

IMG_0001 - Cover sheet indicating beginning of photographs.



IMG_0002 - Front of house located at 8015 High Valley Road, Cobb, CA.



IMG_0003 - Looking southwest from center of driveway, at 8015 High Valley Road, Cobb, CA.



IMG_0004 - Looking westerly, from right of driveway, toward High Valley Road, and entrance to 8015 High Valley Road, Cobb, CA.



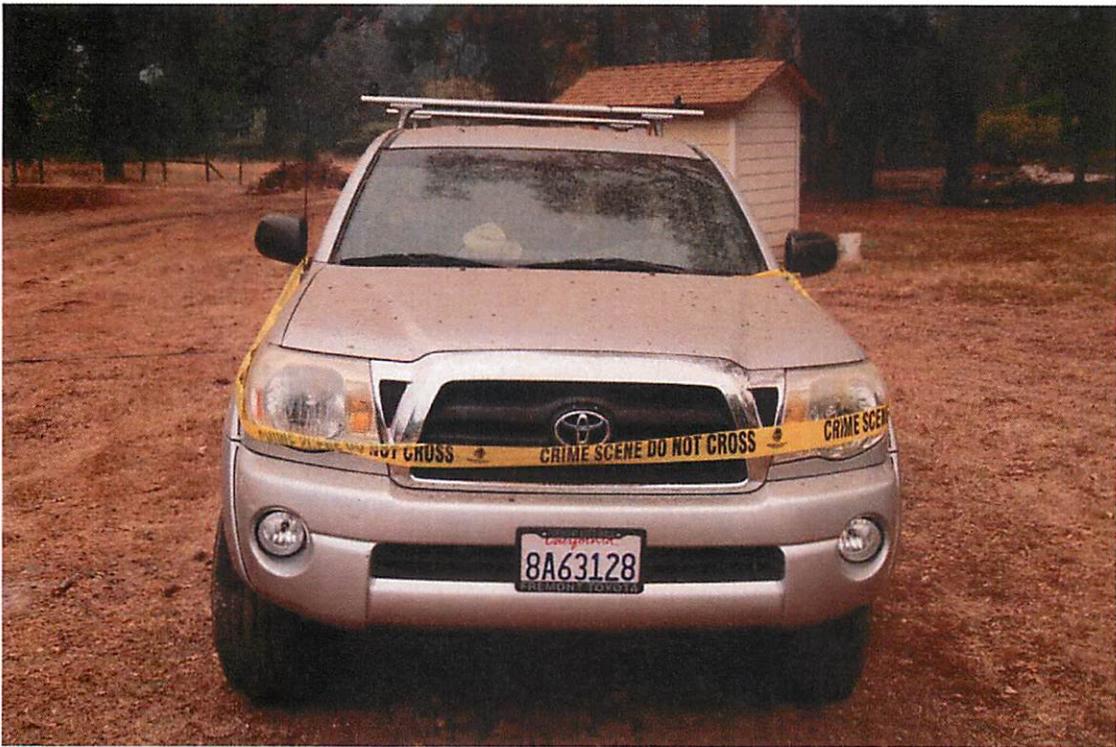
IMG_0005 - Looking northwesterly, from north side of driveway, toward High Valley Road.



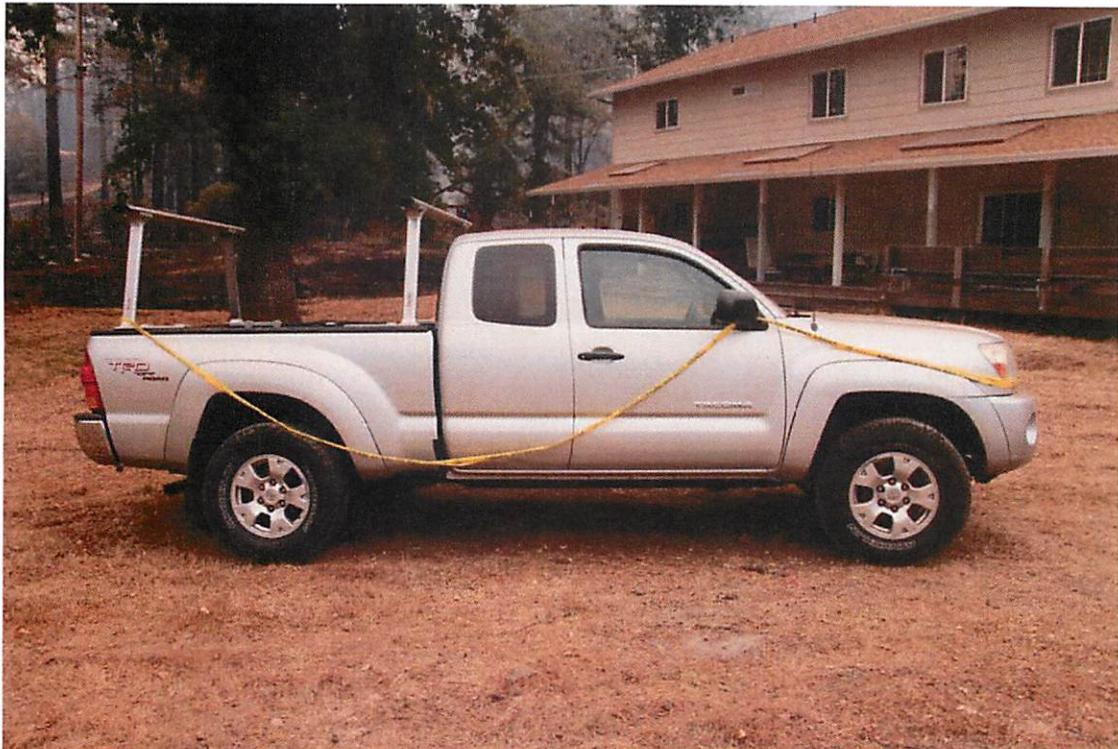
IMG_0006 - Looking southeasterly from driveway toward burnt tool shed and destroyed wood shed.



IMG_0007 - Looking northerly from driveway toward well house and damaged pickup truck, reportedly moved from the vicinity of the tool shed.



IMG_0008 - Close-up of the front grill and license plate of the Toyota truck pictured in 0007 above.



IMG_0009 - Passenger side of Toyota truck pictured in 0007 above.



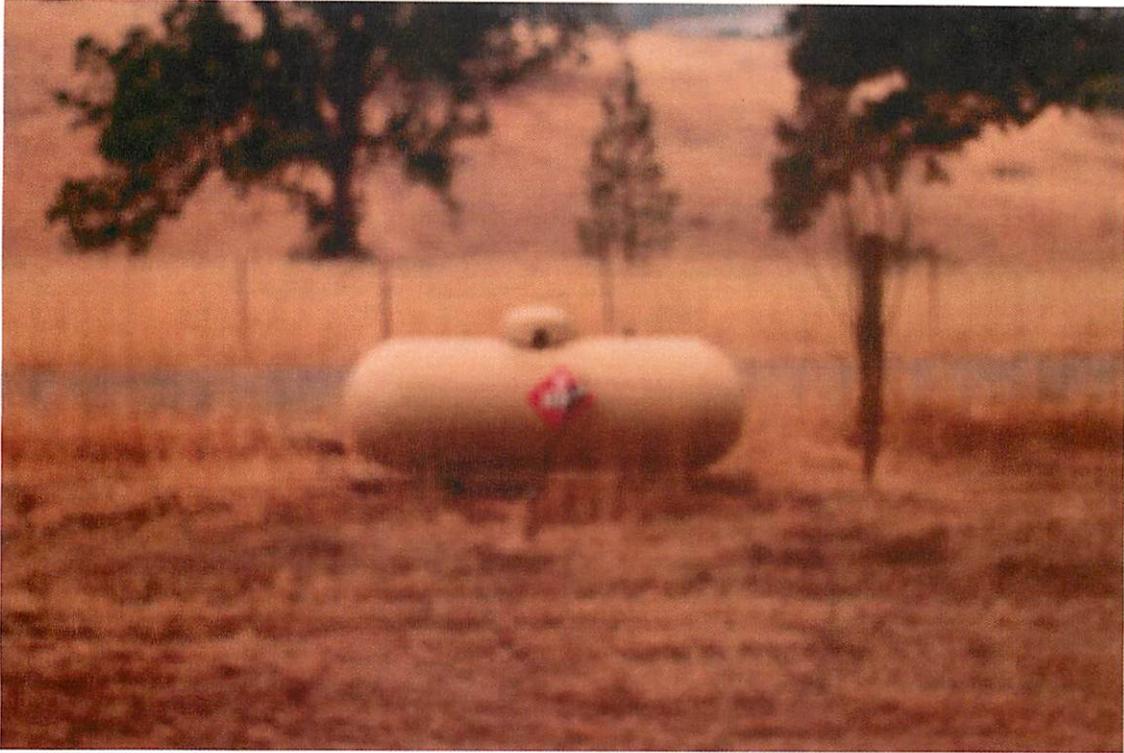
IMG_0010 - Rear view with license plate of Toyota truck pictured in 0007 above.



IMG_0011 - Driver side view of Toyota truck pictured in 0007, showing damage sustained when parked adjacent to tool shed pictured in 0006.



IMG_0012 - North side of house showing covered deck, electrical weather head (upper left roof) and hot tub (lower left porch).



IMG_0013 - Looking westerly toward propane tank, located east of fence line along High Valley Road.



IMG_0014 - Looking easterly toward front of well house.



IMG_0015 - North side of well house.



IMG_0016 - West side of well house.



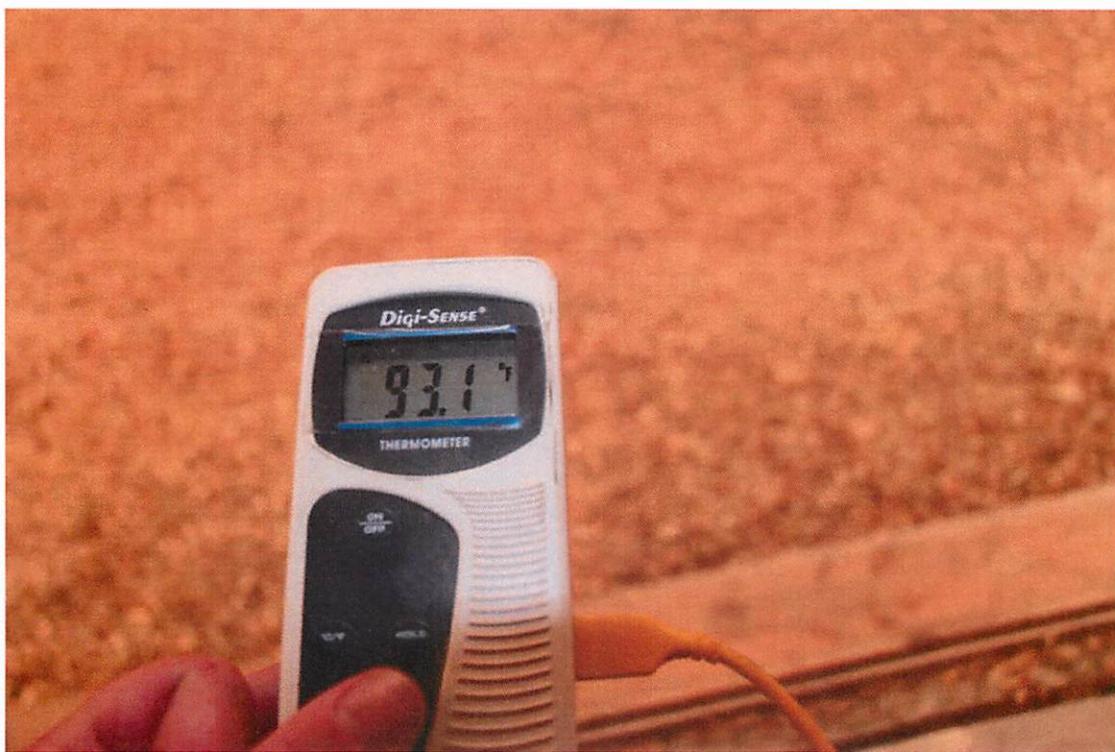
IMG_0017 - South side of well house.



IMG_0018 - Looking easterly toward power pole, transformer and service drop from vicinity of Toyota truck.



IMG_0019 - North side of house with hot tub, below center.



IMG_020 - Temperature of hot tub water per Digi-Sense thermometer.



IMG_021 - Timer control on hot tub, located on north side of house under covered porch, looking toward rear of house.



IMG_022 - Close-up of timer control on hot tub. The picture shows the timer was on when power was lost.



IMG_023 - Looking northerly along dry creek from northeast corner of house.



IMG_024 - Looking northeasterly across dry creek, toward power pole from northeast corner of house.



IMG_025 - Looking northerly along dry creek from northeast corner of house.



IMG_026 - Looking easterly across dry creek, toward power pole, large oak, and double garden gate from northeast corner of house.



IMG_027 - Looking southeasterly across dry creek, toward garden area, and foot bridge from northeast corner of house.



IMG_028 - Looking southerly along dry creek and east side of house, toward garden area, and foot bridge from northeast corner of house.



IMG_029 - Looking northeasterly across dry creek, toward power pole from northeast corner of house. Photo of entire pole, transformer and drop.



IMG_030 - Same location as #29 above, but zoomed on transformer, drop and other equipment.



IMG_031 - Similar photo as 30.



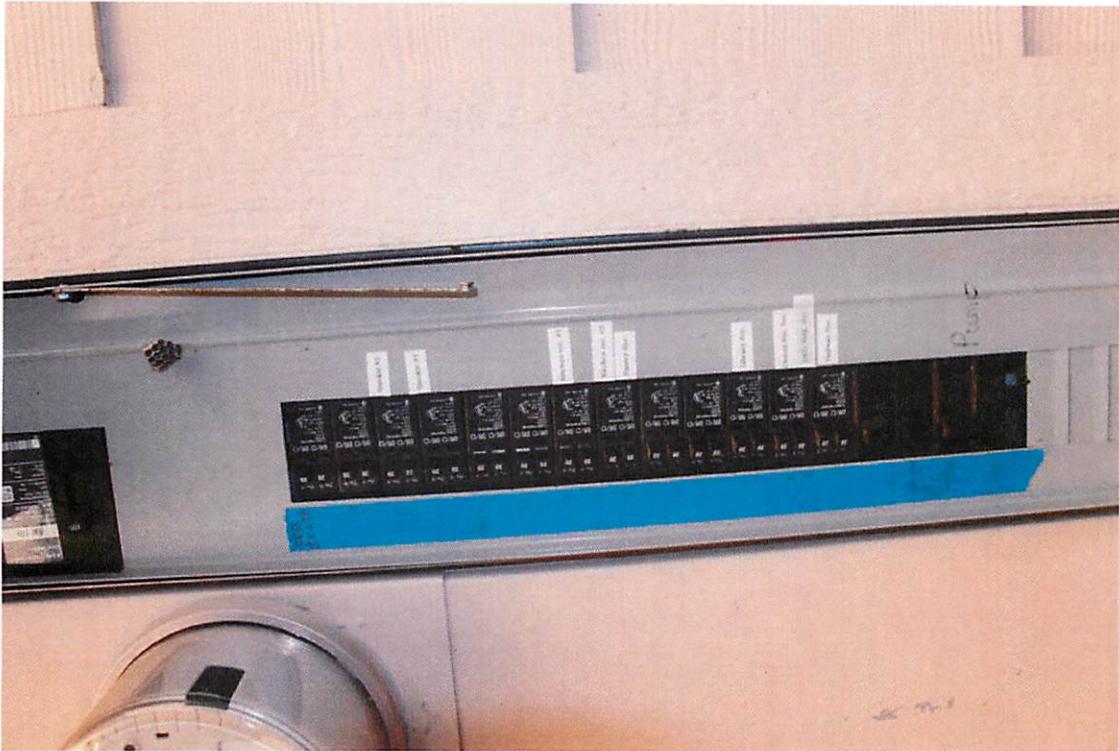
IMG_032 - Same location and direction of view as #24 & #29, zoomed in on base of power pole.



IMG_033 - From northeast corner of house, looking southwesterly at east side of house, power meter, utility room door, and back door.



IMG_034 - Power meter and primary breaker box at rear of house near the north east corner.



IMG_035 - Primary breaker box at rear of house near the north east corner.



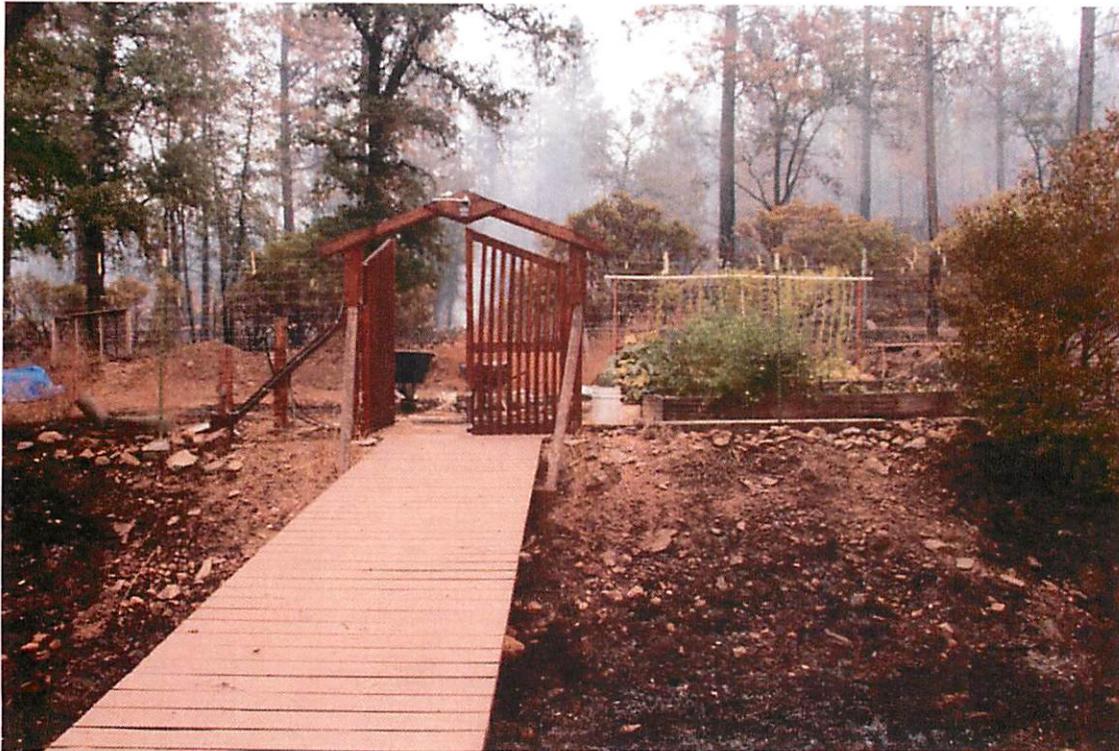
IMG_036 - East side (rear) of house, looking northwesterly from the southeastern corner of the house.



IMG_037 - South side of house, looking westerly toward tool shed from the southeastern corner of the house.



IMG_038 - Looking northeasterly across dry creek, toward garden area from southeast corner of house, near foot bridge.



IMG_039 - Looking easterly across dry creek and foot bridge, toward garden area from southeast corner of house.



IMG_040 - Looking southerly at dry creek and corner of garden area from southeast corner of house.



IMG_041 - Looking southwesterly from southeast corner of house.



IMG_042 - Looking westerly toward destroyed wood shed and damaged tool shed, from adjacent to the southeast corner of house.



IMG_043 - Looking northwesterly toward rear of house from garden area. Board and door were moved from against house by suppression personnel.



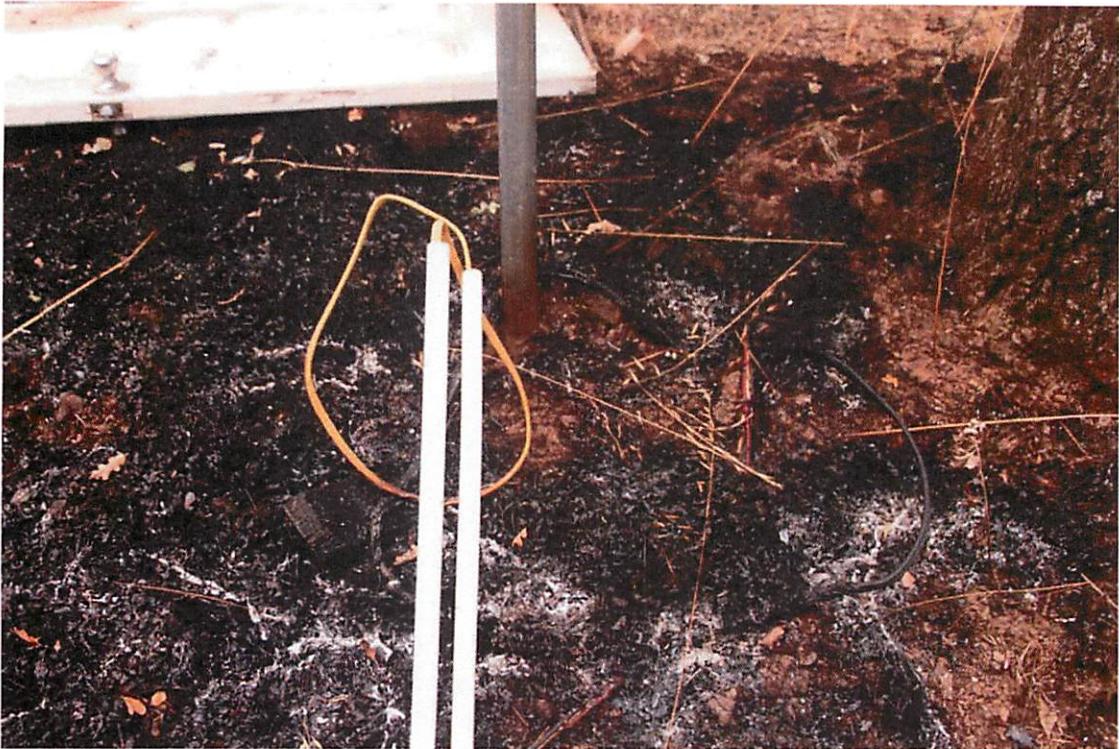
IMG_044 - Looking northerly at creek bed and east bank of creek adjacent to the garden area from the foot bridge.



IMG_045 - Looking northwesterly from #43 location. Zoomed photo of melted PVC (water and electrical conduit) with visible wires.



IMG_046 - Same perspective as #45. Detailed photo of melted electrical conduit with visible red, black and white wires.



IMG_047 - Same perspective as #45. Detailed photo of white PVC and Romex type wires. Additional wires shown along the ground.



IMG_048 - Same perspective as #45. Detailed photo of wires running along ground and white PVC and Romex type wires.



IMG_049 - Looking northeasterly across dry creek, toward northeast corder of garden area, similar to #38.



IMG_050 - Looking easterly at east bank of dry creek, toward garden area, from similar location as #38.



IMG_051 - Looking southerly at destroyed wood shed with burnt lawn mower and attached trailer.



IMG_052 - Same as #51.



IMG_053 - Looking northwesterly at destroyed wood shed and burnt tool shed taken from near southwestern corner of house.



IMG_054 - Looking southwesterly at the house, power pole and garden area, from a location across fence northeast of house.



IMG_055 - Looking westerly along fence line from same location as #54.



IMG_056 - Looking northwesterly toward High Valley Road, from driveway of adjacent property to the east of 8015.



IMG_057 - Looking westerly toward house and associated power pole with transformer, from driveway of adjacent property to the east of 8015.



IMG_058 - Looking southwesterly toward southeastern corner of garden area, from driveway of adjacent property to the east of 8015.



IMG_059 - Looking northwesterly, point southwest of driveway on adjacent property to the east of 8015.



IMG_060 - Looking westerly, at south side of house and burnt tool shed from a point on adjacent property, uphill and south of 8015.



IMG_061 - Looking westerly, at south side and rear of house and burnt tool shed from a point south and uphill on adjacent property.



IMG_062 - Looking northerly toward High Valley Road and driveway east of 8015, showing angles of char on large trees.



IMG_063 - Looking northwesterly from east of garden area along fence list, showing angle of char on large trees.



IMG_064 - Looking northwesterly from east of garden area along fence showing rear of house and garden area including compost bin.



IMG_065 - Looking westerly from east of garden area along fence showing rear of house, garden area and burn tool shed.



IMG_066 - Looking southwesterly from east of garden area toward southeast corner of garden area, along fence.



IMG_067 - East side (rear) of house, looking northerly at indicator flagging and SOA from the southeastern corner of the house.



IMG_068 - Indicator flagging, looking easterly, across the dry creek, toward garden area, from the southeastern corner of the house.



IMG_069 - Indicator flagging, looking southeasterly, across creek, toward garden area, from the southeastern corner of house.



IMG_070 - Indicator flagging, along creek's east bank, south of walking bridge, looking southerly.

IMG_072 - Backing indicator flagging, down south side of house to burnt tool shed, looking northwesterly.



IMG_071 - Indicator flagging, on creek's west bank, south of walking bridge, looking northwesterly.





IMG_073 - Backing indicator flagging, down south side of house to burnt tool shed, looking northwesterly.



IMG_074 - Indicator flagging around SOA and on east and west bank of creek, taken from garden area toward SOA.

IMG_076 - Zoomed lateral flagging indicators and backing indicator on east bank of creek, near foot bridge, taken from #75's location.



IMG_075 - Indicator flagging around SOA and on east bank of creek, taken from garden area toward SOA, looking northwesterly.





IMG_077 - Zoomed stem fall backing indicator on east bank of creek, near foot bridge, taken from #75's location.



IMG_078 - Zoomed lateral and backing indicators including protection, stem fall and die out, on banks of creek, taken from #75's location.



IMG_079 - Zoomed lateral indicator from #78 showing protection.



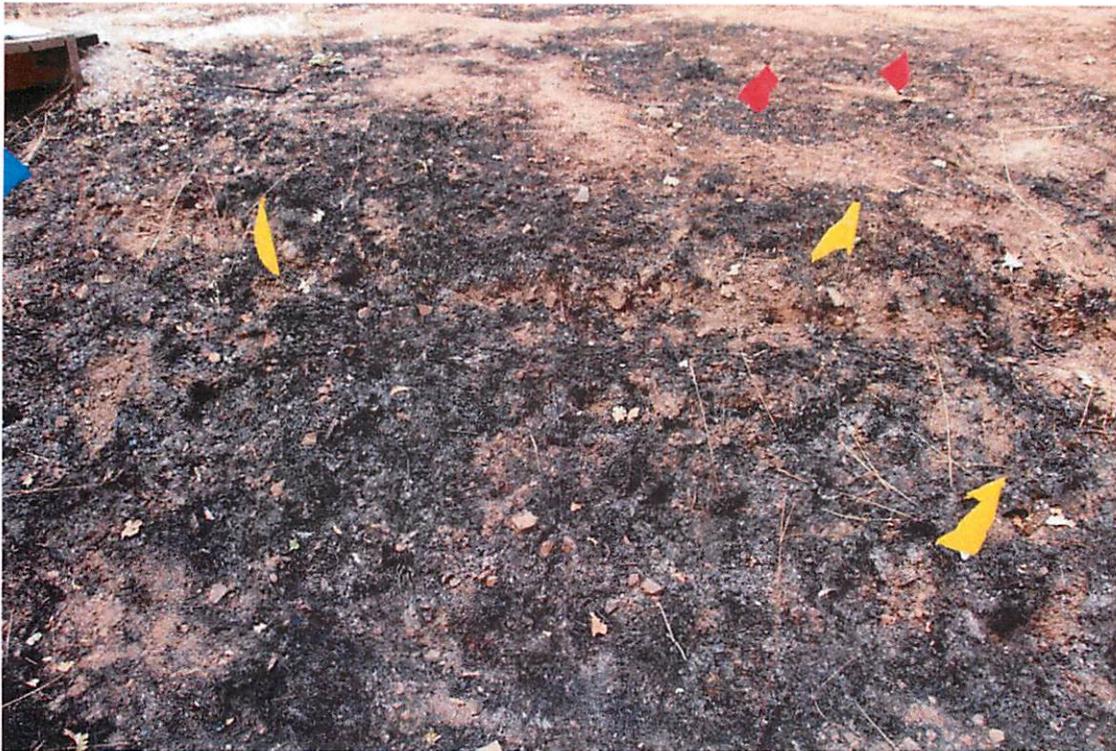
IMG_080 - Advancing indicators and flagging on east bank of creek, taken from #75's location.



IMG_081 - Zoomed advancing indicator from #78 showing protection sooting and staining.



IMG_082 - Zoomed advancing indicator from #78 showing protection sooting and staining.



IMG_083 - Indicator flagging on west bank of creek, looking west, taken from garden area toward SOA, looking westerly.



IMG_084 - Indicator flagging around SOA and on west bank of creek, taken from footbridge toward SOA, looking northwesterly.



IMG_085 - Zoomed lateral indicator flagging with stem fall from same location as #84.



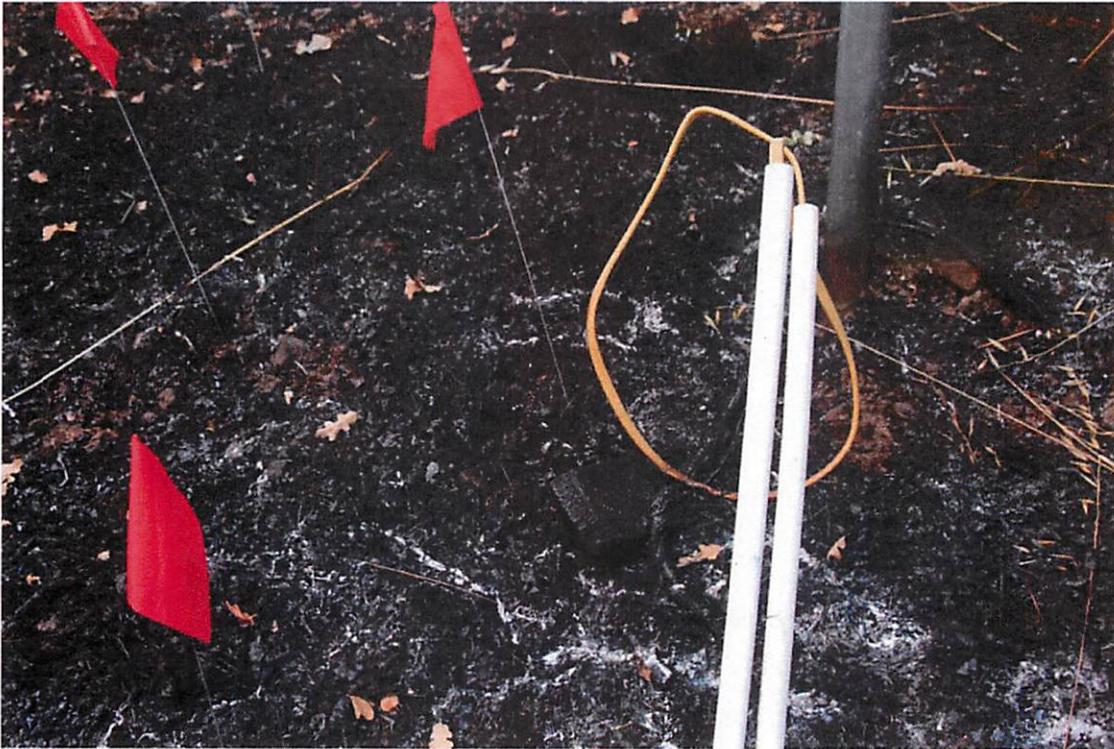
IMG_086 - Lateral indicator flagging and stem fall indicators on east bank of creek, taken from west bank, looking northeasterly.



IMG_087 - Indicator flagging on west bank of creek, with part of SOA on right, taken from creek bed, looking northwesterly.



IMG_088 - Indicator flagging on west bank of creek, SOA centered, taken from creek bed, looking westerly.



IMG_091 - Zoomed advancing indicator from #87, including degree of damage, depth of char, and protection. Also Romex and wires on ground.



IMG_092 - Close-up of indicator in #91.



IMG_093 - Advancing burn indicator from #94. Photograph of suspended Romex wire loop. Red, black, green and white wires on the ground.



IMG_094 - Close-up of indicator in #91.



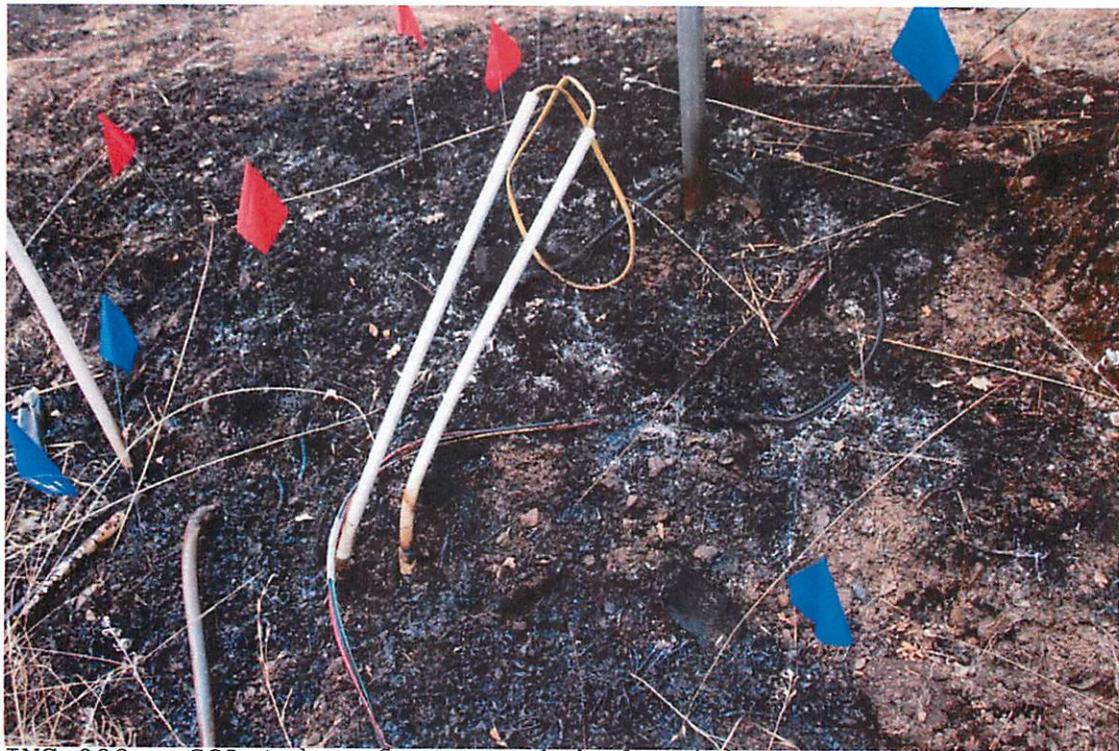
IMG_095 - Indicator flagging on west bank of creek, taken from west edge, looking easterly.



IMG_096 - Advancing indicator consisting of degree of damage and protection on a discarded lantern mantle, taken from same location as #95.



IMG_097 - Advancing indicator consisting of degree of damage and protection, taken from same location as #95.



IMG_098 - SOA taken from creek bed, with surrounding indicator flagging.



IMG_099 - Backing grass stem fall indicators, taken from same location as #98.



IMG_100 - Backing grass stem fall and die out indicators to the north of SOA, taken from same location as #98.



IMG_101 - Backing grass stem fall and die out indicators to the north of SOA, taken from same location as #98.



IMG_102 - Backing grass stem fall indicators, conduits, water pipe and wires on the ground, taken from same location as #98.



IMG_103 - Detail view of white, red, black and green wire bundle, held by remnants of duct tape on ground and looped around PVC.



IMG_104 - Overall view northeasterly from west bank near SOA toward power pole. Survey crew tripod pictured.



IMG_105 - Northern view from the northeast corner of house with indicator flagging, survey tripods and creek bed.



IMG_106 - Lateral burn indicator flagging with stem fall, taken from #104, looking easterly.



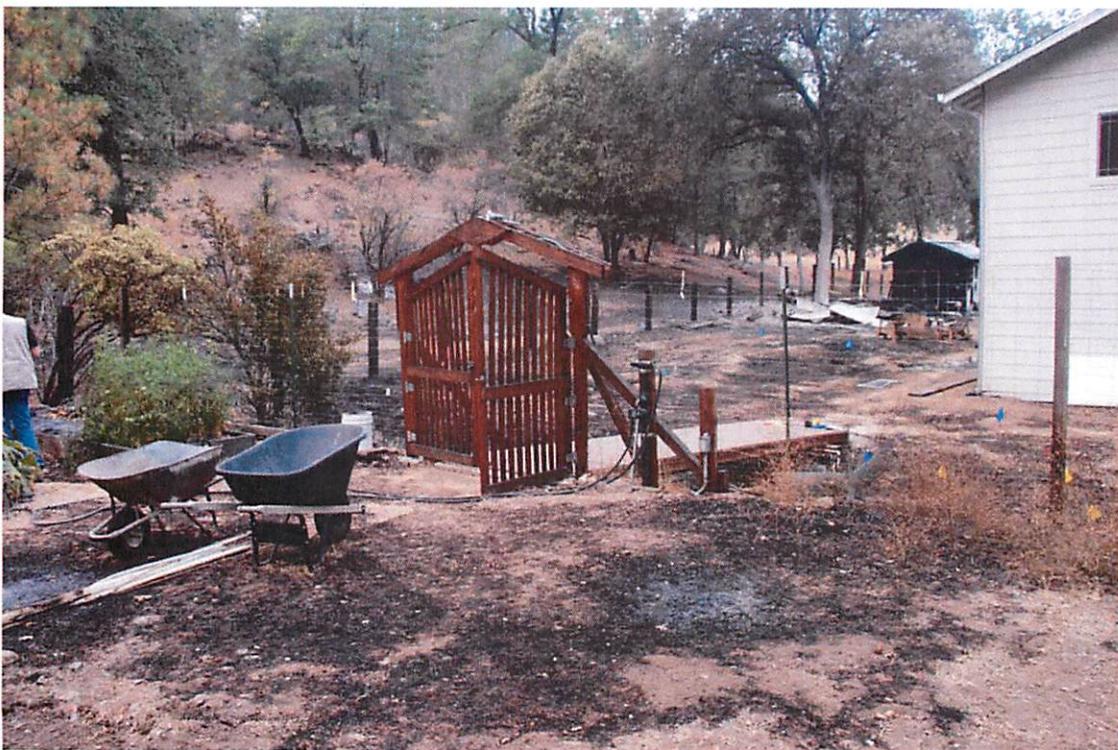
IMG_107 - Compost bin and saw horses located within garden area on north end, adjacent to north fence. Indicator flagging in background.



IMG_108 - Hand tools and coiled extension cord located in the north end of the garden area. Double gate and indicator flagging in background. Looking northwesterly.



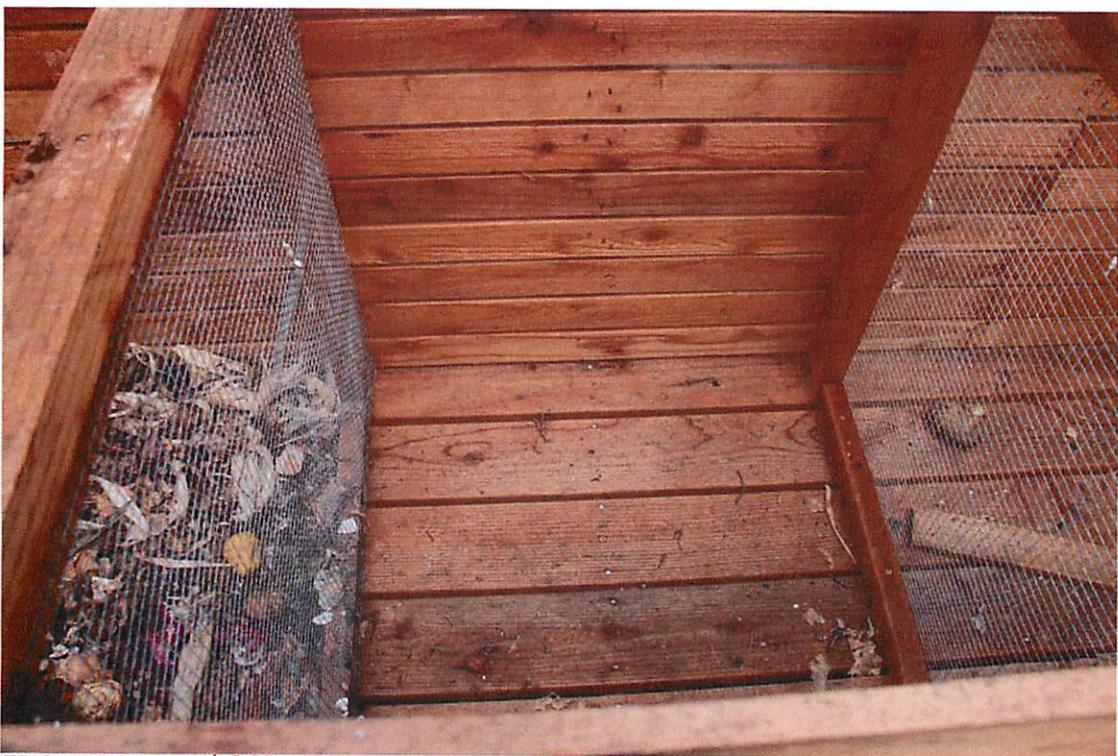
IMG_109 - Looking westerly to rear of house and toward SOA from garden area.



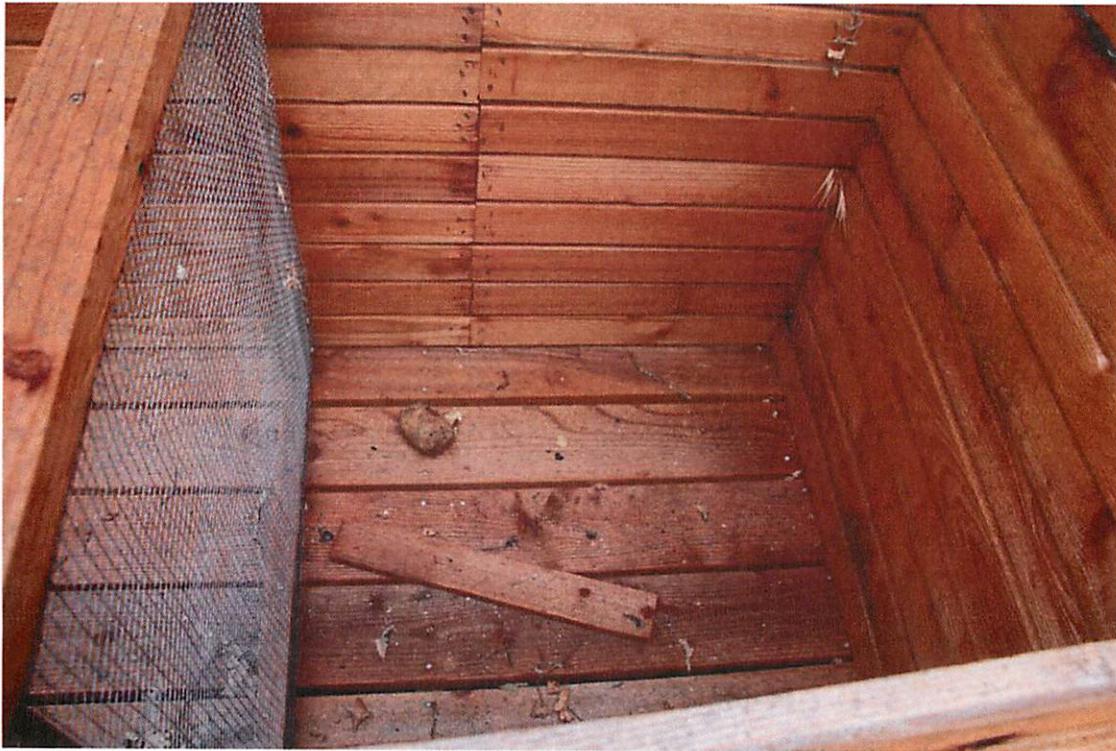
IMG_110 - Looking southwesterly toward foot bridge, tool shed and southwest corner of house from garden area.



IMG_111 - Western compartment content of compost bin.



IMG_112 - Middle compartment content of compost bin.



IMG_113 - East compartment content of compost bin.



IMG_114 - Looking westerly to rear of house and toward SOA from garden area.



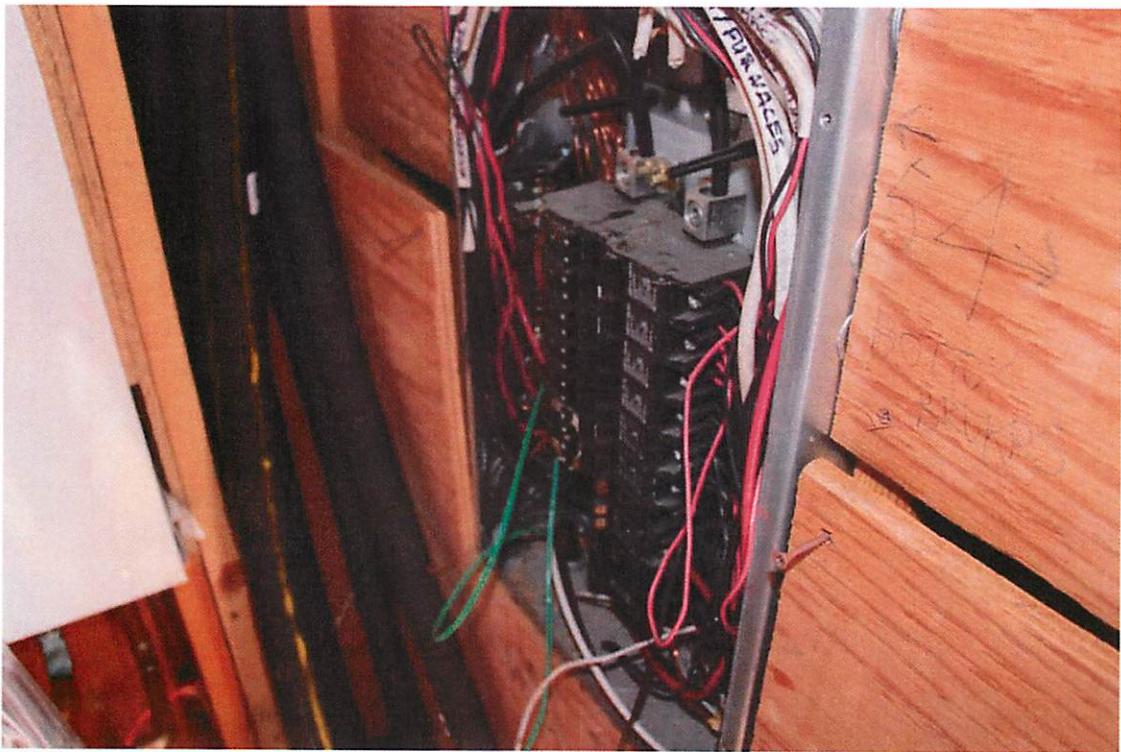
IMG_115 - Electrical GFI plug and water system, located on west side of garden area, adjacent to pedestrian gate.



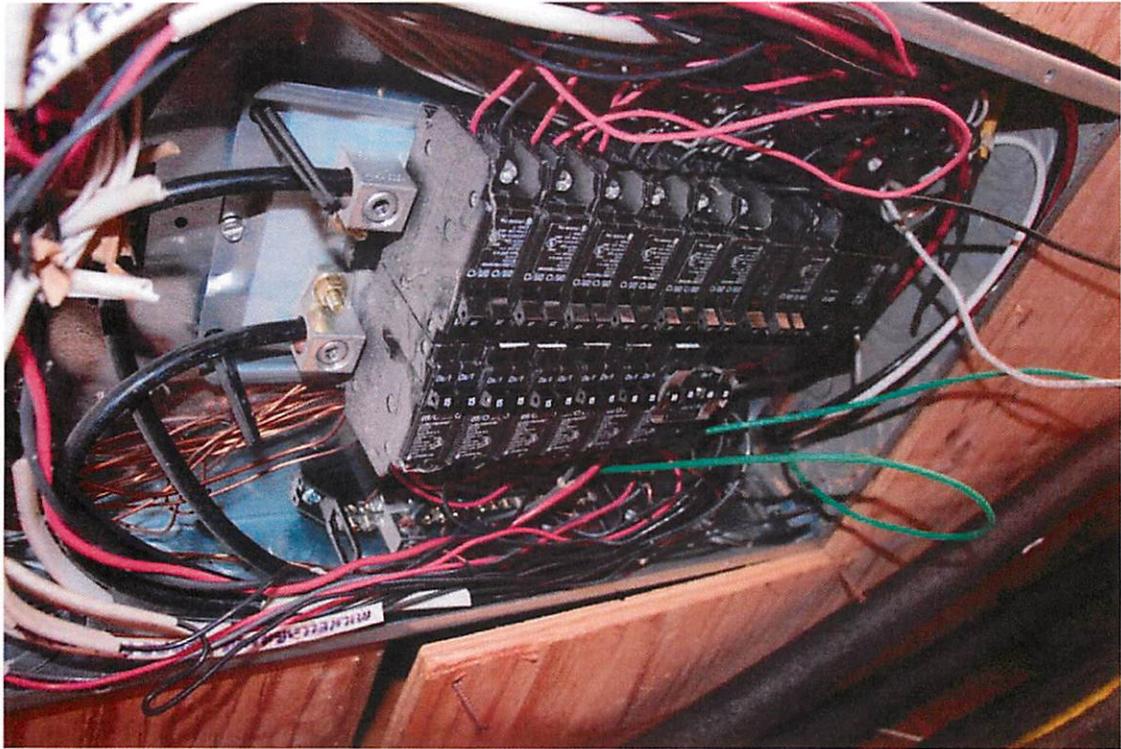
IMG_116 - East (rear) side of house, looking southerly from the northeast corner. Leaning door was moved by investigators back to its pre-fire location. Utility door on right near electrical panel.



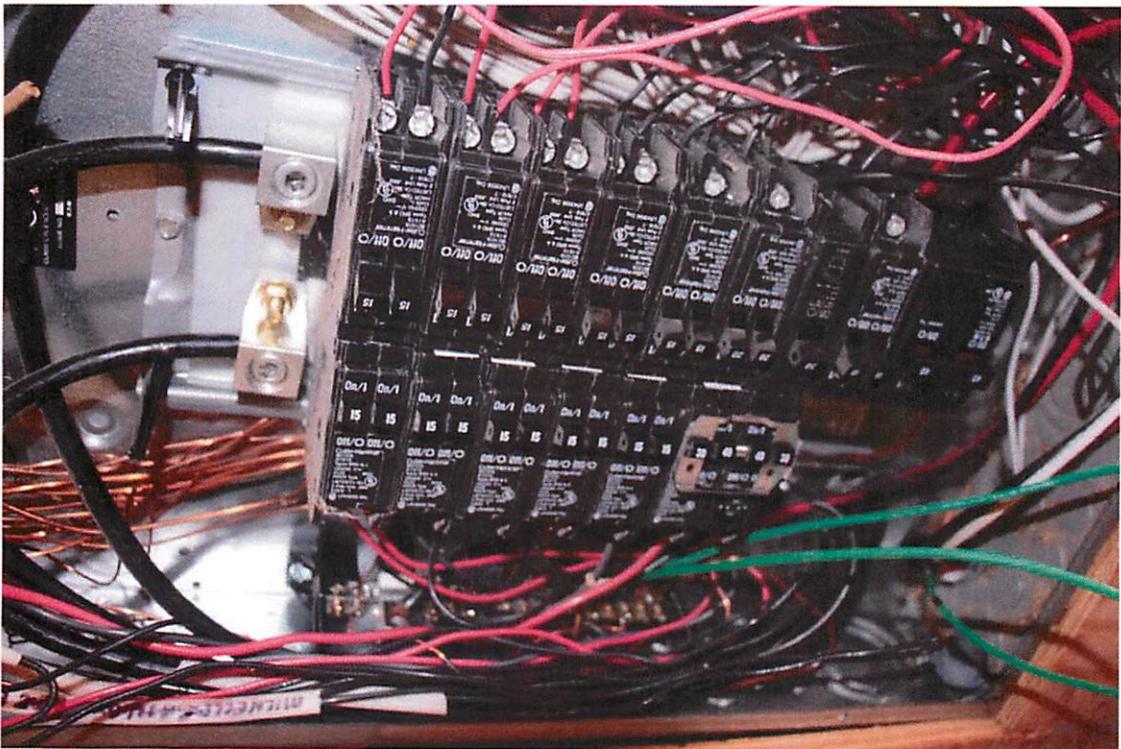
IMG_117 - Photo in landscape of the contents of utility room. Sub-panel (breakers) located on right.



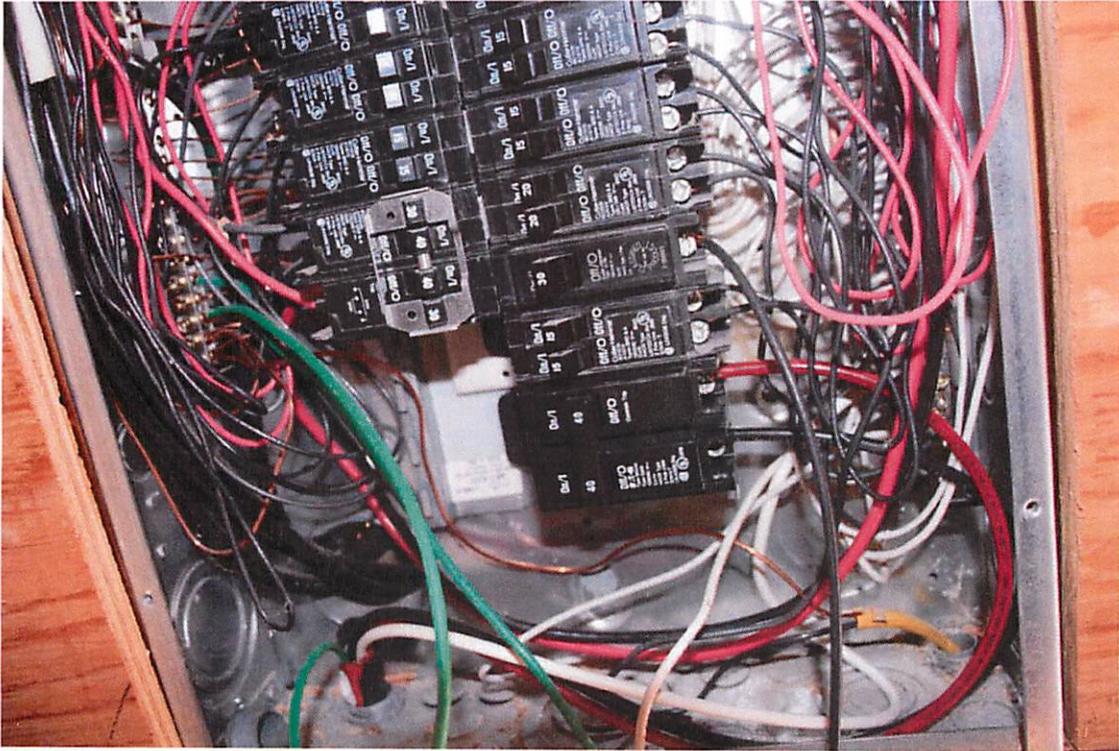
IMG_118 - Sub-panel in utility room.



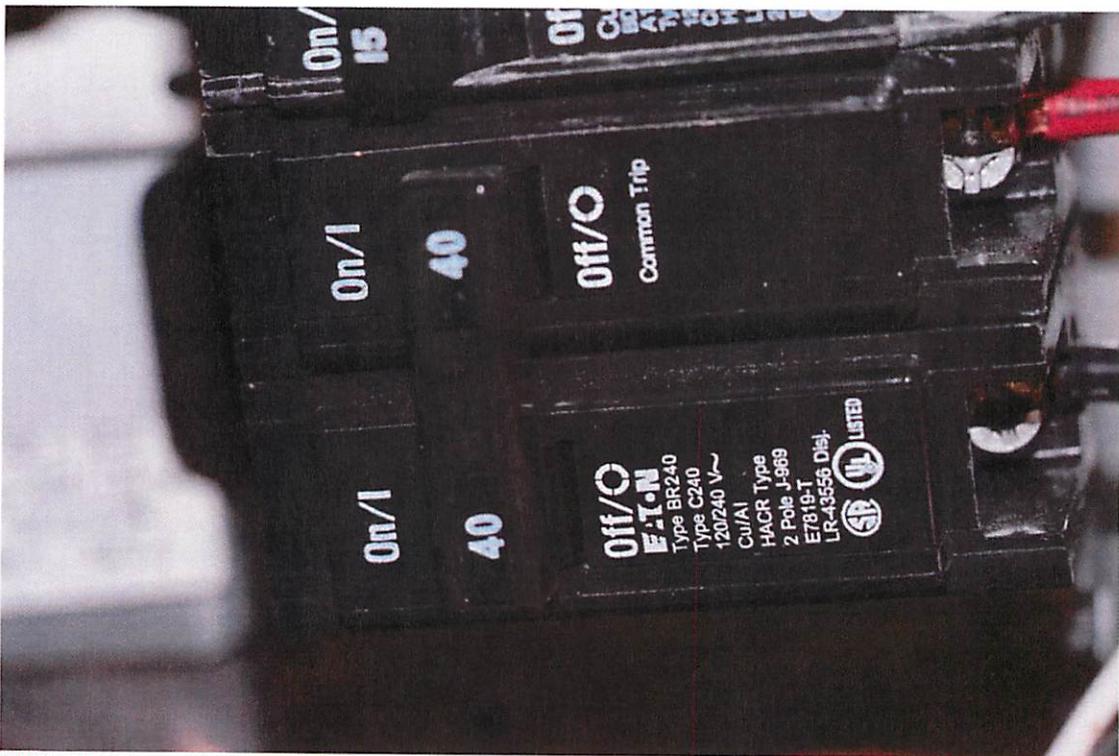
IMG_119 - Sub-panel in utility room.



IMG_120 - Sub-panel detail showing lowest most breaker (right) tripped and not in the "on" position.



IMG_121 - Detail of lowest most tied breakers tripped and not in the "on" position.



IMG_122 - Close-up of lowest most tied breakers tripped and not in the "on" position.



IMG_123 - SOA with previously photographed wires. A splice is evident to the left of the metal pipe vertically in ground.



IMG_124 - Wire splice located within the SOA. This splice shows the green, black, white and red wires were connected with wire nuts.



IMG_125 - Wire splice close-up with wire ties to differentiate the splice from the burnt vegetation.



IMG_126 - Wire splice close-up with wire ties to differentiate the splice from the burnt vegetation.



IMG_127 - Wire splice close-up with wire ties and evidence identifier tent 1.



IMG_128 - Wire splice close-up with wire ties and evidence identifier tent 1.



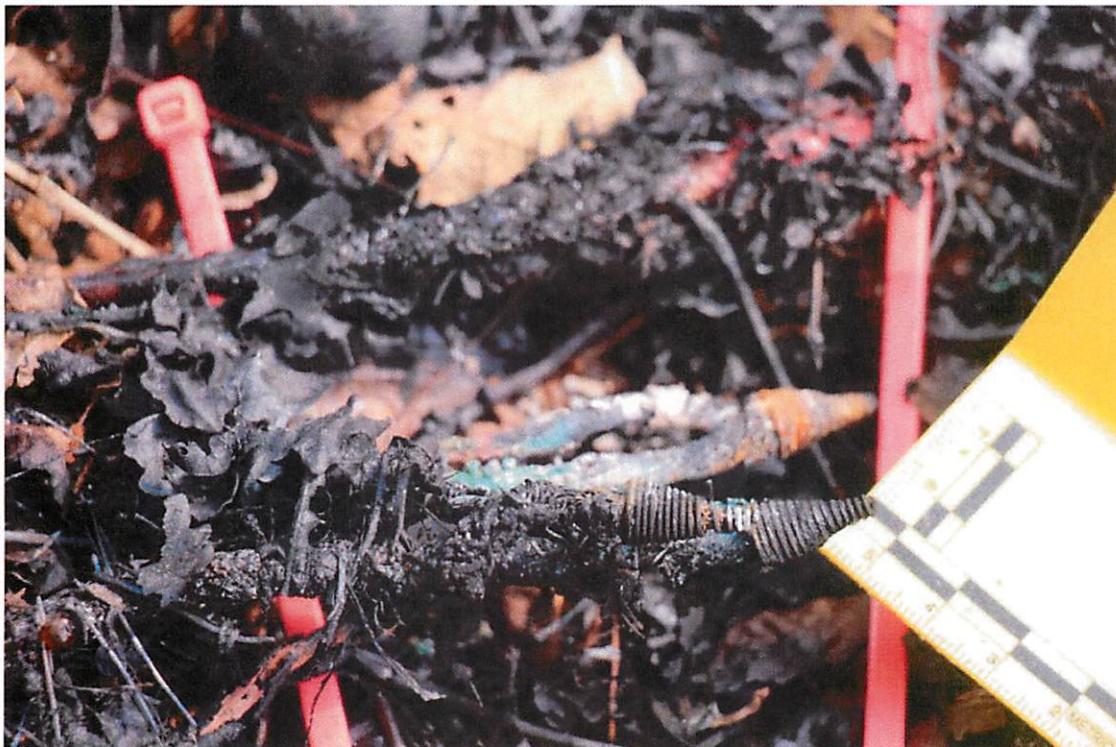
IMG_129 - Wire splice close-up with wire ties and evidence identifier tent 1.



IMG_130 - Wire splice close-up with wire ties and evidence identifier tent 1.



IMG_131 - Wire splice close-up with wire ties. Detail photo focusing on wire nuts.



IMG_132 - Wire splice close-up with wire ties. Detail photo focusing on wire nuts.



IMG_133 - SOA looking from east to west showing location of wire splice relative to wires, PVC and metal piping within the area.



IMG_134 - 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_135 - Detail photo from east to west showing location of wire splice relative to coaxial cable ends and metal pipe.



IMG_136 - Detail photo of splice with scaled blue paper beneath for contrast.



IMG_137 - Detail photo of splice with scaled blue paper beneath for contrast. Shows wires in greater detail and their separation.



IMG_138 - Detail photo of splice with scaled blue paper beneath for contrast. Shows wires in greater detail and their separation.



IMG_139 - Close-up photo of splice with scaled blue paper beneath for contrast. Shows wires in detail and their condition.



IMG_140 - Close-up photo of splice with scaled blue paper beneath for contrast. Shows wires in detail and their condition.



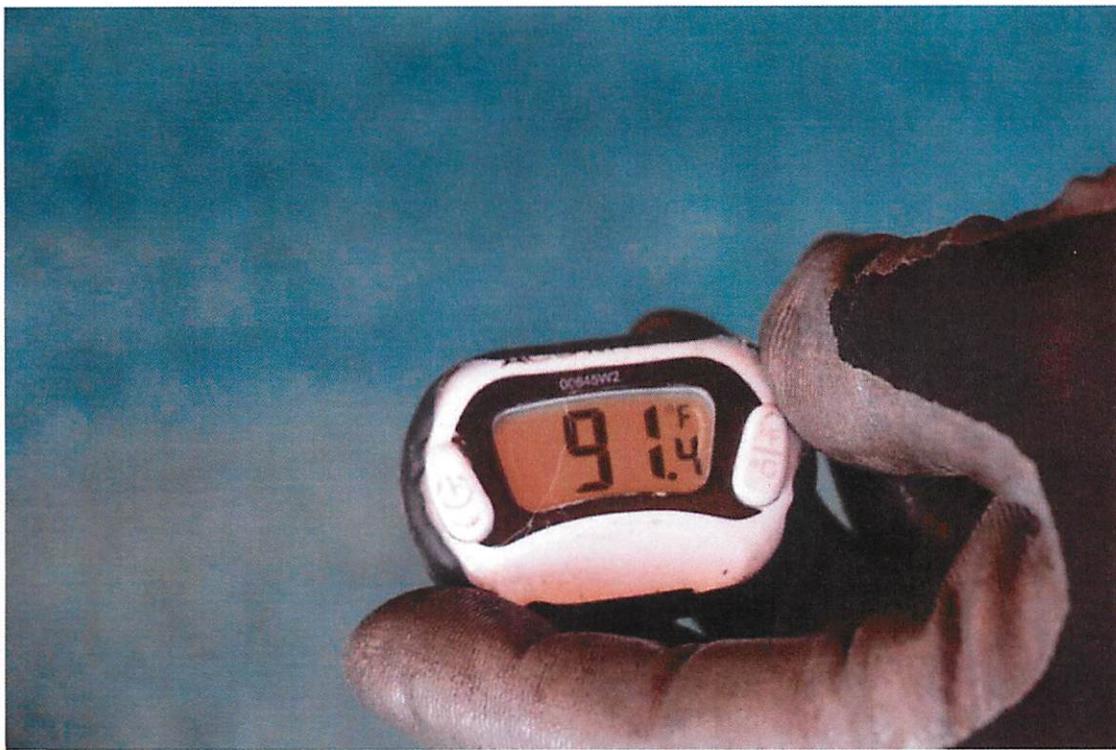
IMG_141 - Close-up photo of splice with scaled blue paper beneath for contrast. Shows wires in detail and their condition.



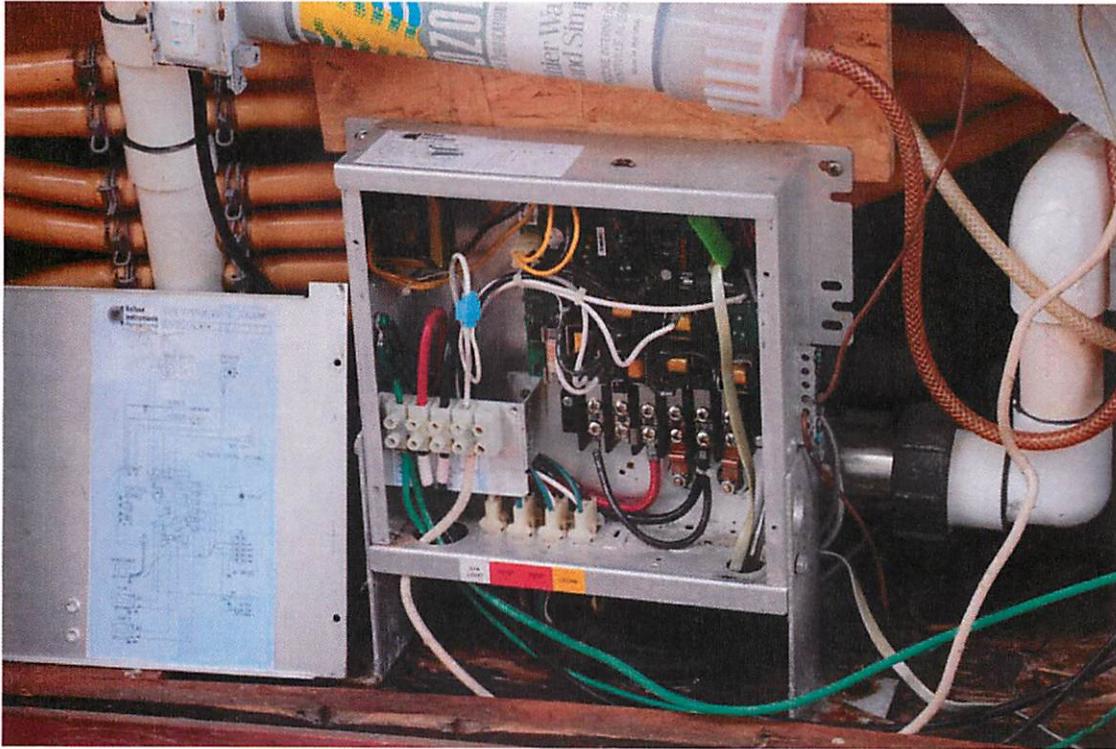
IMG_142 - Close-up photo of splice with scaled blue paper beneath for contrast. Shows wires in detail and their condition.



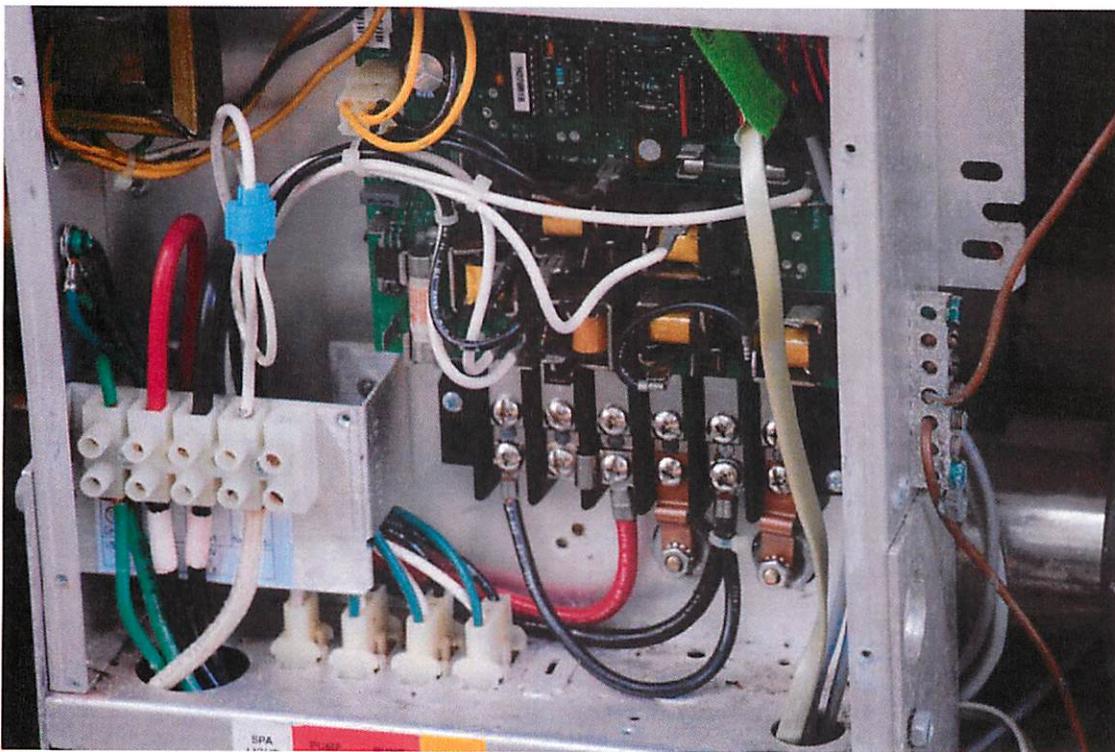
IMG_143 - Close-up photo of splice, wire ends and wire nuts, with scaled blue paper beneath for contrast. Shows wires ends and nuts in detail.



IMG_144 - Temperature reading of hot tub.



IMG_145 - Hot tub electrical and Balboa circuit board (model H276) panel with front cover of box removed.



IMG_146 - Close-up of hot tub electrical and Balboa circuit board (model H276) panel with front cover of box removed.



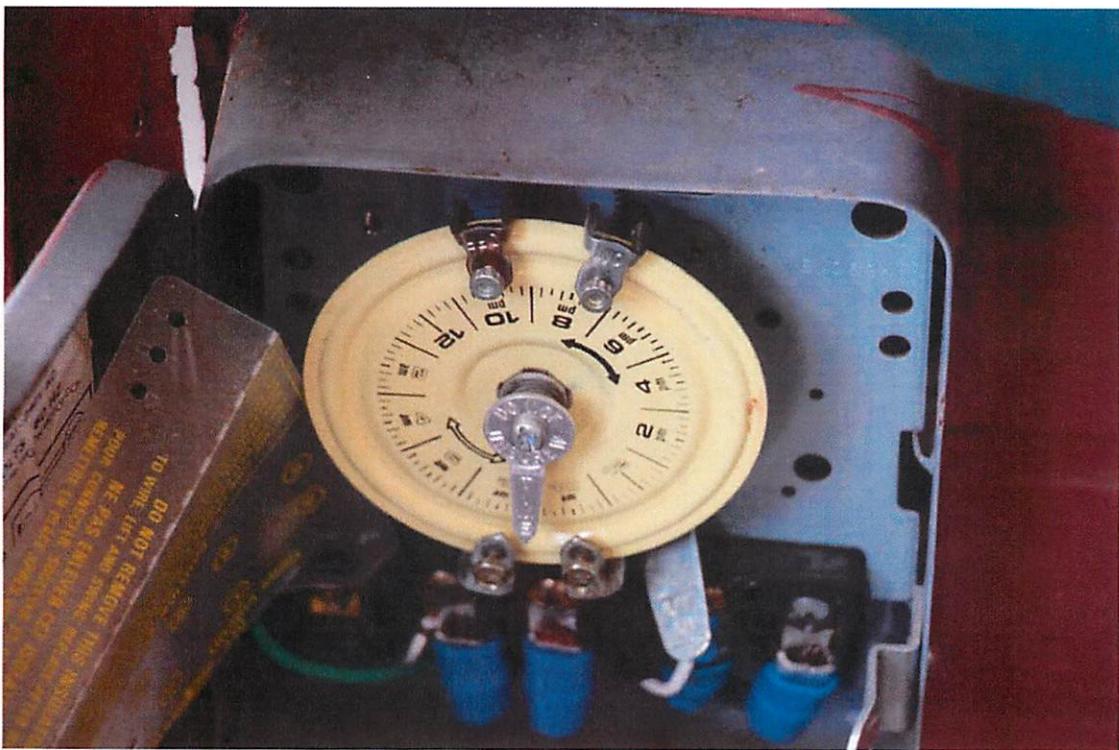
IMG_147 - Overall view of hot tub electrical and plumbing parts with front cover of box removed. External wiring pictured in lower right.



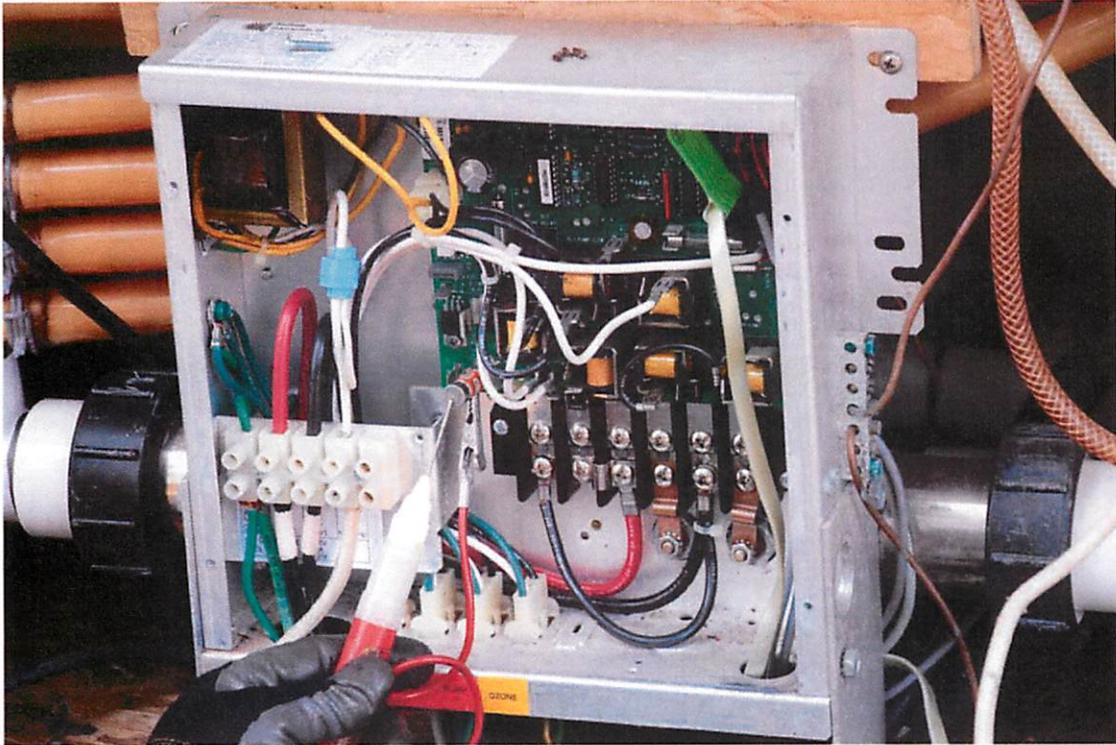
IMG_148 - Overall view of hot tub electrical and plumbing parts with front cover of box removed. External wiring pictured in lower portion of photo, including wiring splice between extension cord and hot tub wires identified in lower right of picture near neon wire tie.



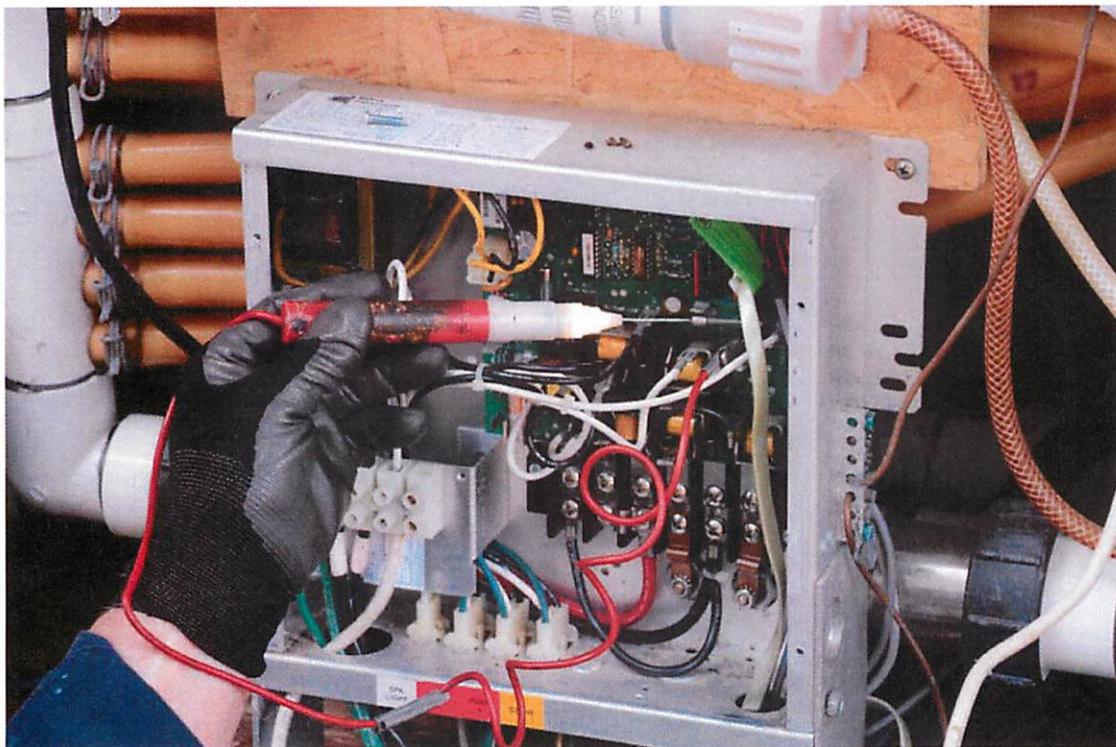
IMG_149 - Hot tub timer showing the timer was in the on position at the time of power loss.



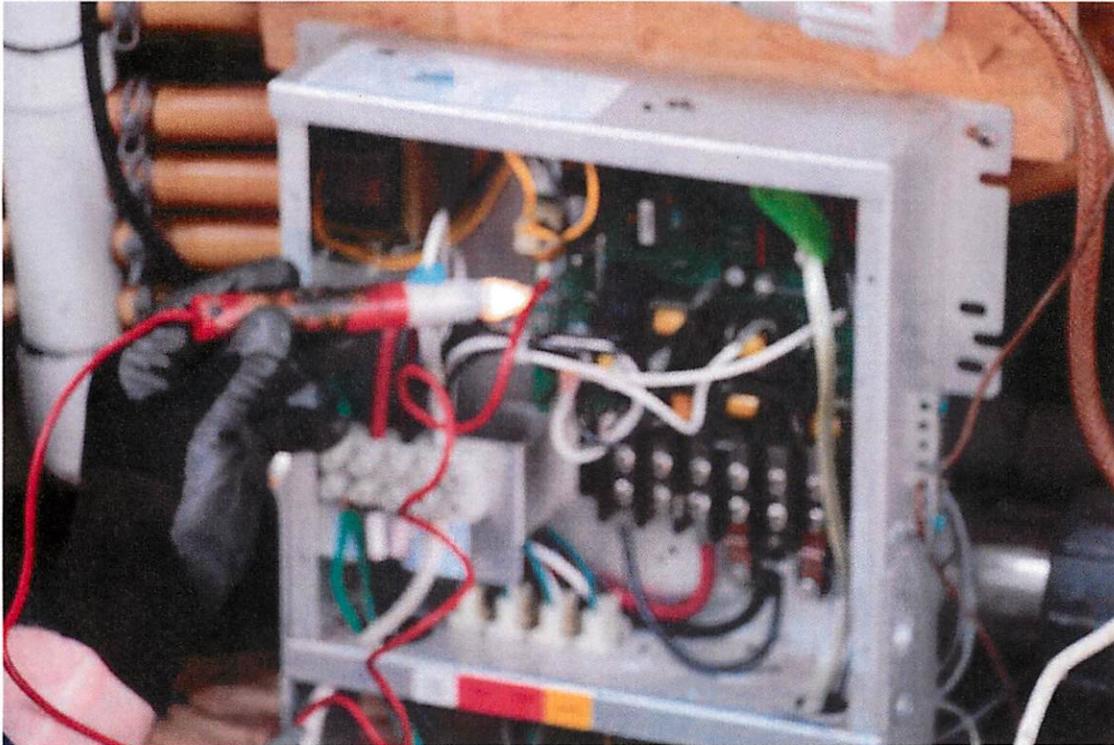
IMG_150 - Hot tub timer close-up showing the timer was in the on position at the time of power loss.



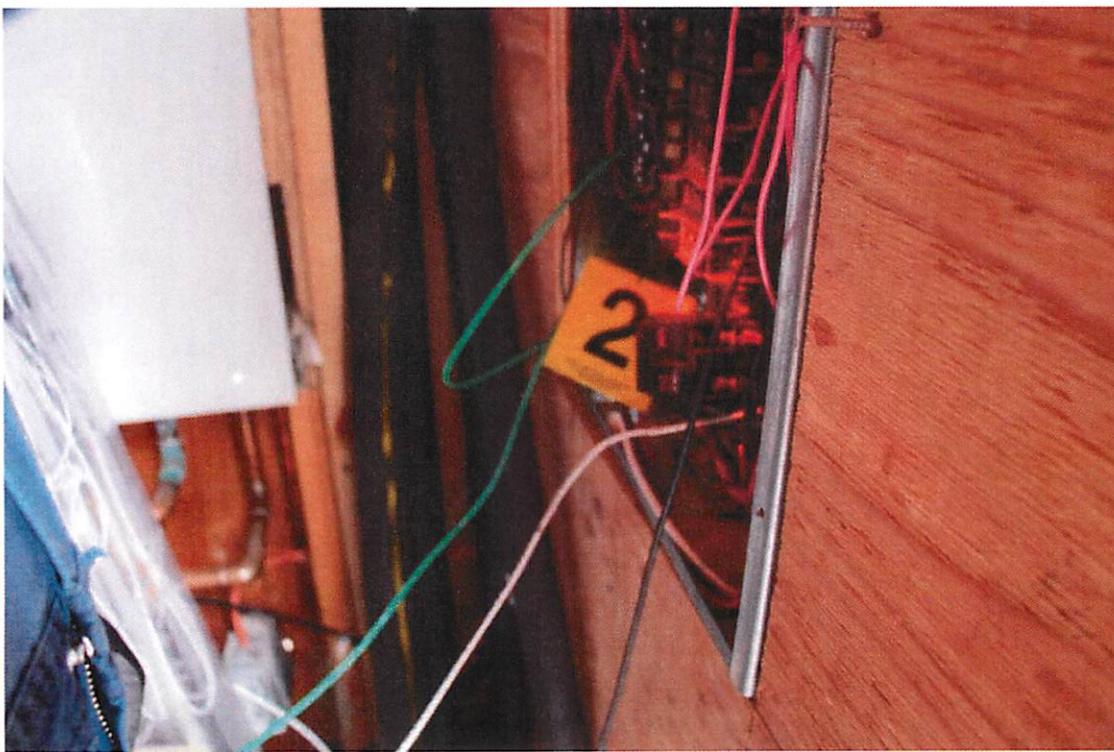
IMG_151 - Close-up of hot tub electrical and Balboa circuit board (modelH276) panel, showing testing for connectivity.



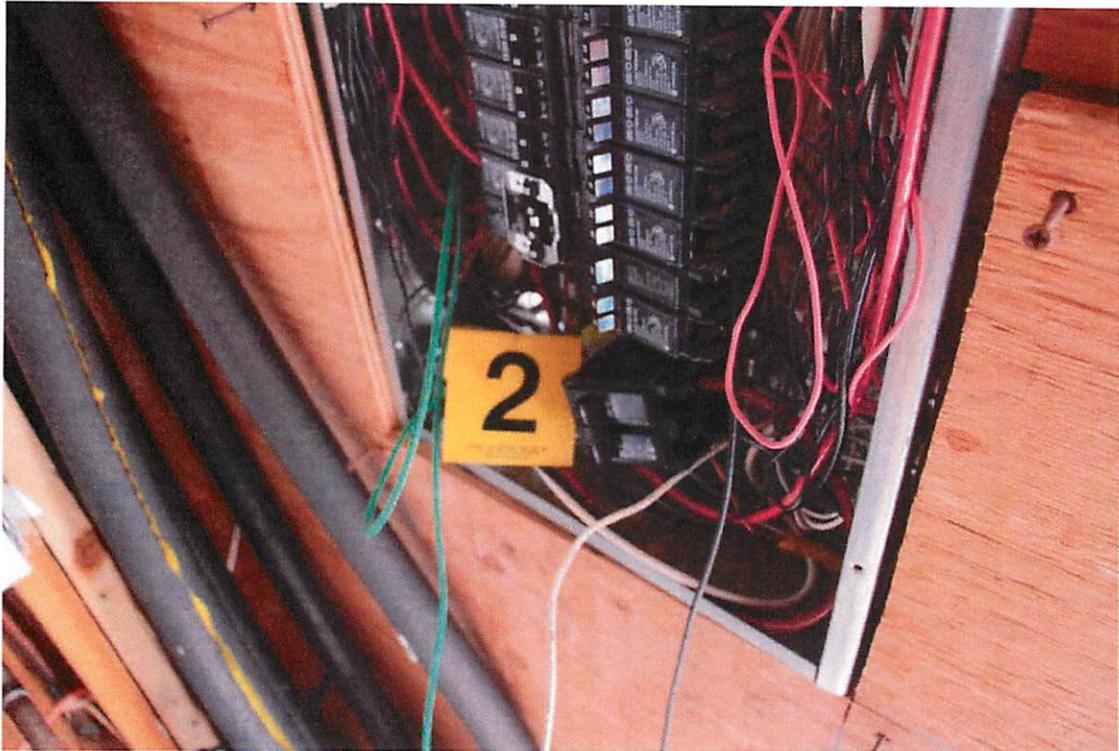
IMG_152 - Close-up of hot tub electrical and Balboa circuit board (modelH276) panel, showing testing for connectivity.



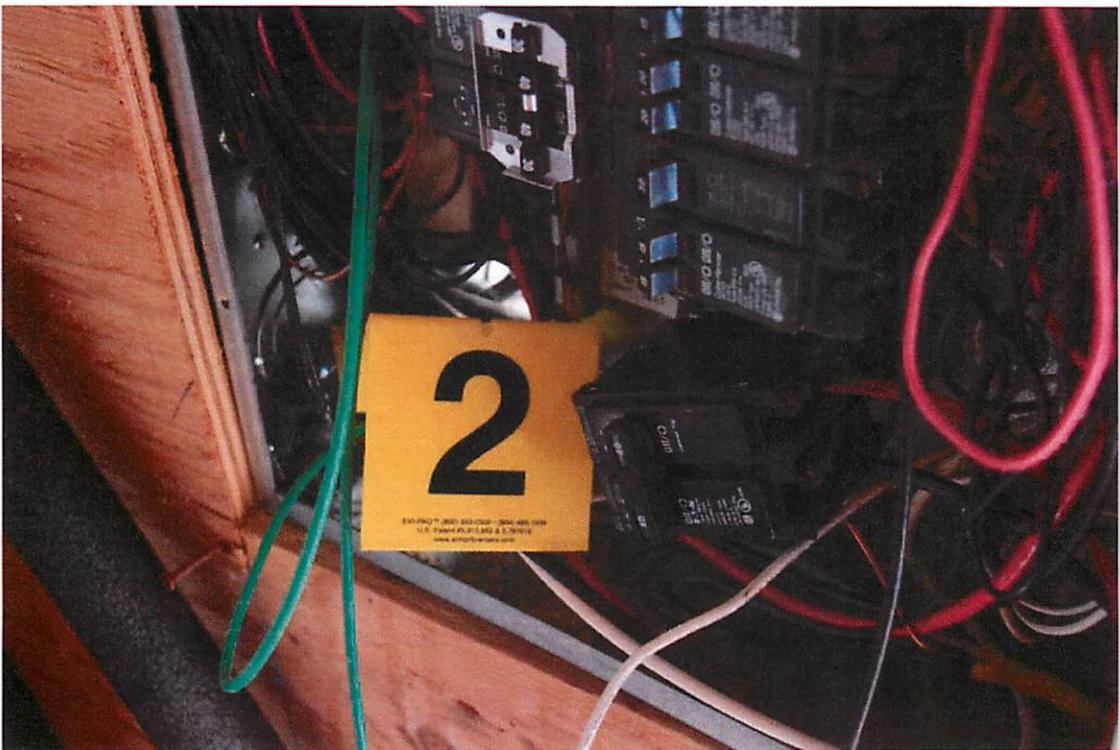
IMG_153 - Close-up of hot tub electrical and Balboa circuit board (modelH276) panel, showing testing for connectivity.



IMG_154 - Sub-panel showing lowest most tied breakers (right) tripped and not in the "on" position. Shown detached with evidence marker #2.



IMG_155 - Sub-panel showing lowest most tied breakers tripped and not in the "on" position. Shown detached with evidence marker #2.



IMG_156 - Detail of tied breakers tripped and not in the "on" position. Shown detached from panel with evidence marker #2.



IMG_157 - Detail photo of splice with scaled blue paper beneath for contrast. Yellow wire tie pointed to location where wires were welded.



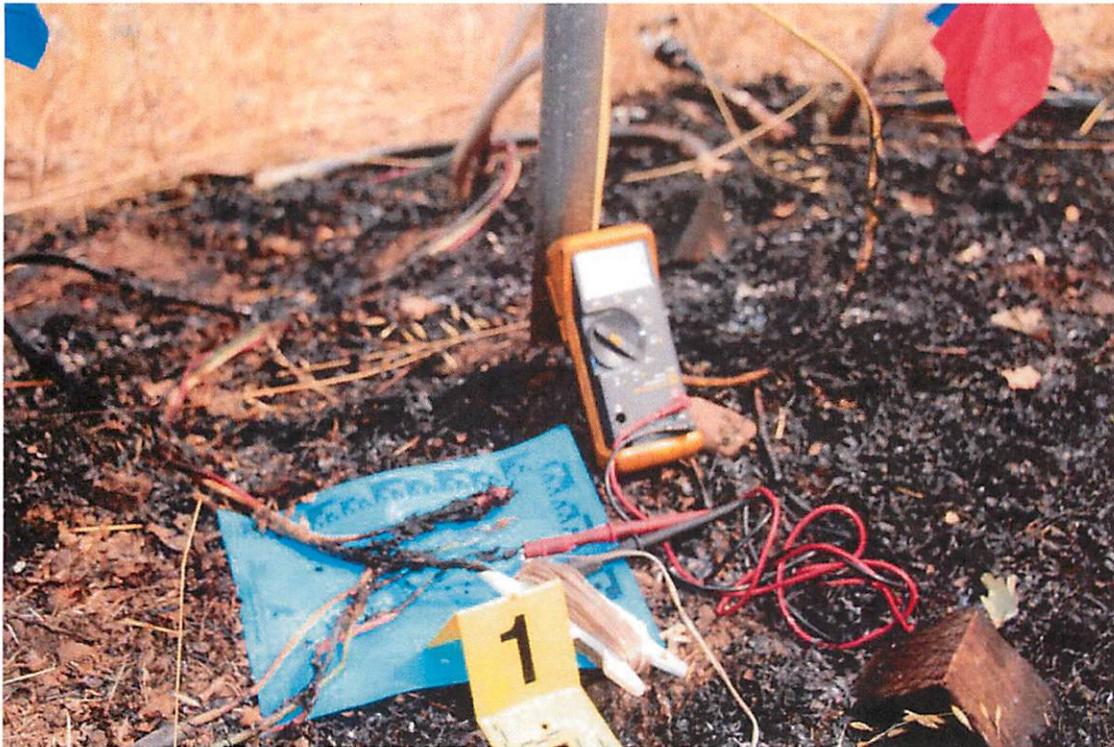
IMG_158 - Detail photo of splice with scaled blue paper beneath for contrast. Yellow wire tie pointed to location where wires were welded.



IMG_159 - Close-up of splice showing condition of wires.



IMG_160 - Close-up of splice showing condition of wires, wire ends and wire nuts.



IMG_161 - Wires at splice being tested for connectivity and resistance.



IMG_162 - Detail of wire at splice being tested.



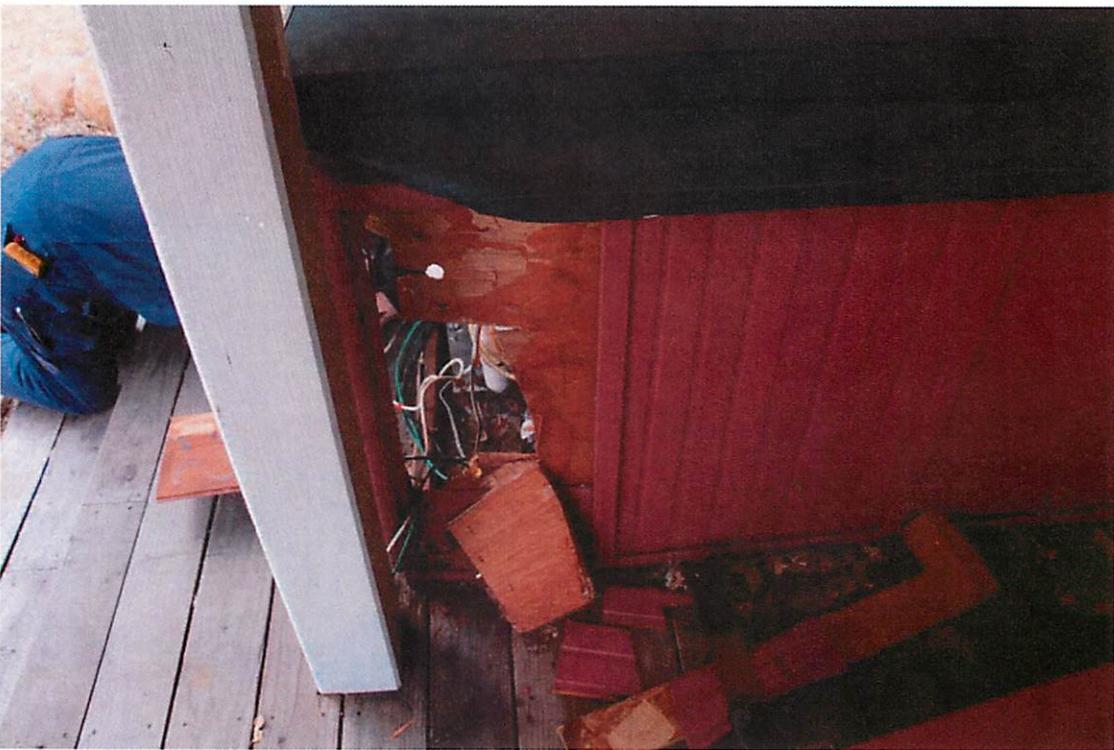
IMG_163 - Detail of wire at splice being tested.



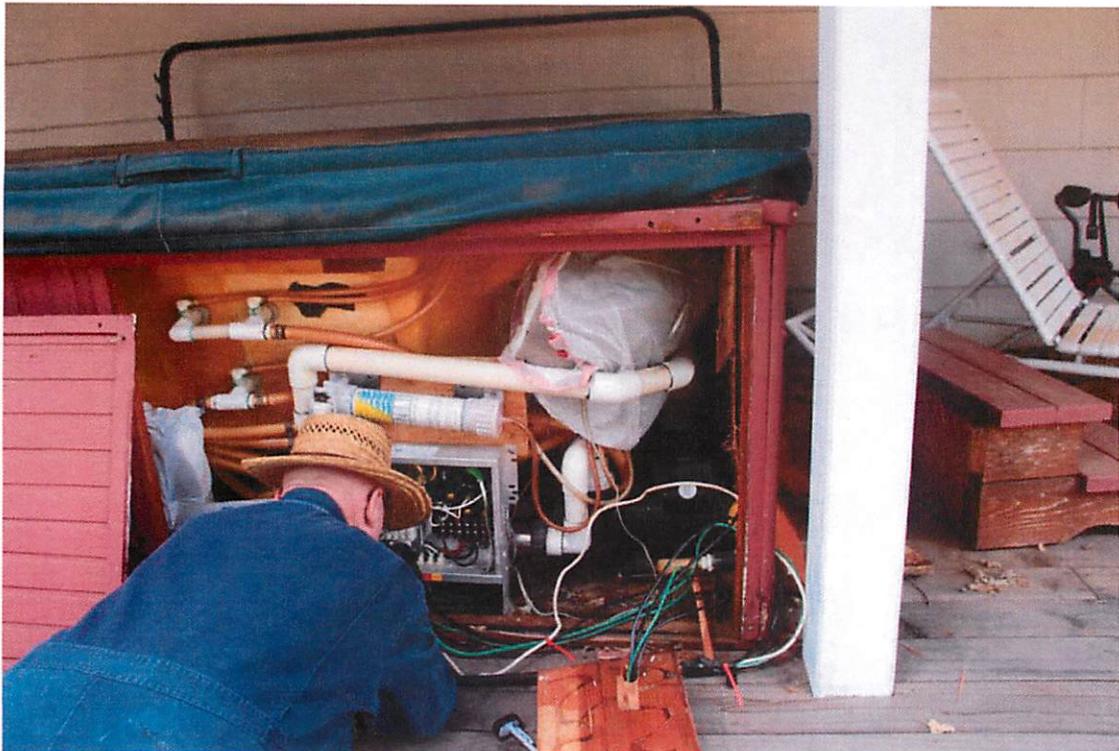
IMG_164 - Close-up of wire at splice being tested.



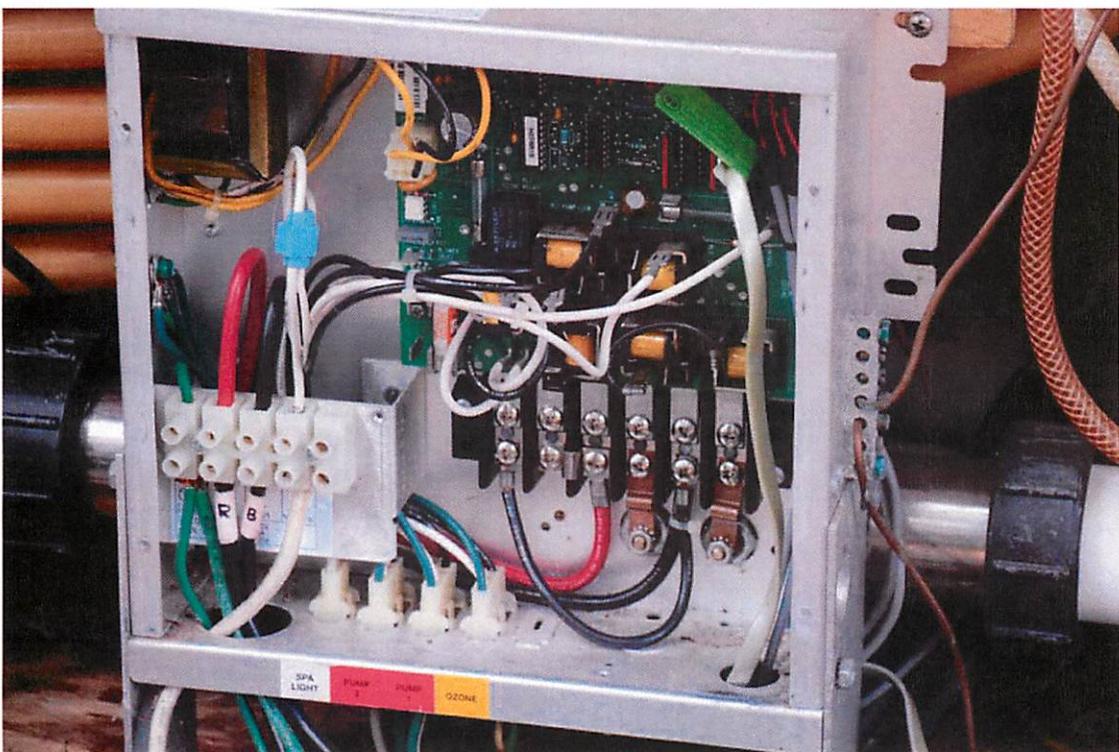
IMG_165 - Close-up of wire at splice being tested.



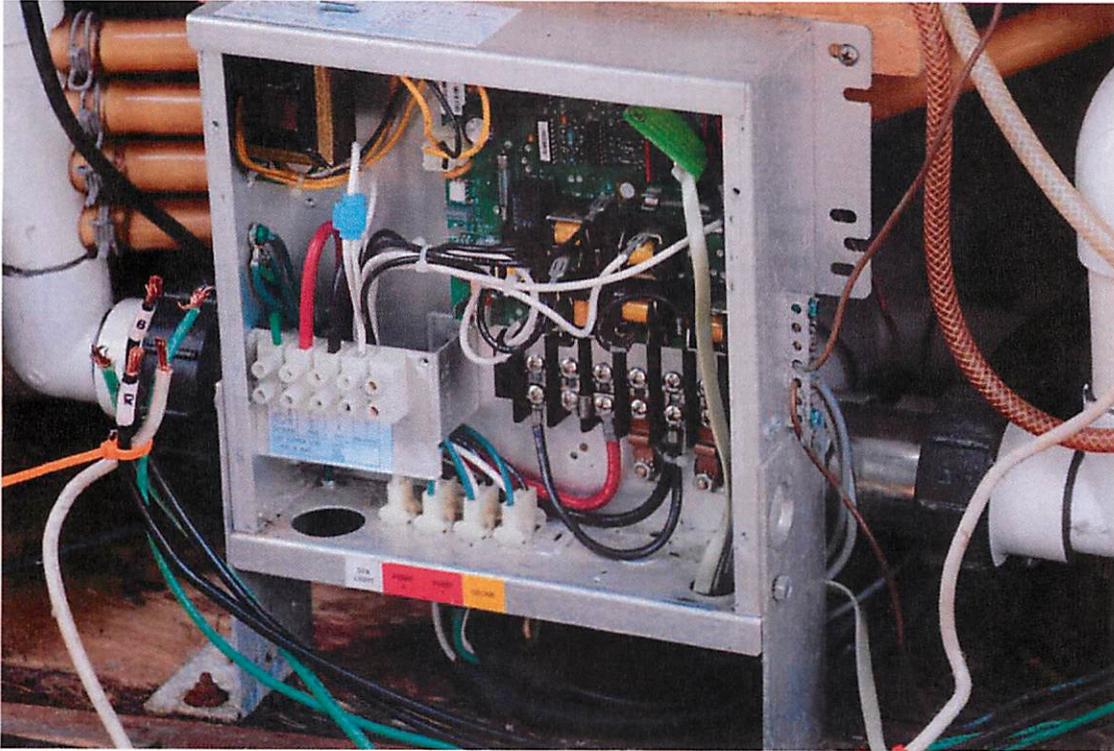
IMG_166 - Hot tub following the removed of the timer.



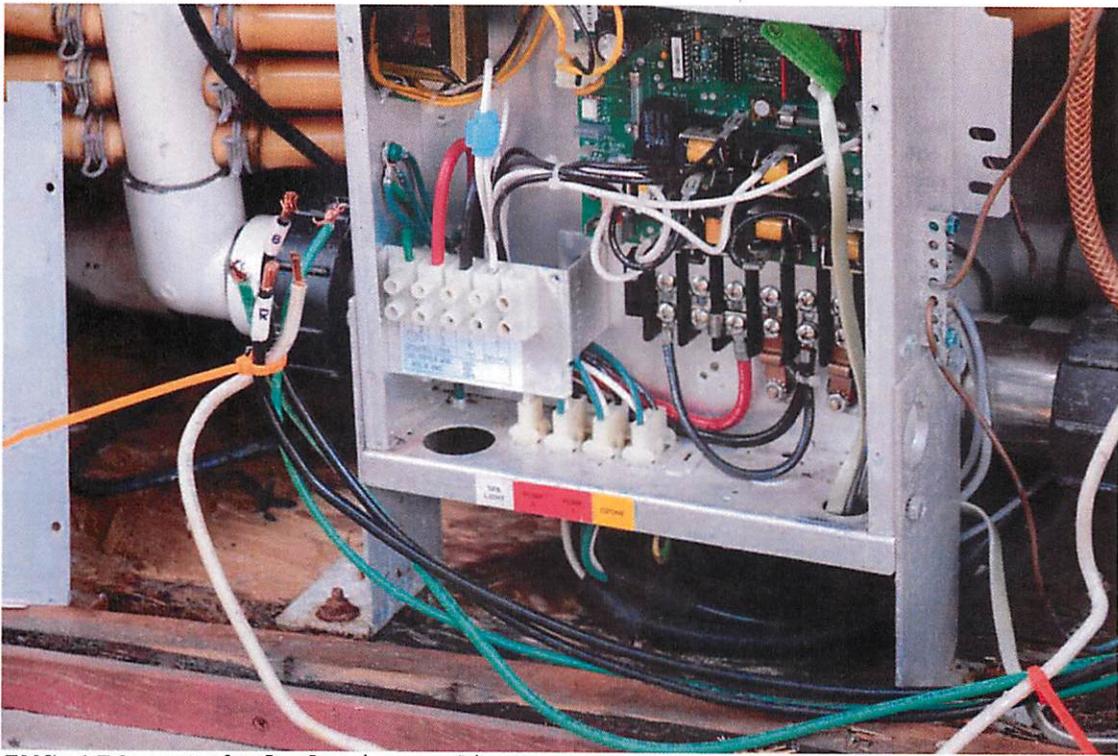
IMG_167 - Labeling of wires, prior to disconnection of wires from the hot tub electrical panel. Removed timer face down in bottom center.



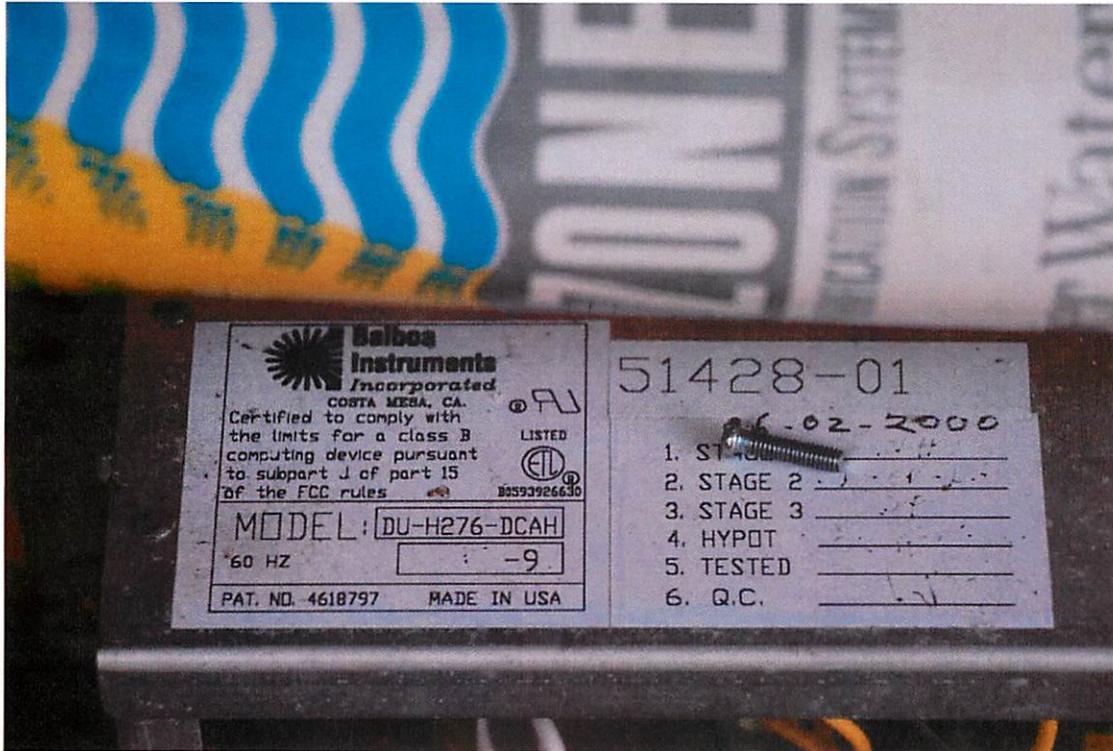
IMG_168 - Labeled wires prior to disconnecting from the hot tub electrical panel.



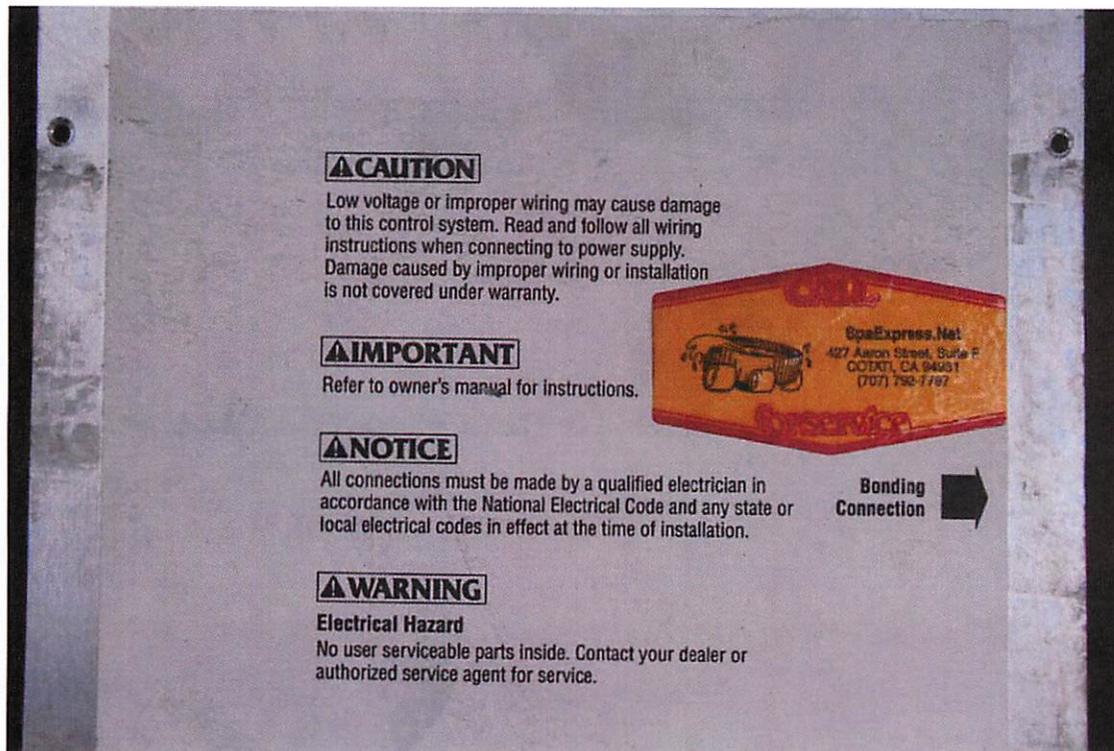
IMG_169 - Labeled wires disconnected from the hot tub electrical panel and wire tied.



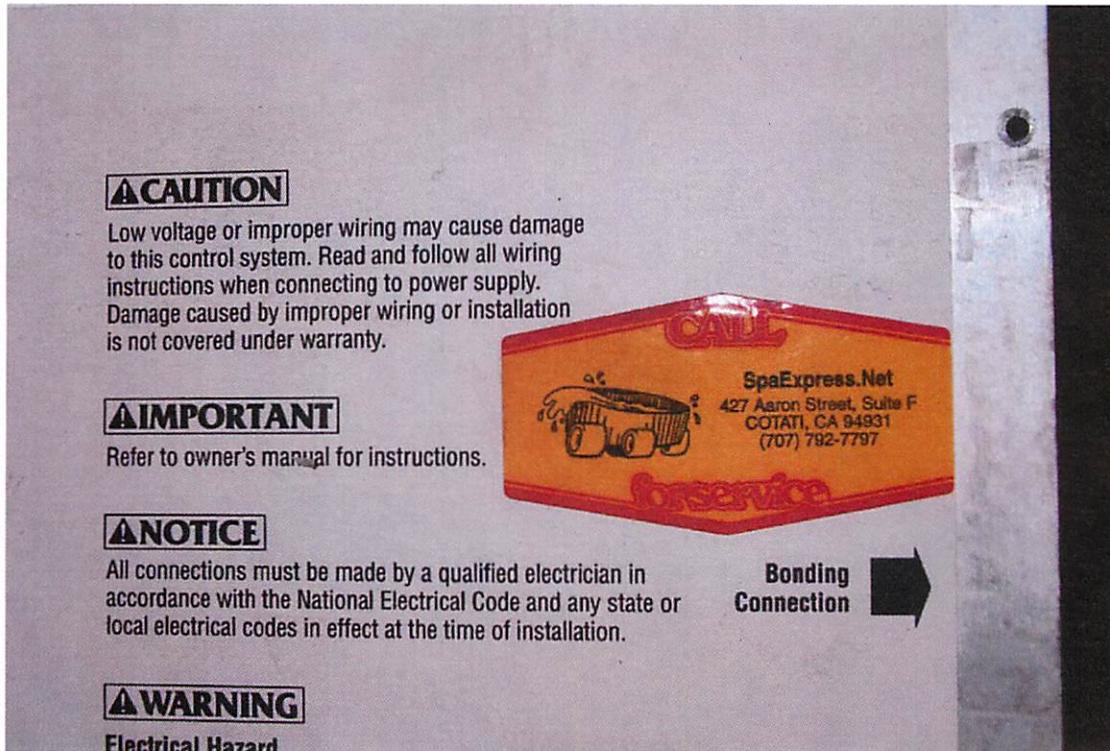
IMG_170 - Labeled wires disconnected from the hot tub electrical panel and wire tied.



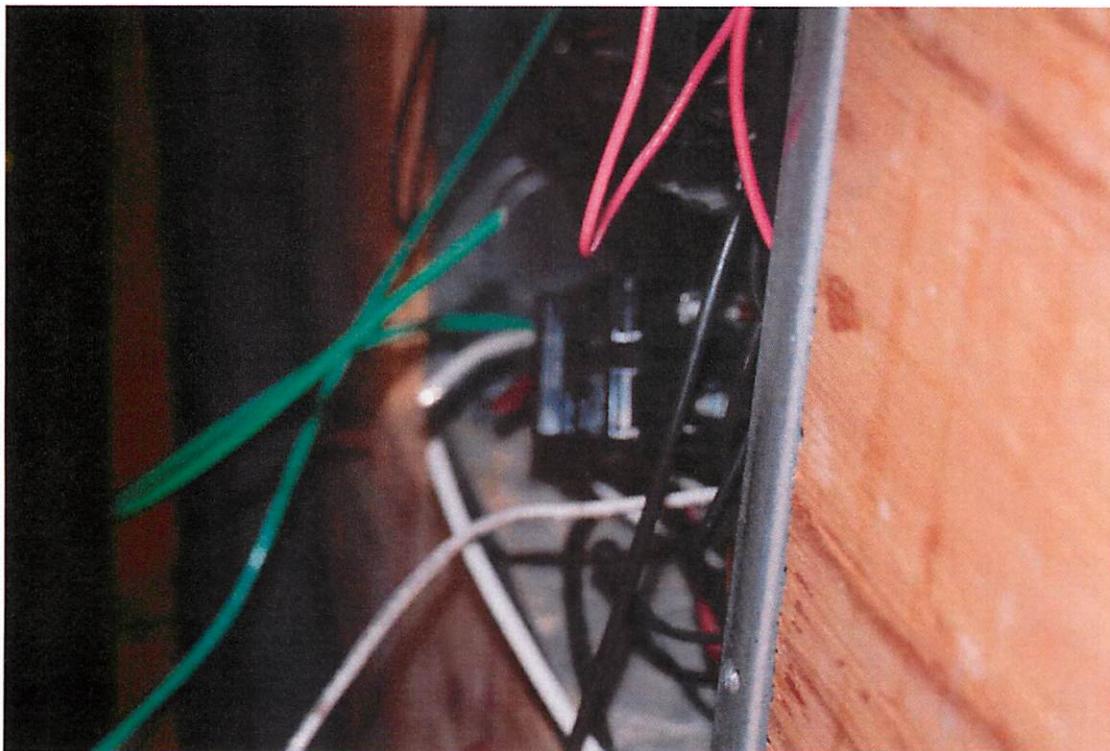
IMG_171 - Manufacturer's stickers located on top of hot tubs electrical box, identifying manufacturer and model number.



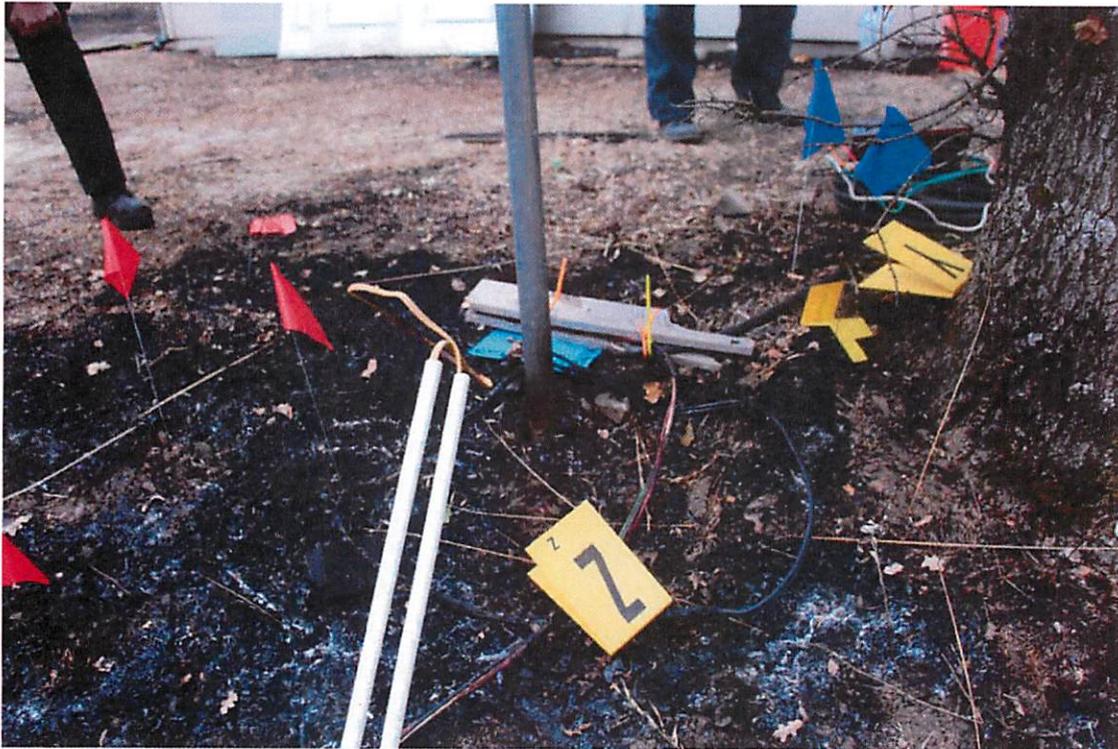
IMG_172 - Manufacturer's warnings and notices sticker located on exterior of hot tub's electrical box cover.



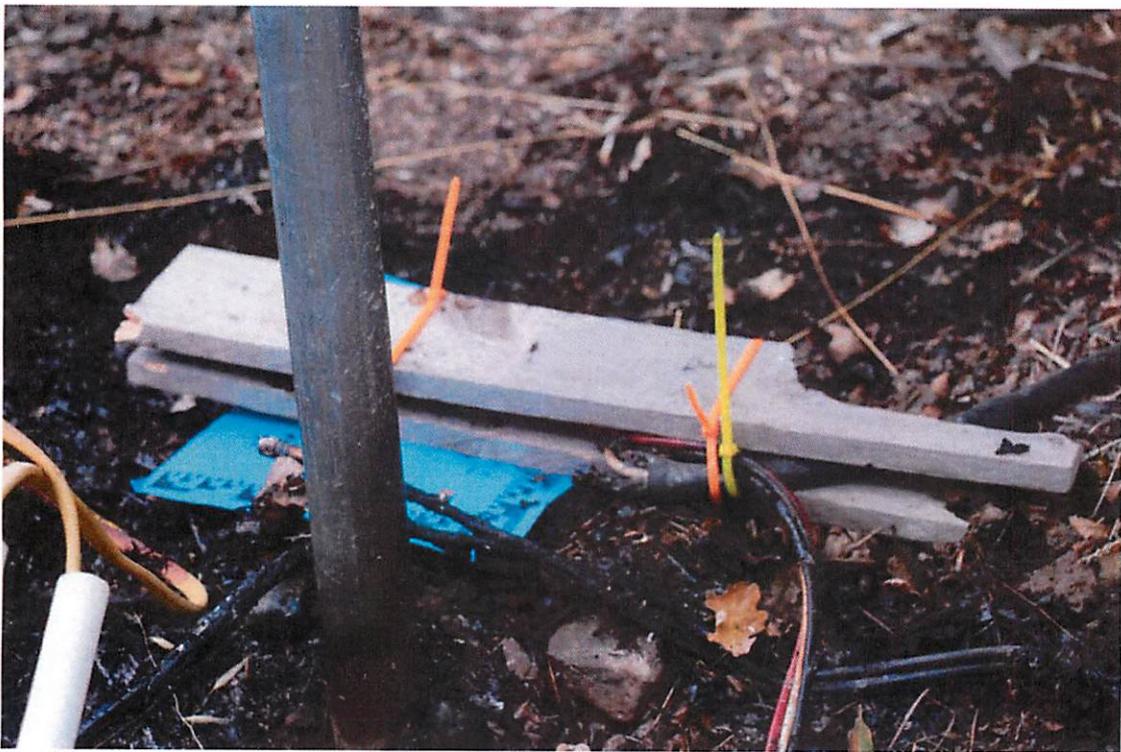
IMG_173 - Manufacturer's notice stating, "All connections must be made by a qualified electrician in accordance with...electrical codes...".



IMG_174 - Sub-panel showing lowest most tied breakers with wires removed.



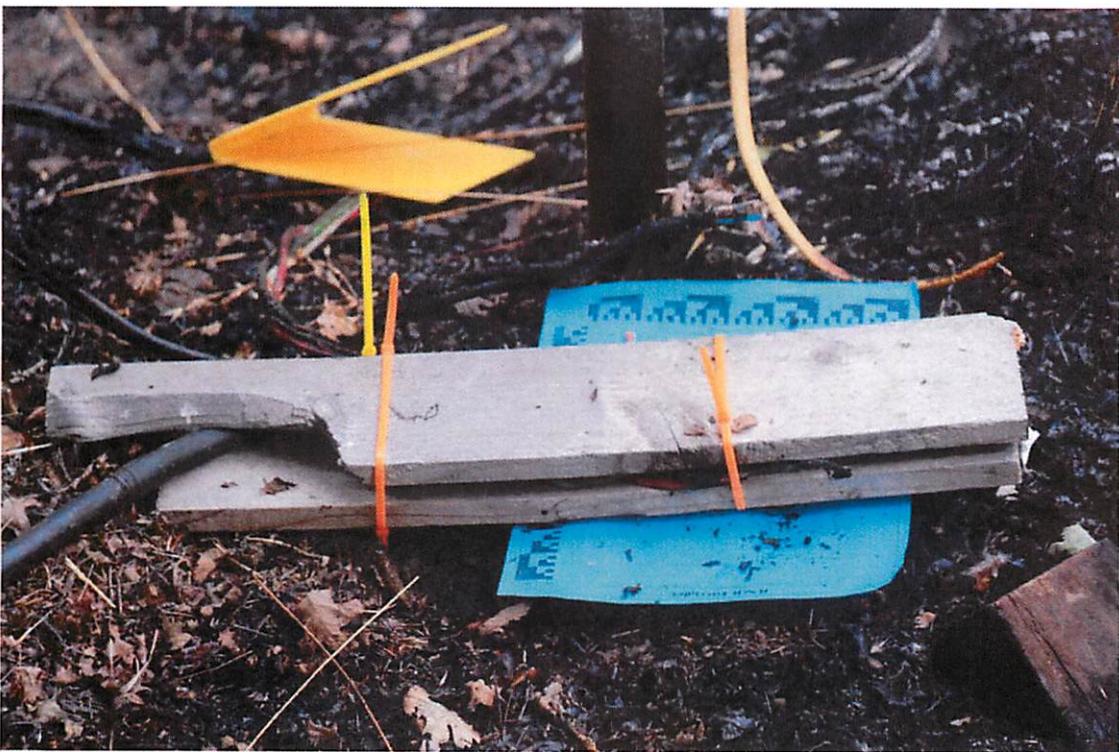
IMG_179 - Splice placed between two boards and wire tied to protect integrity of the wires and connections.



IMG_180 - Close-up of splice placed between two boards and wire tied to protect integrity of the wires and connections.



IMG_181 - Splice between the two boards. The load side of splice is rolled and wire tied in lower left corner of photo.



IMG_182 - Close-up of splice placed between two boards and wire tied to protect integrity of the wires and connections.



IMG_183 - Overall view of boarded splice, load side rolled and ties (upper right corner) and supply side traveling from splice into conduit.



IMG_184 - Overall view of boarded splice, load side rolled and ties (upper right corner) and supply side traveling from splice into conduit.



IMG_185 - Unburied conduit and water pipe leading from northeast corner of house and traveling to SOA.



IMG_186 - Unburied conduit and water pipe leading from northeast corner of house and traveling to SOA.



IMG_187 - Unburied conduit terminus, which contained the wires on the supply side of splice, originating at the northeast corner of house.



IMG_188 - Unburied conduit and water pipe leading from northeast corner of house and traveling to SOA.



IMG_189 - First grid in SOA.



IMG_190 - Block of wood, located within first grid area, showing burn pattern invalidators consistent with protection, degree of damage and depth of char.



IMG_191 - Burnt vegetation with the first grid, indicating low intensity burning with unburnt vegetation present under the ash.



IMG_192 - Burnt coaxial cable within first grid with staining and sooting on rock and base of metal pipe.



IMG_193 - Close up of rock and burnt coaxial cable pictured in #192 above.



IMG_194 - Protection and degree of damage on oak leaves located within first grid.



IMG_195 - Close-up of oak leaves pictured in #194 above.



IMG_196 - Second grid within SOA, with stem fall backing indicators visible.



IMG_197 - Unburned vegetation, under ash indicating low intensity burning within second grid.



IMG_198 - Looking easterly toward neighboring driveway, from a location across fence northeast of house.



IMG_199 - Looking southerly along fence line toward garden area, from a location across fence northeast of house.



IMG_200 - 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_201 - Looking southwesterly toward SOA, house, and garden area, from a location across fence northeast of house.



IMG_202 - Looking southerly down fence line and toward garden area, from a location across fence northeast of house. Showing survey equipment and indicator flagging.



IMG_203 - Looking southeasterly at indicator flagging, from a location across fence east of house.



IMG_204 - Looking southeasterly at lateral indicator flagging, from same location as #203.



IMG_205 - Looking southeasterly at lateral indicator flagging, from same location as #203. Angle of char, protection and cupping is visible.



IMG_206 - Looking northerly at angle of char, indicating advancing fire progression.



IMG_207 - Looking northerly at angle of char, indicating advancing fire progression.



IMG_208 - Looking easterly at angle of char, indicating advancing fire progression.



IMG_209 - Close-up of #208



IMG_210 - Looking northeasterly at indicator flagging from location just east of fence line and garden.



IMG_211 - Looking northeasterly at survey equipment, east of fence line. from same location as #210.



IMG_212 - Looking easterly from same location as #210.



IMG_213 - Looking northerly at indicator flagging from same location as #210.



IMG_214 - Looking northerly at lateral transition line with indicator flagging from same location as #210.



IMG_215 - Looking westerly at through garden area, toward house and burnt tool shed.



IMG_216 - Advancing indicator flagging, unknown location.



IMG_217 - Advancing indicator flagging. Looking north east from location east of fence, northeast of house.



IMG_218 - Advancing indicator flagging. Looking east from location east of fence, northeast of house.



IMG_219 - Advancing indicator flagging pictured in #218 close-up.



IMG_220 - Survey equipment and indicator flagging, looking southeasterly from location east of fence, northeast of house.



IMG_221 - Looking southeasterly from same location and #220. Indicator flagging in distance.



IMG_222 - Survey equipment and indicator flagging, looking southeasterly from location east of fence, northeast of house.



IMG_223 - Angle of char, advancing indicators on north side of property, looking north.



IMG_224 - Looking toward SOA from south of southern fence line.



IMG_225 - Looking toward south side of house, destroyed wood shed and damaged tool shed from south of southern fence line. Backing indicator flagging visible north of fence.