



PHOTOGRAPHIC LOG

STATE OF CALIFORNIA
 DEPARTMENT OF FORESTRY AND FIRE PROTECTION
 LE 75p (REV. 7/2011)

INCIDENT NUMBER	
15CALNU008670	
CASE NAME	
VALLEY	
DAY	CASE NUMBER
Sun.	

MONTH	DATE	YEAR	COUNTY	REGION	UNIT	CASE NUMBER
Sept.	13	2015	Lake	CNR	LNU	

PHOTO ID	DATE TAKEN	TIME TAKEN	TAKEN BY	PHOTO DESCRIPTION
IMG_0001	9/13/15	2:12 p.m.	J. Engel	Cover sheet indicating beginning of photographs.
IMG_0002	9/13/15	2:13 p.m.	J. Engel	Front of house located at 8015 High Valley Road, Cobb, CA.
IMG_0003	9/13/15	2:13 p.m.	J. Engel	Looking southwest from center of driveway, at 8015 High Valley Road, Cobb, CA.
IMG_0004	9/13/15	2:13 p.m.	J. Engel	Looking westerly, from north side of driveway, toward High Valley Road, and entrance to 8015 High Valley Road, Cobb, CA.
IMG_0005	9/13/15	2:13 p.m.	J. Engel	Looking northwesterly, from north side of driveway, toward High Valley Road.
IMG_0006	9/13/15	2:13 p.m.	J. Engel	Looking southeasterly from driveway toward burnt tool shed and destroyed wood shed.
IMG_0007	9/13/15	2:13 p.m.	J. Engel	Looking northerly from driveway toward well house and damaged pickup truck, reportedly moved from the vicinity of the tool shed.
IMG_0008	9/13/15	2:14 p.m.	J. Engel	Close-up of the front grill and license plate of the Toyota truck pictured in 0007 above.
IMG_0009	9/13/15	2:14 p.m.	J. Engel	Passenger side of Toyota truck pictured in 0007 above.
IMG_0010	9/13/15	2:14 p.m.	J. Engel	Rear view with license plate of Toyota truck pictured in 0007 above.
IMG_0011	9/13/15	2:14 p.m.	J. Engel	Driver side view of Toyota truck pictured in 0007, showing damage sustained when parked adjacent to tool shed pictured in 0006.
IMG_0012	9/13/15	2:14 p.m.	J. Engel	North side of house showing covered deck, electrical weather head (upper left roof) and hot tub (lower left porch).
IMG_0013	9/13/15	2:14 p.m.	J. Engel	Looking westerly toward propane tank, located east of fence line along High Valley Road.
IMG_0014	9/13/15	2:15 p.m.	J. Engel	Looking easterly toward front of well house.

IMG_0015	9/13/15	2:15 p.m.	J. Engel	North side of well house.
IMG_0016	9/13/15	2:15 p.m.	J. Engel	West side of well house.
IMG_0017	9/13/15	2:15 p.m.	J. Engel	South side of well house.
IMG_0018	9/13/15	2:15 p.m.	J. Engel	Looking easterly toward power pole, transformer and service drop from vicinity of Toyota truck.
IMG_0019	9/13/15	2:15 p.m.	J. Engel	North side of house with hot tub, below center of the photograph.
IMG_0020	9/13/15	2:59 p.m.	J. Engel	Temperature of hot tub water per Digi-Sense thermometer.
IMG_0021	9/13/15	3:00 p.m.	J. Engel	Timer control on hot tub, located on north side of house under covered porch, looking toward rear of house.
IMG_0022	9/13/15	3:00 p.m.	J. Engel	Close-up of timer control on hot tub. The picture shows the timer was on when power was lost.
IMG_0023	9/13/15	3:00 p.m.	J. Engel	Looking northerly along dry creek from northeast corner of house.
IMG_0024	9/13/15	3:01 p.m.	J. Engel	Looking northeasterly across dry creek, toward power pole from northeast corner of house.
IMG_0025	9/13/15	3:01 p.m.	J. Engel	Looking northerly along dry creek from northeast corner of house.
IMG_0026	9/13/15	3:02 p.m.	J. Engel	Looking easterly across dry creek, toward power pole, large oak, and double garden gate from northeast corner of house.
IMG_0027	9/13/15	3:02 p.m.	J. Engel	Looking southeasterly across dry creek, toward garden area, and foot bridge from northeast corner of house.
IMG_0028	9/13/15	3:02 p.m.	J. Engel	Looking southerly along dry creek and east side of house, toward garden area, and foot bridge from northeast corner of house.
IMG_0029	9/13/15	3:02 p.m.	J. Engel	Same as location as #24 above looking toward power pole from northeast corner of house. Photo of entire pole, transformer and drop.
IMG_0030	9/13/15	3:02 p.m.	J. Engel	Same location as #29 above, but zoomed on transformer, drop and other equipment.
IMG_0031	9/13/15	3:02 p.m.	J. Engel	Similar photo as #30.
IMG_0032	9/13/15	3:02 p.m.	J. Engel	Same location and direction of view as #24 & #29, zoomed in on base of power pole.
IMG_0033	9/13/15	3:02 p.m.	J. Engel	From northeast corner of house, looking southwesterly at east side of house, power meter, utility room door, and back door.
IMG_0034	9/13/15	3:03 p.m.	J. Engel	Power meter and primary breaker box at rear of house near the north east corner.

IMG_0035	9/13/15	3:03 p.m.	J. Engel	Primary breaker box, showing all breaker in the on position at rear of house near the north east corner.
IMG_0036	9/13/15	3:04 p.m.	J. Engel	East side (rear) of house, looking northwesterly from the southeastern corner of the house.
IMG_0037	9/13/15	3:04 p.m.	J. Engel	South side of house, looking westerly toward tool shed from the southeastern corner of the house.
IMG_0038	9/13/15	3:04 p.m.	J. Engel	Looking northeasterly across dry creek, toward garden area from southeast corner of house, near foot bridge.
IMG_0039	9/13/15	3:04 p.m.	J. Engel	Looking easterly across dry creek and foot bridge, toward garden area from southeast corner of house.
IMG_0040	9/13/15	3:04 p.m.	J. Engel	Looking southerly at dry creek and corner of garden area from southeast corner of house.
IMG_0041	9/13/15	3:04 p.m.	J. Engel	Looking southwestly from southeast corner of house.
IMG_0042	9/13/15	3:04 p.m.	J. Engel	Looking westerly toward destroyed wood shed and damaged tool shed, from adjacent to the southeast corner of house.
IMG_0043	9/13/15	3:04 p.m.	J. Engel	Looking northwesterly toward rear of house from garden area. Board and door were moved from against house by suppression personnel.
IMG_0044	9/13/15	3:04 p.m.	J. Engel	Looking northerly at creek bed and east bank of creek, adjacent to the garden area, from the foot bridge.
IMG_0045	9/13/15	3:05 p.m.	J. Engel	Looking northwesterly from #43 location. Zoomed photo of melted PVC (water and electrical conduit) with visible wires.
IMG_0046	9/13/15	3:05 p.m.	J. Engel	Same perspective as #45. Detailed photo of melted electrical conduit with visible red, black and white wires.
IMG_0047	9/13/15	3:05 p.m.	J. Engel	Same perspective as #45. Detailed photo of white PVC and Romex type wires. Additional wires shown along the ground.
IMG_0048	9/13/15	3:06 p.m.	J. Engel	Same perspective as #45. Detailed photo of wires running along ground and white PVC and Romex type wires.
IMG_0049	9/13/15	3:06 p.m.	J. Engel	Looking northeasterly across dry creek, toward northeast corder of garden area, from west bank near walking bridge.
IMG_0050	9/13/15	3:06 p.m.	J. Engel	Looking easterly at east bank of dry creek, toward garden area, from similar location as #38.

IMG_0051	9/13/15	3:10 p.m.	J. Engel	Looking southerly at destroyed wood shed with burnt lawn mower and attached trailer.
IMG_0052	9/13/15	3:10 p.m.	J. Engel	Same as #51.
IMG_0053	9/13/15	3:10 p.m.	J. Engel	Looking northwesterly at destroyed wood shed and burnt tool shed taken from near southwestern corner of house.
IMG_0054	9/13/15	3:39 p.m.	J. Engel	Looking northeasterly at the house, power pole and garden area, from a location across fence northeast of house.
IMG_0055	9/13/15	3:39 p.m.	J. Engel	Looking westerly along fence line from same location as #54.
IMG_0056	9/13/15	3:43 p.m.	J. Engel	Looking northwesterly toward High Valley Road, from driveway of adjacent property to the east of 8015.
IMG_0057	9/13/15	3:43 p.m.	J. Engel	Looking westerly toward house and associated power pole with transformer, from driveway of adjacent property to the east of 8015.
IMG_0058	9/13/15	3:43 p.m.	J. Engel	Looking southwesterly toward southeastern corner of garden area, from driveway of adjacent property to the east of 8015.
IMG_0059	9/13/15	3:43 p.m.	J. Engel	Looking northwesterly, point southwest of driveway on adjacent property to the east of 8015.
IMG_0060	9/13/15	3:45 p.m.	J. Engel	Looking westerly, at south side of house and burnt tool shed from a point on adjacent property, uphill and south of 8015.
IMG_0061	9/13/15	3:45 p.m.	J. Engel	Looking westerly, at south side and rear of house and burnt tool shed from a point south and uphill on adjacent property.
IMG_0062	9/13/15	3:45 p.m.	J. Engel	Looking northerly toward High Valley Road and driveway east of 8015, showing angles of char on large trees.
IMG_0063	9/13/15	3:52 p.m.	J. Engel	Looking northwesterly from east of garden area along fence list, showing angle of char on large trees.
IMG_0064	9/13/15	3:52 p.m.	J. Engel	Looking northwesterly from east of garden area along fence showing rear of house and garden area including compost bin.
IMG_0065	9/13/15	3:52 p.m.	J. Engel	Looking westerly from east of garden area along fence showing rear of house, garden area and burn tool shed.
IMG_0066	9/13/15	3:52 p.m.	J. Engel	Looking southwesterly from east of garden area toward southeast corner of garden area, along fence.
IMG_0067	9/14/15	10:57 a.m.	J. Engel	East side (rear) of house, looking northerly at indicator flagging and SOA from the southeastern corner of the house.

IMG_0068	9/14/15	10:57 a.m.	J. Engel	Indicator flagging, looking easterly, across the dry creek, toward garden area, from the southeastern corner of the house.
IMG_0069	9/14/15	10:57 a.m.	J. Engel	Indicator flagging, looking southeasterly, across creek, toward garden area, from the southeastern corner of house.
IMG_0070	9/14/15	10:58 a.m.	J. Engel	Indicator flagging, along creek's east bank, south of walking bridge, looking southerly.
IMG_0071	9/14/15	10:58 a.m.	J. Engel	Indicator flagging, on creek's west bank, south of walking bridge, looking northwesterly.
IMG_0072	9/14/15	10:58 a.m.	J. Engel	Backing indicator flagging, down south side of house to burnt tool shed, looking northwesterly.
IMG_0073	9/14/15	10:58 a.m.	J. Engel	Backing indicator flagging, down south side of house to burnt tool shed, looking northwesterly.
IMG_0074	9/14/15	10:58 a.m.	J. Engel	Indicator flagging around SOA and on east and west bank of creek, taken from garden area toward SOA.
IMG_0075	9/14/15	10:58 a.m.	J. Engel	Indicator flagging around SOA and on east bank of creek, taken from garden area toward SOA, looking northwesterly.
IMG_0076	9/14/15	10:58 a.m.	J. Engel	Zoomed lateral flagging indicators and backing indicator on east bank of creek, near foot bridge, taken from #75's location.
IMG_0077	9/14/15	10:59 a.m.	J. Engel	Zoomed stem fall backing indicator on east bank of creek, near foot bridge, taken from #75's location.
IMG_0078	9/14/15	10:59 a.m.	J. Engel	Zoomed lateral and backing indicators including protection, stem fall and die out, on banks of creek, taken from #75's location.
IMG_0079	9/14/15	10:59 a.m.	J. Engel	Zoomed lateral indicator from #78 showing protection.
IMG_0080	9/14/15	10:59 a.m.	J. Engel	Zoomed advancing indicators and flagging on east bank of creek, taken from #75's location.
IMG_0081	9/14/15	10:59 a.m.	J. Engel	Zoomed advancing indicator from #78 showing protection sooting and staining.
IMG_0082	9/14/15	11:00 a.m.	J. Engel	Zoomed advancing indicator from #78 showing protection sooting and staining.
IMG_0083	9/14/15	11:00 a.m.	J. Engel	Indicator flagging on west bank of creek, looking west, taken from garden area toward SOA, looking westerly.
IMG_0084	9/14/15	11:00 a.m.	J. Engel	Indicator flagging around SOA and on west bank of creek, taken from footbridge toward SOA, looking northwesterly.
IMG_0085	9/14/15	11:00 a.m.	J. Engel	Zoomed lateral indicator flagging with stem fall from same location as #84.

IMG_0086	9/14/15	11:00 a.m.	J. Engel	Lateral indicator flagging and stem fall indicators on east bank of creek, taken from west bank, looking easterly.
IMG_0087	9/14/15	11:00 a.m.	J. Engel	Indicator flagging on west bank of creek, with part of SOA on right, taken from creek bed, looking northwesterly.
IMG_0088	9/14/15	11:00 a.m.	J. Engel	Indicator flagging on west bank of creek, SOA centered, taken from creek bed, looking westerly.
IMG_0089	9/14/15	11:01 a.m.	J. Engel	Zoomed advancing indicator from #87, consisting of staining and sooting.
IMG_0090	9/14/15	11:01 a.m.	J. Engel	Zoomed advancing indicator from #87, consisting of degree of damage.
IMG_0091	9/14/15	11:01 a.m.	J. Engel	Zoomed advancing indicator from #87, including degree of damage, depth of char, and protection. Also Romex and wires on ground.
IMG_0092	9/14/15	11:01 a.m.	J. Engel	Close-up of indicator in #91.
IMG_0093	9/14/15	11:01 a.m.	J. Engel	Advancing burn indicator from #94. Photograph of suspended Romex wire loop. Red, black, green and white wires on the ground.
IMG_0094	9/14/15	11:01 a.m.	J. Engel	Close-up of indicator in #91.
IMG_0095	9/14/15	11:01 a.m.	J. Engel	Indicator flagging on west bank of creek, taken from west edge, looking easterly.
IMG_0096	9/14/15	11:01 a.m.	J. Engel	Advancing indicator consisting of degree of damage and protection on a discarded lantern mantle, taken from same location as #95.
IMG_0097	9/14/15	11:02 a.m.	J. Engel	Advancing indicator consisting of degree of damage and protection, taken from same location as #95.
IMG_0098	9/14/15	11:02 a.m.	J. Engel	SOA taken from creek bed, with surrounding indicator flagging.
IMG_0099	9/14/15	11:02 a.m.	J. Engel	Backing grass stem fall indicators, taken from same location as #98.
IMG_0100	9/14/15	11:02 a.m.	J. Engel	Backing grass stem fall and die out indicators to the north of SOA, taken from same location as #98.
IMG_0101	9/14/15	11:02 a.m.	J. Engel	Backing grass stem fall and die out indicators to the north of SOA, taken from same location as #98.
IMG_0102	9/14/15	11:02 a.m.	J. Engel	Backing grass stem fall indicators, conduits, water pipe and wires on the ground, taken from same location as #98.
IMG_0103	9/14/15	11:03 a.m.	J. Engel	Detail view of white, red, black and green wire bundle, held by remnants of duct tape on ground and looped around PVC.
IMG_0104	9/14/15	11:03 a.m.	J. Engel	Overall view northeasterly from west bank near SOA toward power pole. Survey crew tripod pictured.

IMG_0105	9/14/15	11:03 a.m.	J. Engel	Northern view from the northeast corner of house with indicator flagging, survey tripods and creek bed.
IMG_0106	9/14/15	11:03 a.m.	J. Engel	Lateral burn indicator flagging with stem fall, taken from #104, looking easterly.
IMG_0107	9/14/15	11:04 a.m.	J. Engel	Compost bin and saw horses located within garden area on north end, adjacent to north fence. Indicator flagging in background.
IMG_0108	9/14/15	11:04 a.m.	J. Engel	Hand tools and coiled extension cord located in the north end of the garden area. Double gate and indicator flagging in background. Looking northwesterly.
IMG_0109	9/14/15	11:04 a.m.	J. Engel	Looking westerly to rear of house and toward SOA from garden area.
IMG_0110	9/14/15	11:04 a.m.	J. Engel	Looking southwesterly toward foot bridge, tool shed and southwest corner of house from garden area.
IMG_0111	9/14/15	11:04 a.m.	J. Engel	Western compartment content of compost bin.
IMG_0112	9/14/15	11:04 a.m.	J. Engel	Middle compartment content of compost bin.
IMG_0113	9/14/15	11:04 a.m.	J. Engel	East compartment content of compost bin.
IMG_0114	9/14/15	11:04 a.m.	J. Engel	Looking westerly to rear of house and toward SOA from garden area.
IMG_0115	9/14/15	11:04 a.m.	J. Engel	Electrical GFI plug and water system, located on west side of garden area, adjacent to pedestrian gate.
IMG_0116	9/14/15	11:05 a.m.	J. Engel	East (rear) side of house, looking southerly from the northeast corner. Door was moved by investigators back to its pre-fire location.
IMG_0117	9/14/15	11:05 a.m.	J. Engel	Photo in landscape of the contents of utility room. Sub-panel (breakers) located on right.
IMG_0118	9/14/15	11:06 a.m.	J. Engel	Sub-panel in utility room.
IMG_0119	9/14/15	11:06 a.m.	J. Engel	Sub-panel in utility room.
IMG_0120	9/14/15	11:06 a.m.	J. Engel	Sub-panel detail showing lowest most breaker (right) tripped and not in the "on" position.
IMG_0121	9/14/15	11:06 a.m.	J. Engel	Detail of lowest most tied breakers tripped and not in the "on" position.
IMG_0122	9/14/15	11:06 a.m.	J. Engel	Close-up of lowest most tied breakers tripped and not in the "on" position.
IMG_0123	9/14/15	11:58 a.m.	J. Engel	SOA with previously photographed wires. A splice is evident to the left of the metal pipe vertically in ground.
IMG_0124	9/14/15	11:58 a.m.	J. Engel	Close-up of wire splice located within the SOA. This splice shows the green, black, white and red wires were connected with wire nuts.

IMG_0125	9/14/15	11:59 a.m.	J. Engel	Wire splice close-up with wire ties to differentiate the splice from the burnt vegetation.
IMG_0126	9/14/15	11:59 a.m.	J. Engel	Wire splice close-up with wire ties to differentiate the splice from the burnt vegetation.
IMG_0127	9/14/15	11:59 a.m.	J. Engel	Wire splice close-up with wire ties and evidence identifier ten 1.
IMG_0128	9/14/15	11:59 a.m.	J. Engel	Wire splice close-up with wire ties and evidence identifier ten 1.
IMG_0129	9/14/15	12:03 p.m.	J. Engel	Wire splice close-up with wire ties and evidence identifier ten 1.
IMG_0130	9/14/15	12:03 p.m.	J. Engel	Wire splice close-up with wire ties and evidence identifier ten 1.
IMG_0131	9/14/15	12:03 p.m.	J. Engel	Wire splice close-up with wire ties. Detail photo focusing on wire nuts.
IMG_0132	9/14/15	12:03 p.m.	J. Engel	Wire splice close-up with wire ties. Detail photo focusing on wire nuts.
IMG_0133	9/14/15	12:06 p.m.	J. Engel	SOA looking from east to west showing location of wire splice relative to wires, PVC and metal piping within the area.
IMG_0134	9/14/15	12:06 p.m.	J. Engel	SOA looking from east to west showing location of wire splice relative to wires (Romex, coaxial cable, and red, white, green, and black wire bundle), PVC and metal piping within the area.
IMG_0135	9/14/15	12:07 p.m.	J. Engel	Detail photo from east to west showing location of wire splice relative to coaxial cable ends and metal pipe.
IMG_0136	9/14/15	12:11 p.m.	J. Engel	Detail photo of splice with scaled blue paper beneath for contrast.
IMG_0137	9/14/15	12:12 p.m.	J. Engel	Detail photo of splice with scaled blue paper beneath for contrast. Shows wires in greater detail and their separation.
IMG_0138	9/14/15	12:12 p.m.	J. Engel	Detail photo of splice with scaled blue paper beneath for contrast. Shows wires in greater detail and their separation.
IMG_0139	9/14/15	12:12 p.m.	J. Engel	Close-up photo of splice with scaled blue paper beneath for contrast. Shows wires in detail and their condition.
IMG_0140	9/14/15	12:12 p.m.	J. Engel	Close-up photo of splice with scaled blue paper beneath for contrast. Shows wires in detail and their condition.
IMG_0141	9/14/15	12:12 p.m.	J. Engel	Close-up photo of splice with scaled blue paper beneath for contrast. Shows wires in detail and their condition.
IMG_0142	9/14/15	12:12 p.m.	J. Engel	Close-up photo of splice with scaled blue paper beneath for contrast. Shows wires in detail and their condition.

IMG_0143	9/14/15	12:12 p.m.	J. Engel	Close-up photo of splice, wire ends and wire nuts, with scaled blue paper beneath for contrast. Shows wires ends and nuts in detail.
IMG_0144	9/14/15	12:17 p.m.	J. Engel	Temperature reading of hot tub.
IMG_0145	9/14/15	12:25 p.m.	J. Engel	Hot tub electrical and Balboa circuit board (modelH276) panel with front cover of box removed.
IMG_0146	9/14/15	12:25 p.m.	J. Engel	Close-up of hot tub electrical and Balboa circuit board (modelH276) panel with front cover of box removed.
IMG_0147	9/14/15	12:25 p.m.	J. Engel	Overall view of hot tub electrical and plumbing parts with front cover of box removed. External wiring pictured in lower right.
IMG_0148	9/14/15	12:30 p.m.	J. Engel	Overall view of hot tub electrical and plumbing parts with front cover of box removed. External wiring pictured in lower portion of photo, including wiring splice between extension cord and hot tub wires identified in lower right of picture near neon wire tie.
IMG_0149	9/14/15	12:31 p.m.	J. Engel	Hot tub timer showing the timer was in the on position at the time of power loss.
IMG_0150	9/14/15	12:31 p.m.	J. Engel	Hot tub timer close-up showing the timer was in the on position at the time of power loss.
IMG_0151	9/14/15	12:39 p.m.	J. Engel	Close-up of hot tub electrical and Balboa circuit board (modelH276) panel, showing testing for connectivity.
IMG_0152	9/14/15	12:41 p.m.	J. Engel	Close-up of hot tub electrical and Balboa circuit board (modelH276) panel, showing testing for connectivity.
IMG_0153	9/14/15	12:42 p.m.	J. Engel	Close-up of hot tub electrical and Balboa circuit board (modelH276) panel, showing testing for connectivity.
IMG_0154	9/14/15	12:48 p.m.	J. Engel	Sub-panel showing lowest most tied breakers (right) tripped and not in the "on" position. Shown detached with evidence marker #2.
IMG_0155	9/14/15	12:49 p.m.	J. Engel	Sub-panel showing lowest most tied breakers tripped and not in the "on" position. Shown detached with evidence marker #2.
IMG_0156	9/14/15	12:49 p.m.	J. Engel	Detail of tied breakers tripped and not in the "on" position. Shown detached from panel with evidence marker #2.
IMG_0157	9/14/15	12:56 p.m.	J. Engel	Detail photo of splice with scaled blue paper beneath for contrast. Yellow wire tie pointed to location where wires were welded.
IMG_0158	9/14/15	12:56 p.m.	J. Engel	Detail photo of splice with scaled blue paper beneath for contrast. Yellow wire tie pointed to location where wires were welded.

IMG_0159	9/14/15	12:56 p.m.	J. Engel	Close-up of splice showing condition of wires.
IMG_0160	9/14/15	12:56 p.m.	J. Engel	Close-up of splice showing condition of wires, wire ends and wire nuts.
IMG_0161	9/14/15	12:58 p.m.	J. Engel	Wires at splice being tested for connectivity and resistance.
IMG_0162	9/14/15	12:58 p.m.	J. Engel	Detail of wire at splice being tested.
IMG_0163	9/14/15	12:58 p.m.	J. Engel	Detail of wire at splice being tested.
IMG_0164	9/14/15	12:59 p.m.	J. Engel	Close-up of wire at splice being tested.
IMG_0165	9/14/15	12:59 p.m.	J. Engel	Close-up of wire at splice being tested.
IMG_0166	9/14/15	1:24 p.m.	J. Engel	Hot tub following the removed of the timer.
IMG_0167	9/14/15	1:24 p.m.	J. Engel	Labeling of wires, prior to disconnection of wires from the hot tub electrical panel. Removed timer face down in bottom center.
IMG_0168	9/14/15	1:24 p.m.	J. Engel	Labeled wires prior to disconnecting from the hot tub electrical panel.
IMG_0169	9/14/15	1:26 p.m.	J. Engel	Labeled wires disconnected from the hot tub electrical panel and wire tied.
IMG_0170	9/14/15	1:26 p.m.	J. Engel	Labeled wires disconnected from the hot tub electrical panel and wire tied.
IMG_0171	9/14/15	1:28 p.m.	J. Engel	Manufacturer's stickers located on top of hot tubs electrical box, identifying manufacturer and model number.
IMG_0172	9/14/15	1:28 p.m.	J. Engel	Manufacturer's warnings and notices sticker located on exterior of hot tub's electrical box cover.
IMG_0173	9/14/15	1:28 p.m.	J. Engel	Manufacturer's notice stating, "All connections must be made by a qualified electrician in accordance with...electrical codes...".
IMG_0174	9/14/15	1:32 p.m.	J. Engel	Sub-panel showing lowest most tied breakers with wires removed.
IMG_0175	9/14/15	2:23 p.m.	J. Engel	Front passenger seat window of silver Toyota. Papers located on front seat of vehicle.
IMG_0176	9/14/15	2:23 p.m.	J. Engel	Papers in front passenger seat of silver Toyota. Photo taken through window from same location as #175. Receipts from Kelseyville Lumber for electrical supplies.
IMG_0177	9/14/15	2:24 p.m.	J. Engel	Close-up of receipts from Kelseyville Lumber for electrical supplies.
IMG_0178	9/14/15	4:01 p.m.	J. Engel	Splice within SOA at evidence marker #1. Evidence tent Y identifies the leg of the splice which traveled to the hot tub (load) and tent Z identifies the leg of the splice which enters the conduit and terminates at the sub-panel (supply). Photo prior to stabilizing and packaging.

IMG_0179	9/14/15	4:03 p.m.	J. Engel	Splice placed between two boards and wire tied to protect integrity of the wires and connections.
IMG_0180	9/14/15	4:03 p.m.	J. Engel	Close-up of splice placed between two boards and wire tied to protect integrity of the wires and connections.
IMG_0181	9/14/15	4:03 p.m.	J. Engel	Splice between the two boards. The load side of splice is rolled and wire tied in lower left corner of photo.
IMG_0182	9/14/15	4:03 p.m.	J. Engel	Close-up of splice placed between two boards and wire tied to protect integrity of the wires and connections.
IMG_0183	9/14/15	4:04 p.m.	J. Engel	Overall view of boarded splice, load side rolled and ties (upper right corner) and supply side traveling from splice into conduit.
IMG_0184	9/14/15	4:04 p.m.	J. Engel	Overall view of boarded splice, load side rolled and ties (upper right corner) and supply side traveling from splice into conduit.
IMG_0185	9/14/15	4:05 p.m.	J. Engel	Unburied conduit and water pipe leading from northeast corner of house and traveling to SOA.
IMG_0186	9/14/15	4:06 p.m.	J. Engel	Unburied conduit and water pipe leading from northeast corner of house and traveling to SOA.
IMG_0187	9/14/15	4:06 p.m.	J. Engel	Unburied conduit terminus, which contained the wires on the supply side of splice, originating at the northeast corner of house.
IMG_0188	9/14/15	4:07 p.m.	J. Engel	Unburied conduit and water pipe leading from northeast corner of house and traveling to SOA.
IMG_0189	9/14/15	4:30 p.m.	J. Engel	First grid in SOA.
IMG_0190	9/14/15	4:32 p.m.	J. Engel	Block of wood, located within first grid area, showing burn pattern invalidators consistent with protection, degree of damage and depth of char.
IMG_0191	9/14/15	4:32 p.m.	J. Engel	Burnt vegetation with the first grid, indicating low intensity burning with unburned vegetation present under the ash.
IMG_0192	9/14/15	4:32 p.m.	J. Engel	Burnt coaxial cable within first grid with staining and sooting on rock and base of metal pipe.
IMG_0193	9/14/15	4:32 p.m.	J. Engel	Close up of rock and burnt coaxial cable pictured in #192 above.
IMG_0194	9/14/15	4:33 p.m.	J. Engel	Protection and degree of damage on oak leaves located within first grid.
IMG_0195	9/14/15	4:33 p.m.	J. Engel	Close-up of oak leaves pictured in #194 above.
IMG_0196	9/14/15	4:36 p.m.	J. Engel	Second grid within SOA, with stem fall backing indicators visible.

IMG_0197	9/14/15	4:36 p.m.	J. Engel	Unburned vegetation, under ash indicating low intensity burning within second grid.
IMG_0198	9/14/15	5:14 p.m.	J. Engel	Looking easterly toward neighboring driveway, from a location across fence northeast of house.
IMG_0199	9/14/15	5:14 p.m.	J. Engel	Looking southerly along fence line toward garden area, from a location across fence northeast of house.
IMG_0200	9/14/15	5:14 p.m.	J. Engel	Looking southwesterly at the house, power pole and garden area, from a location across fence northeast of house. Advancing burn indicator flagging in foreground.
IMG_0201	9/14/15	5:14 p.m.	J. Engel	Looking southwesterly toward SOA, house, and garden area, from a location across fence northeast of house.
IMG_0202	9/14/15	5:14 p.m.	J. Engel	Looking southerly down fence line and toward garden area, from a location across fence northeast of house. Showing survey equipment and indicator flagging.
IMG_0203	9/14/15	5:14 p.m.	J. Engel	Looking southeasterly at indicator flagging, from a location across fence east of house.
IMG_0204	9/14/15	5:14 p.m.	J. Engel	Looking southeasterly at lateral indicator flagging, from same location as #203.
IMG_0205	9/14/15	5:14 p.m.	J. Engel	Looking southeasterly at lateral indicator flagging, from same location as #203. Angle of char, protection and cupping is visible.
IMG_0206	9/14/15	5:15 p.m.	J. Engel	Looking northerly at angle of char, indicating advancing fire progression.
IMG_0207	9/14/15	5:15 p.m.	J. Engel	Looking northerly at angle of char, indicating advancing fire progression.
IMG_0208	9/14/15	5:15 p.m.	J. Engel	Looking easterly at angle of char, indicating advancing fire progression.
IMG_0209	9/14/15	5:15 p.m.	J. Engel	Close-up of #208
IMG_0210	9/14/15	5:15 p.m.	J. Engel	Looking northeasterly at indicator flagging from location just east of fence line and garden.
IMG_0211	9/14/15	5:15 p.m.	J. Engel	Looking northeasterly at survey equipment, east of fence line. from same location as #210.
IMG_0212	9/14/15	5:15 p.m.	J. Engel	Looking easterly from same location as #210.
IMG_0213	9/14/15	5:15 p.m.	J. Engel	Looking northerly at indicator flagging from same location as #210.
IMG_0214	9/14/15	5:15 p.m.	J. Engel	Looking northerly at lateral transition line with indicator flagging from same location as #210.
IMG_0215	9/14/15	5:15 p.m.	J. Engel	Looking westerly at through garden area, toward house and burnt tool shed.
IMG_0216	9/14/15	5:15 p.m.	J. Engel	Advancing indicator flagging, unknown location.

