern indicators transitioning to an advancing fire due to  
13 wind and fuel alignment which did not reflect the totality of the overall direction of the fire  
14 spread.

15  
16 From the sooting, staining, and protection, micro fire pattern indicators I observed  
17 northeast power pole #120101124 (evidence item 9). I ruled out the possibility of the fire  
18 originating northeast of power pole #120101124 (evidence item 9), I returned to the  
19 base of power pole #120101124 (evidence item 9). I began to look for signs of micro fire  
20 pattern indicators. I began my focused search around the base of power pole  
21 #120101124 (evidence item 9). I worked my way outwards in a rotation. I saw several  
22 advancing and lateral fire pattern indicators directing me towards an area between  
23 power pole # 120101124 (evidence item 9) and the edge of the access road. The area  
24 in question was approximately twelve feet long paralleling the access road edge. From  
25 the road edge west this area extended approximately five to six feet. I determined this  
26 area to be my GOA. (See attachment 9.2 GPS Evidence Collection, for a map detailing  
27 locations of advancing, lateral, and backing fire pattern indicators)

28  
29 I did a grid search of the GOA. I marked out search lanes with survey string  
30 perpendicular to the secondary access road and power pole # 120101124 (evidence

1 item 9). I began searching from the edge of the secondary access road towards power  
2 pole # 120101124 (evidence item 9). On each search lane, I performed the following  
3 tasks in this order from one end to the opposite end of each search lane.

- 4 • Visual inspection of the undisturbed lane for fire pattern indicators and possible  
5 evidence items (with and without a magnification glass).
- 6 • Removal of loose material from the search lane, with a comb and tweezers,  
7 placing all disturbed materials in to previously searched areas.
- 8 • Application of a magnet just above the surface to collect metallic items.
- 9 • Prior to moving to the next search lane, I identified any burn pattern indicators,  
10 evidence items and points of interest with pin flags.

11  
12 I determined the location of my GOA by observing protection, cupping, sooting, and  
13 spalling types of advancing and lateral fire pattern indicators (see photograph  
14 IMG.696.JPG). Within the GOA, I found a minimum of three plausible and reliable  
15 ignition sources within the GOA. These three ignition sources had correlating micro fire  
16 pattern indicators directing me to them as potentially responsible ignition sources for the  
17 fire. I saw the area of the GOA experienced low intensity heat with several isolated  
18 pockets of extreme heat located near the plausible ignition sources. The three ignition  
19 sources were three portions of a single electrical conductor. (marked by evidence tents  
20 E-7, E-20, E-22) (see photograph IMG\_0876.JPG).

21  
22 I began to investigate the eucalyptus tree (evidence item #5). The tree was laying  
23 across the secondary access road to the south. I started to investigate the stump from  
24 where the tree appeared to have originated. I saw a portion of the tree was still attached  
25 to the stump. The wood attaching the tree to the stump appeared to have acted like a  
26 hinge and remained connected to the stump after it had fallen (see photograph  
27 IMG\_0801.JPG).

28  
29 The eucalyptus tree, evidence item #5, had a mark / ridge protruding from the trunk on  
30 the same side as the stump. The mark / ridge on the trunk correlated with where I

1 believe the tree originally connected with the top of the stump prior to falling. I attached  
2 a large galvanized, ten-inch-long nail into the area of the mark / ridge of the trunk of the  
3 tree (see photograph IMG\_803.JPG). I attached my tape measure to this galvanized nail  
4 stretched my tape measure along the trunk of the tree until I reached the tip of the tree. I  
5 made every effort to keep the tape straight while weaving it around the tree limbs. I  
6 recorded at the length of the tree to be approximately 110 feet long (see photograph  
7 IMG\_0782.JPG & IMG\_0783.JPG). I saw the tree had notable fire damage on the  
8 underside of the trunk just south of where it intersected the creek which parallels the  
9 secondary access road. The tree appeared to have landed on a dead log which was on  
10 the ground prior to the fire, on the south bank of the creek. The damage to the tree  
11 looked to be a result of the tree contacting the dead log which burned as a result the  
12 fire.

13

14 While inspecting the tree, I found several advancing fire pattern indicators along the  
15 north / northeast side of the tree trunk. With the totality of the advancing fire indicators  
16 observed. I concluded the tree had fallen to the ground prior to experiencing flames  
17 from the advancing fire north of its location.

18

19 I located and identified each electrical conductors which were attached to the six  
20 effected electrical power poles. I attached white colored electrical tape to what would  
21 have been the western most wire, green colored electrical tape to what would have  
22 been the middle or top electrical wire and red colored electrical tape to what would have  
23 been the eastern most wire. I attached blue colored tape to the phone/data line which  
24 would have been attached to the electrical pole under the electrical conductors on the  
25 pole.

26

27 On October 10, 2017, I located a male adult driving a small Sport utility vehicle. The  
28 individual identified himself as a security guard by the name of Daniel HERNANDEZ  
29 with Allied Security. Allied Security is contracted by Chateau St. Jean Winery for onsite  
30 security. I asked HERNANDEZ if he was at the site at the time of the fire. HERNANDEZ

1 told me yes. I asked HERNANDEZ if I could record our interview with my digital audio  
2 recorder. HERNANDEZ said that was fine. HERNANDEZ told me the following in  
3 summary.

4

5 HERNANDEZ told me he was checking the interior front portion of the building near the  
6 tasting room when the electricity went out. I asked HERNANDEZ if he had heard any  
7 noises prior to or during the power failure. HERNANDEZ said no, but he said he had  
8 experienced some hearing loss from his time working in the air force. HERNANDEZ told  
9 me he turned on his flash light and proceeded to exit the building out the front entrance  
10 where his vehicle was parked.

11

12 HERNANDEZ told me when he got back to his vehicle he could see smoke coming from  
13 the exterior of the southwest corner of the building. HERNANDEZ told me he could not  
14 see fire, only smoke and a bright white flashing light. HERNANDEZ told me the bright  
15 white light appeared to be coming from the ground near the access road along the side  
16 of the building. HERNANDEZ told me he drove his vehicle out of the parking lot and  
17 down the access road and then drove up on to the front lawn in front of the building to  
18 get a closer look (See attached photograph IMG\_0763.JPG).

19

20 I marked where HERNANDEZ parked his vehicle with evidence tent #28. HERNANDEZ  
21 told me the smoke was shifting back and forth in different directions which made it  
22 difficult for him to breath so he drove away. HERNANDEZ told me he met up with  
23 Shawn RAMSEY the Vineyard Manager and assisted with evacuating the remainder of  
24 the employees who were on the vineyard and property.

25

26 On October 10, 2018 at 11:50 AM, two CAL FIRE type three fire engines with a total of  
27 six personnel made an unauthorized entry in to the incident scene (see photograph  
28 IMG\_0757.JPG). The two engines made entry by breaking a minimum of four horizontal  
29 sections of Yellow, "FIRELINE DO NOT CROSS" barricade tape and opening a closed  
30 chain link gate (see photograph IMG\_0778.JPG). Prior to this point in the incident I had

1 not seen any fire resources driving on the road due to a burned vehicle blocking the  
2 main entry.

3

4 I immediately instructed both engine company officers to stop their apparatus and  
5 remain in the vehicles. Prior to me being able to stop both engines they had driven over  
6 three conductor wires and one communication wire (evidence items 1, 2, 3, & 4). I  
7 instructed both engine company officers to write me a narrative of what had just  
8 happened and I contacted their immediate division supervisor. I inspected the tire tracks  
9 from the engines and found that neither fire engine had done any damage to the scene  
10 (see attached CAL FIRE LE 71Supplementary Reports).

11

12 On October 11, 2017, CAL FIRE Forestry Assistant Jeremiah STEUTERMAN arrived at  
13 scene as requested. I briefed STEUTERMAN on the general layout of the scene and  
14 safety issues and concerns. I walked STEUTERMAN over to the grove of trees to be  
15 evaluated. I described to STEUTERMAN on how I originally found the scene and its  
16 condition. STEUTERMAN began his evaluation of the grove of trees. I continued to  
17 evaluate the scene while STEUTERMAN conducted his evaluation (see attachment 49  
18 CAL FIRE Forester STEUTERMAN Report)

19

20 On October 12, 2017, Arborist Mark PORTER arrived at scene as requested. I briefed  
21 PORTER on the general layout of the scene and safety issues and concerns. I walked  
22 PORTER over to the tree to be evaluated (evidence item #5). I described to PORTER  
23 on how I originally found the tree and its condition. PORTER began his evaluation of the  
24 evidence item #5. I assisted PORTER with collecting measurements for his evaluation.  
25 PORTER collected a wood sample from the tree stump (evidence item #17). PORTER  
26 placed the wood samples in to a clean paper envelope which I held open. After the  
27 items were in the envelope, I sealed and marked the envelope with my name, badge  
28 number, date and time. I secured the envelope in my pistol safe in my locked  
29 department vehicle (See attachment 33 Arborist Report PORTER).

30



1 I met with RAMSEY the Vineyard Manager from Treasury Wine Estates on October 13,  
2 2017. Treasury Wine Estates is the parent company of Chateau Saint Jean Winery and  
3 owner of the property. RAMSEY told me the following in summary. RAMSEY told me he  
4 was out driving around on the night of October 8, 2017. As he was drove up to the  
5 winery at approximately 11:30 PM, he could see a glow from the north side of the  
6 winery. RAMSEY told me he drove over to the glow to investigate it. When RAMSEY  
7 drove up the secondary access road he saw a large eucalyptus tree which had fallen  
8 across the road and had taken down the power and phone lines. RAMSEY showed me  
9 his location and point of view while I took a picture with my camera from the  
10 approximate direction and location (see photograph IMG\_0772.JPG). RAMSEY told me  
11 he stopped his truck and didn't get out because he saw the power lines were down on  
12 the ground and didn't want to get injured. RAMSEY showed me where he stopped and  
13 his tire tracks on the roadway. I marked RAMSEY's tire tracks with evidence tent # 25  
14 and orange spray paint. (see photograph IMG\_0773.JPG)

15  
16 RAMSEY told me the fire was located near the three palm trees near (evidence tent  
17 #11) RAMSEY told me the fire was on both sides of the secondary access road, but had  
18 not burned to the eucalyptus tree (evidence tent #5). I asked RAMSEY if he saw anyone  
19 else in the area. RAMSEY told me no. RAMSEY told me after seeing the fire he  
20 contacted and evacuated the remaining Treasury Wine Estates employees who were in  
21 the vineyard and the property. RAMSEY told me the fire engines arrived ten to twelve  
22 minutes after calling 911 on his cellular phone.  
23 (see attached CAL FIRE LE 78 Witness Statement)

24  
25 On October 12, 2017, USFS Special Agent Alex LOMVARDIAS and Sean WEST  
26 arrived at scene with their Light Detection and Ranging (LIDAR) equipment which I had  
27 requested. I briefed LOMVARDIAS and WEST on what I wanted them to scan.  
28 LOMVARDIAS and WEST were on scene for a total of two days conducting their  
29 operation (See attachment 26 Supplemental report SA LOMVARDIAS).

30

1 On October 14, 2017, Electrical Engineer James NOLT from JH Nolt Associates arrived  
2 at scene whom I had requested. I briefed NOLT on the general layout of the scene and  
3 safety issues and concerns. I walked with NOLT through the scene explaining to him  
4 what I had found when I arrived and what had been disturbed by the PG&E crew and  
5 myself to mitigate safety issues. I assisted NOLT with collecting photographs for his  
6 evaluation.

7

8 After NOLT arrived, a bucket truck that I requested, arrived at scene. We were able to  
9 setup the bucket truck on the secondary access road without disturbing any evidence. I  
10 had NOLT use the bucket truck first to continue his evaluation of the conductors and  
11 hardware. (See attachment 32 Electrical Engineer NOLT Report)

12 After NOLT was finished, I used the bucket truck to examine and photograph the top of  
13 electrical pole #120101124 (evidence tent #9). Digital photos IMG\_0889.JPG through  
14 IMG.0926.JPG were taken when I was in the bucket truck. When I could get a closer  
15 look at the equipment atop of electrical pole #120101124 I saw the cross arm was  
16 distorted and appeared to be loose (see photograph IMG\_0923.JPG). Only one of the  
17 two wires were resting on the top of the cross arm. Both wires were not physically  
18 connected to the insulators mounted on the cross arm (see photograph  
19 IMG\_0889.JPG). The hardware attaching the cross arm also showed damage. When I  
20 inspected the transformer, I saw the top consisted of two openings. The surface was  
21 coated in an unknown type oil substance which had collected ash from the previous  
22 days. The two holes on the transformer appeared to be bent and distorted (see  
23 photographs IMG\_0895.JPG).

24

25 During my inspection of the of the top of electrical pole #120101124, I made every effort  
26 to avoid contact with the power pole and equipment. However, I did need to touch the  
27 outside edge of the wooden cross arm. I did this to avoid contacting the bucket truck to  
28 the electrical pole during an unexpected gust of wind.

29

1 Prior to collecting evidence on October 17, 2017, I cut and removed a section of the  
2 eucalyptus tree (evidence item # 5). I wanted to confirm fire pattern indicator under the  
3 eucalyptus tree trunk were consistent with the surrounding fire pattern indicators in the  
4 area. I took digital photographs prior to cutting the effected section of tree (see  
5 photographs IMG\_0927.JPG, IMG\_0930.JPG) I chose a section of the tree where it had  
6 made direct contact with the ground. I located this area near the edge of the pavement  
7 on the west side of the secondary access road where the tree had intersected the  
8 roadway.

9  
10 I made several cuts to remove branches from the tree trunk. As I cut each branch I laid  
11 it directly on the ground in relation to their original elevated location. Once the branches  
12 were clear of the tree trunk I made two cuts to the main tree trunk. Each section of the  
13 trunk dropped directly on to the ground. I lifted the effected middle section of the tree  
14 trunk directly upwards without adversely disturbing the area directly under the trunk. I  
15 moved the middle section of the trunk to the side of the tree attempting to keep it in line  
16 with the saw cuts (see photograph IMG\_0932.JPG). I could see where the tree trunk  
17 had come in direct contact with the ground showed advancing fire indicators from the  
18 northeast direction. The advancing fire pattern under the tree indicated to me the  
19 eucalyptus tree (evidence item # 5) had fallen prior to the fire progression from the  
20 northeast to this location. I placed my leather glove down on the ground and used the  
21 pointer finger of my empty glove to indicate the area in question while taking a  
22 photograph. (see photograph IMG\_0933.JPG)

23  
24 On October 24, 2017, PG&E restored electrical service to the property of 8555 Sonoma  
25 Highway Kenwood, CA. At approximately 2:00 PM that same day I returned to 8555  
26 Sonoma Highway. With the approval of the property representative, I retrieved  
27 electronically stored data within the memory of the electrical service transfer switch. I  
28 identified the equipment as a General Electric, Zenith Automatic Transfer Switch.  
29 Model: Entelli-Switch 250. Serial # 2530419.

30

1 Prior to accessing or operating the transfer switch controller, I read and reviewed the  
2 users operating manual (See attachment 14 Generator transfer switch operating  
3 manual). As I scrolled through each screen page on the controller, I took a picture of  
4 each display screen. Per the operating manual for the transfer switch (S1) represents  
5 the PG&E electrical service supplying the facility. (S2) represents the backup diesel  
6 powered generator supplying the facility. The transfer switch recorded a total of sixteen  
7 events within its memory.

8

9 The following were the events are as listed.

10

11 Event 1 January 18, 2017 at 5:58:33 PM

12 S1 restored (PG&E electrical service restored)

13

14 Event 2 January 18, 2017 at 5:58:55 PM

15 S1 UV fail (Failure of PG&E electrical service, under voltage fail)

16

17 Event 3 March 29, 2017 at 9:39:48 AM

18 S1 UV fail (Failure of PG&E electrical service, under voltage fail)

19

20 Event 4 March 29, 2017 at 9:39:49 AM

21 S1 restored (PG&E electrical service restored)

22

23 Event 5 May 30, 2017 at 10:39:27 AM

24 S1 UV fail (Failure of PG&E electrical service, under voltage fail)

25

26 Event 6 May 30, 2017 at 10:39:28 AM

27 S1 restored (PG&E electrical service restored)

28

29 Event 7 July 10, 2017 at 7:48:30 AM

30 S2 Stop (Facility diesel generator shut down)

1

2 Event 8 July 29, 2017 at 11:27:23 PM

3 S1 UV fail (Failure of PG&amp;E electrical service, under voltage fail)

4

5 Event 9 July 29, 2017 11:27:24 PM

6 S1 restored (PG&amp;E electrical service restored)

7

8 *The following events occurred during and after the time of the fire on October 8, 2017*

9

10 Event 10 October 8, 2017 at 11:08:05 PM

11 S1 UV fail (Failure of PG&amp;E electrical service, under voltage fail)

12

13 Event 11 October 8, 2017 at 11:08:06 PM

14 S1 restored (PG&amp;E electrical service restored)

15

16 Event 12 October 8, 2017 at 11:08:17 PM

17 S1 UV fail (Failure of PG&amp;E electrical service, under voltage fail)

18

19 Event 13 October 8, 2017 at 11:08:18 PM

20 S1 restored (PG&amp;E electrical service restored)

21

22 Event 14 October 8, 2017 at 11:08:33 PM

23 S1 UV fail (Failure of PG&amp;E electrical service, under voltage fail)

24

25 Event 15 October 8, 2017 at 11:08:34 PM

26 S1 restored (PG&amp;E electrical service restored)

27

28 Event 16 October 24, 2017 at 11:37:10 AM

29 S2 Stop

1 In a document that was provided to me by PG&E titled "Vegetation Management Work  
2 Request" numbered SRNC1005704, shows communications between PG&E and their  
3 inspection contractor Western Environmental Consultants Inc. (WECI).  
4 (See attachment 34 Tree Work Request PGE-CF-00025462)

5  
6 WECI identified the need for tree work on a March 27, 2015 inspection at 8555 Sonoma  
7 Highway Kenwood, CA. The work request identifies the species of tree at the location  
8 as eucalyptus. WECI identified two locations on the property within the immediate  
9 vicinity of the GOA.

10  
11 The first location is listed as number 23. The physical description was listed as the,  
12 "second span along road to chateau delivery area". GPS coordinates 38.428445 -  
13 122.54760 were listed for this location in the location comments. In the tree comments  
14 section the abbreviation ".8SP BHD ROSES. NP.FLG" were typed. (See photograph  
15 IMG\_0717.JPG). In the photograph, on the left-hand side of the road above the  
16 concrete retaining wall, are the roses being referenced in the location 23 work request  
17 from WECI. This location also corresponds with the listed GPS location.

18  
19 The second location for the work request was listed as number 24. The physical  
20 description was the, "third span along the road to the chateau delivery area". No GPS  
21 coordinates were listed for this location in the location comments. In the tree comments  
22 section the abbreviation "1S. NP.FLG. IN CRK" were typed.

23  
24  
25  
26  
27  
28  
29  
30

1 **Fire cause exclusion**

2 I excluded the following causes for the fire at 8555 Sonoma Highway on October 8,  
3 2017 except for electrical.

4  
5 *Lightning*, I excluded lightning as a cause for the fire. I did not see any evidence of a  
6 lightning strike which could have occurred in the area. I inspected the surrounding trees  
7 and structures and found no evidence of a lightning strike. Witnesses and myself who  
8 were in the area prior to the fire and did not see lightning or hear thunder. I researched  
9 recorded weather data from National Interagency Fire Center (NIFC) and found no  
10 recorded lightning strike for this area between the dates of September 24, 2017 and  
11 October 8, 2017 (See attachment 16).

12 I did find evidence of fulgurites in the GOA. I excluded the creation of the fulgurites by  
13 lightning. The totality of the evidence did not support lightning as a cause due to the  
14 absence of damage which would be consistent with a lightning strike.

15  
16 *Campfires*, I excluded campfires as a cause for the fire. I inspected the area  
17 surrounding the GOA and property. I did not see a campfire or evidence which would  
18 lead me to believe a campfire was or had been used in the area of the property or GOA.  
19 The property was being monitored by a hired private security guard (HERNADEZ), and  
20 employees would have seen a campfire if it was present due to the location of the GOA.

21  
22 *Fireworks*, I excluded campfires as a cause for the fire. I did not see evidence of  
23 fireworks in the location the property or GOA. Witnesses also did not see or hear  
24 fireworks being used in or around the property or GOA prior to the fire.

25  
26 *Debris burning*, I excluded debris burning as a cause for the fire. I did not see any  
27 recent debris burning piles in the area. I did find a location to the southwest which was  
28 landscaping debris dumping area behind what appeared to have been the remains of a  
29 storage building. This area would have not been suitable or safe to conduct a debris  
30 burn. The fire pattern indicators I saw during my investigation did not indicate a fire had

1 pattern from this location. During the time of the fire there were no debris burn permits  
2 issued for this property by CAL FIRE, KFPD, or the Bay Area Air Quality Management  
3 District.

4  
5 *Vehicle*, I excluded vehicle use as a cause for the fire. I did not see evidence of vehicle  
6 use in the area or off the road near the GOA. The location of GOA would not have been  
7 a typical location to experience a vehicle malfunction which would have resulted in a  
8 vegetation fire. The location of the GOA was on a flat section of a twisty, single lane  
9 paved road. A driver driving in this area would have been typically traveling at a low  
10 speed (5 to 10 MPH). The section of road was not an area where an individual would  
11 have been accelerating to go up the hill or down shifting to control their vehicle speed.  
12 Additionally, this location was a secondary access road seldom used by the public or  
13 employees.

14  
15 *Cigarettes*, I excluded smoking as a cause for the fire. I did not see cigarettes, cigarette  
16 filters or remains of either in the area of the GOA. The weather conditions recorded at  
17 the time of the fire could support the possibility of cigarettes as an ignition source but,  
18 due to the low intensity of the burn in the GOA, I believe we would have located the  
19 remains of a cigarette or some other type smoking device within the GOA. Additionally,  
20 due to the time of day and the fact the winery was closed for business limits the  
21 possibility of someone (employee or customer) would accidentally start a fire with a  
22 cigarette. The GOA and surrounding area was not a common or designated area for  
23 smoking by employees. Per my interviews none of the witnesses smoked.

24  
25 *Arson*, I excluded arson as a cause for the fire. I did not see evidence of an arson  
26 device in the area of the GOA or the property. Due to the front entry gate being closed,  
27 and the presence of a security guard, several company employees on the property, it  
28 would be very difficult for an individual to enter and exit the property without being seen  
29 or contacted. The property owners do not have any record or recollection of any  
30 individuals who would be motivated or have made statements, current or in the past to



1 commit arson to the facility or company property. The distance from the locked gate at  
2 the entrance of the property to the GOA is approximately 1,318 feet.

3  
4 *Children playing with fire*, I excluded children playing with fire as a cause for the fire. I  
5 saw no evidence of forts or toys near the area of the GOA. The location of the GOA did  
6 not have any landmarks or geographical features which would had attracted children. I  
7 inspected adjacent properties and found no evidence of children. Due to the time of day  
8 of the fire starting, I concluded that it was highly unlikely a child or children were in the  
9 area of the GOA. The nearest known child lives over a half mile away and would have  
10 likely been discovered by an employee or the security guard if they were present.

11  
12 *Equipment use*, I excluded equipment use as a cause of the fire. I did not see any  
13 evidence of recent equipment use in the area of the GOA. RAMSEY told me during our  
14 interview he had not seen or heard of the employees working in this area prior to the  
15 fire. I did not see signs of recent "hot" work or landscaping work in the area of the GOA.

16  
17 **Opinion and conclusion:**

18 I determined the cause of the Adobe fire on October 8, 2017 to be caused by electrical  
19 power line. At approximately 11:08 PM on October 8, 2017, a eucalyptus tree (evidence  
20 item # E-5) fell south, across the secondary access road at the address of 8555  
21 Sonoma Highway. The eucalyptus tree struck suspended electrical conductors which  
22 were attached between power pole #120101124 (evidence item 9) and power pole  
23 #GT41422 (evidence item 18). The electrical conductors broke and fell to the ground  
24 and onto surrounding vegetation. Several of the conductors remained energized and  
25 arced causing a vegetation fire near evidence tents # 21, 7, 15, 20, 22, and 10. I saw  
26 that the electrical conductor wire which I marked with white electrical tape appeared to  
27 remain energized after falling to the ground and onto vegetation. Under each section of  
28 the white wire I found several fulgurites and spalded of rocks (see photograph  
29 IMG\_0842.JPG). Additionally, evidence of the reenergization of the powerlines was  
30 recorded within the data memory of the electrical transfer switch. Event 10 show the


1 time when the tree contacted the powerlines and events 11, through 16 show PG&E's  
2 equipment was attempting to re-energize the system after a failure occurred.

3  
4 In a document which was provided to me from PG&E, called a Supervisory Control and  
5 Data Acquisition (SCADA) Event Log showed an electrical power outage. This outage  
6 occurred on October 8, 2017 at 23:08 (11:08 PM) on the DUNBAR 1101 circuit, to fuse  
7 1261. The location of this device is stated as 500 N/HWY 12 S/ADOBE CANY. The  
8 SCADA Event Log with the generator transfer switch data, fire pattern indicators, and  
9 witness accounts indicates the fire originated from the base of power pole # 120101124  
10 (evidence tent 9) from the electrical conductor (white) evidence item #2 at  
11 approximately 11:08 PM on October 8, 2017.

12  
13 The resulting fire in its initial stage near power pole # 120101124 (evidence tent 9) was  
14 witnessed by RAMSEY and HERNANDEZ. Later, the fire progression was witnessed by  
15 R. UBOLDI, MILLER and PAIOLNI.

16 The fire spread rapidly in two directions the primary towards Sonoma Highway and the  
17 community of Kenwood, and in a secondary direction towards the County of Napa later  
18 during the incident.

19  
20 On October 9, 2017 at 5:25 AM the Incident Commanders for the Adobe and Nuns Fires  
21 combined the two fires and called them the Central LNU Complex. A total of six fires  
22 were added to the Central LNU Complex (Nuns, Adobe, Norbom, Presley, Partrick, and  
23 Oakmont). A total of 56,556 acres were burned. 1355 building were destroyed, 172  
24 building were damaged within the Central LNU Complex. One fatality occurred within  
25 the perimeter of the Adobe Fire.

26  
27  - 5/22/2018  
28 Signature Date

29 Gary UBOLDI, Badge 2814  
30 Fire Captain

**10 – ATTACHMENTS:**

- 1 - Overview map.
- 2 - Overview map.
- 3 - Overview map.
- 4 - Overview map.
- 5 - SRA-LRA line map.
- 6 - Power lines.
- 7 - Santa Rosa RAWs Location.
- 8 - KFPD Weather Station Location.
- 9.1 - Evidence Collection GPS Log.
- 9.2 - GPS Evidence Collection
- 10 - Sketch of tree, E-5.
- 11 - Tire tracks measurements from HERNANDEZ.
- 12 - CAL FIRE LE92 for PG&E.
- 13 - CAL FIRE LE92 for Treasury Wine Estates.
- 14 - Generator transfer switch instructions.
- 15 - Incident timeline.
- 16 - NIFC Lightning viewer map.
- 17 - Photograph Log #1. (scene photos)
- 18 - Photograph Log #2. (transfer switch photos)
- 19 - IMG\_0595A wire color coding.
- 20 - CAL FIRE LE92 for Frontier Communication.
- 21 - Scene security log & ICS 214.
- 22 - KFPD weather station log.
- 23 - Santa Rosa RAWs log.
- 24 - PG&E SCADA event log.
- 25 - REDCOM Event Log.
- 26 - SUPPLEMENTAL REPORT\_SA LOMVARDIAS.
- 27 - CAL FIRE LE71 E-4362, E-4364, & Div DD.

- 28 - Notes from HERNANDEZ interview.
- 29 - CAL FIRE LE78 Witness statement PAOLINI.
- 30 - CAL FIRE LE78 Witness Statement RAMSAY.
- 31 - 1st RP location
- 32 - Electrical Engineer Report NOLT
- 33 - Arborist Report PORTER
- 34 - Tree Work Request PGE-CF\_00025462
- 35.1 - Damage Inspection Report (DINS) Adobe Grid Index
- 35.2 - Damage Inspection Report (DINS) Adobe Map Grid Series
- 35.3 - Damage Inspection Report (DINS) Report list Adobe
- 36 - PG&E Evidence Collection Log 12 26 17
- 37.1 - CAL FIRE FC34 Dispatch Report – Adobe Fire
- 37.2 - CAL FIRE FC34 Dispatch Report – Nuns Fire
- 38 - CAL FIRE LE75e Evidence Collection Log
- 39 - CAL FIRE LE71 Explanation of discrepancy
- 40 - CAL FIRE LE71 Explanation of missing evidence
- 41 - Fire merge map of Adobe, Oakmont, & Nuns
- 42.1 - CAL FIRE LE71 FC. WEST 17CALNU010050 (Pressley Fire)
- 42.2 - Photograph Log 17CALNU010050 (Pressley Fire)
- 43 - CAL FIRE Forester Jeremiah STEUTERMAN report
- 44 - Site Reference Map
- 45 - Outage Report PGE-CF\_00136055
- 46 - CAL FIRE LE71 ZIMMERMAKER