

Great Lakes Analytical, Inc.

FORENSIC CONSULTING & ANALYSIS

17526 Ten Mile Road ▪ Eastpointe, MI 48021 ▪ Phone (586) 779-5648 ▪ Fax (586) 779-5767

Laboratory Report

July 31, 2018

Laboratory No. 186446

Ms. Maxine Willis
30317 S. Meadowridge
Farmington Hills, MI 48334

Re: Case Name: Willis, Mario
Loss: 7418 E. Kirby Street, Detroit, MI
Date of Loss: November 15, 2008

Background

Great Lakes Analytical, Inc. received the following item(s) delivered by M. Willis:

- Item 1: MSP laboratory file (11/19/08).
- Item 2: DFD incident report (11/16/08).
- Item 3: court transcript for jury trial (case number 09-028750-01) Volume II and Volume III (Rance Dixon and lab stipulation).
- Item 4: Darien Dove recorded interview (6/11/09).
- Item 5: Darien Dove affidavit (03/26/14).

Great Lakes Analytical, Inc. was requested to review the above items.

Review/Discussion

The above documents were reviewed and the following observations and conclusions were made.

Three items of evidence were taken from the scene at 7418 E Kirby Street, Detroit, Michigan per the incident report.

The items collected were identified as:

Evidence tag number E30827804 - charred debris taken from southeast area of interior second floor wall.

Evidence tag number E30827904 - pieces of charred floor boards taken from floor along southeast area of interior second floor wall.

Evidence tag number E30828004 - pieces of charred floor boards taken from floor along southwest area of interior second floor wall.

All three evidence items were submitted to the Michigan State Police Laboratory in Sterling Heights, Michigan.

The laboratory identified the items as:

Container #1/Item #1: 1 - sealed metal can containing charred wood and debris (tag number E30827804)

Container #2/Item #2: 1 - nylon bag containing charred wood and debris (tag number E30827904).

Container #3/Item #3: 1 - nylon bag containing charred wood and debris (tag number E30828004)

The containers described in the laboratory report are suitable for the collection of fire debris evidence. The items were analyzed for ignitable liquids with the following results:

Item #1 - (tag number E30827804) did not show the presence of any identifiable liquid petroleum products.

Item #2 - (tag number E30827904) showed the presence of gasoline.

Item #3 - (tag number E30828004) showed the presence of gasoline.

The Michigan State Police Laboratory analytical results were reviewed and the conclusions stated in the Laboratory report are correct with the analytical data. Those conclusions again being:

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Review/Discussion (continued)

Evidence tag number E30827804 (Item #1) identified as charred debris taken from southeast area of interior second floor wall was negative for ignitable liquids.

Evidence tag number E30827904 (Item #2) identified as pieces of charred floor boards taken from floor along southeast area of interior second floor wall was positive for gasoline.

Evidence tag number E30828004 (Item #3) identified as pieces of charred floor boards taken from floor along southwest area of interior second floor wall was positive for gasoline.

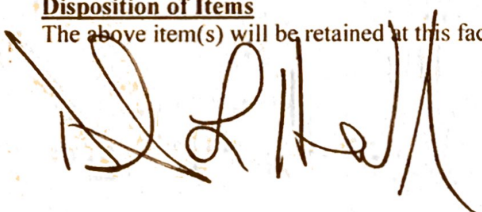
The only samples that tested positive for gasoline were the items identified as floor boards from the second floor of the dwelling (tag numbers E30827904 and E30828004). The analytical test for ignitable liquids is not intended for the detection of bleach (Jury Trial Volume III, page 11 - line 13).

The Dixon testimony states that he took "wood samples from the floor" (Jury Trial Volume II, page 122 - line 20) which is consistent with the incident report that states two of the items (tag numbers E30827904 and E30828004) were charred floor boards. He also states later that he that the items collected were from the "interior second floor wall" (Jury Trial Volume II, page 123 - lines 8 through 19) which is inconsistent with the incident report. He also clarifies (a couple times) his use of the word "interior" to mean the interior side/inside of the dwelling as opposed to the exterior side/outside of the dwelling (Jury Trial Volume III, page 9 - lines 14 and 15, page 10 - line 1).

The Dove interview states that he claims to have kicked over a container that held gasoline. This scenario is possible as it would introduce gasoline to the floor of the dwelling. This can be shown by the evidence collected from the floor (floor boards) being positive for gasoline.

Disposition of Items

The above item(s) will be retained at this facility pending further notice of disposition.



Dirk L. Hedglin
Forensic Chemist