

Owner: City of Bloomington  
Case #: 2019-002



**MABAS DIVISION 41  
FIRE INVESTIGATION TEAM  
103 South Buchanan St.  
Heyworth, Illinois 61745  
Phone (309) 473-3223**

**SUMMARY REPORT OF INVESTIGATION**

**DATE:** 03/12/2019 **CASE #:** 2019-002  
**OWNER:** City Of Bloomington  
**ADDRESS:** 109 E. Olive St.  
**CITY:** Bloomington **STATE:** IL.  
**DATE OF LOSS:** 03/10/2019 **TIME:** 03:35  
**ADDRESS OF LOSS:** 25449 Davis Lodge Road,  
Hudson, IL

Based upon my scientific examination of the fire scene, including fire pattern analysis, forensic fire scene reconstruction, physical evidence found at the fire scene, information provided to me by Joe Darter (Property Manager, City of Bloomington), Blake Knapp (City of Bloomington employee), Jim Carter (City of Bloomington employee), Brett Lueschen (City of Bloomington Water Department), Karen Esetes (neighbor), and Christopher Young (neighbor who reported fire) from interviews, information provided by, and information received from the Hudson Fire Department, it is my conclusion that the area of origin of the fire is located in the center of the shop area of the structure near a wooden work bench that had a plastic garbage can at the east end.

Further examination of the fire scene indicates the most likely/probable and competent ignition source of the fire is the result of rags used for staining a sign that were disposed in the garbage can. However, electrical issues cannot be definitively ruled out due to the damage by the fire and by fire suppression and overhaul efforts.

Therefore, this fire will be classified as **“UNDETERMINED”**.

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These conclusions are based on evidence and artifacts found in and around the fire scene, observations, calculations, experiments, and the laws of science.<sup>1</sup>

This summary report, with limited information provided was completed, additional information, including a full investigative report, can be prepared, upon request, at any time.

This fire scene examination was conducted using a scientific methodology, the basic method of fire investigation, and a systematic approach as discussed in the 2017 Edition of NFPA 921: *“Guide for Fire and Explosion Investigations”* and the 2014 Edition of NFPA 1033: *“Standard for Professional Qualifications for Fire Investigator.”*

These findings and conclusions are based on and within a reasonable degree of accepted fire science and investigation certainty. This report was generated considering information available at the time of its completion. The knowledge, skill, experience and training of the investigator(s) associated with this investigation were used in the rendering of the findings and conclusions. MABAS 41 reserves the right to amend this report if additional information or evidence becomes available at a later date.

Respectfully,

A handwritten signature in blue ink that reads "Bill Kiesling".

Bill Kiesling, IAAI-FIT, CFEI

MABAS 41 Fire Investigation Team

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<sup>1</sup> NFPA 921, Chapter 19.6.5, 2017 Edition