

## Ohio Attorney General's Office Bureau of Criminal Investigation Investigative Report



2024-1837 Officer Involved Critical Incident - 223 Durling Dr., Wadsworth, Ohio 44281

**Investigative Activity:** BCI DNA Laboratory report

Involves: Shannon Sloan (S)

**Activity Date:** 09/06/2024

**Activity Location:** BCI Richfield

**Authoring Agent:** SA Jon Lieber #50

#### Narrative:

On Friday, September 06, 2024, Ohio Bureau of Criminal Investigation (BCI) Special Agent (SA) Jon Lieber (Lieber) received Ohio BCI Laboratory report(s) for items of evidence submitted on July 1, 2024, and August 12, 2024 for scientific analysis (laboratory case number 24-34703). The report originated from the DNA section of the laboratory and was authored by Forensic Scientist Samuel A. Troyer. The items relevant to this report which had previously been submitted were as follows:

- 1. One cardboard box containing firearm (SN XCD741) with cartridge and magazines recovered from the scene (lab item #7, Crime Scene item #7, Matrix item #007)
- 2. One manila envelope containing DNA standard from Shannon Sterling Sloan (lab item #25, Matrix item #037)

SA Lieber reviewed the laboratory report and noted the following:

Swabs taken from stain 1 from the backslide of the firearm (lab 7.1), stain 2 from the trigger guard (lab 7.2), stain 3 from the grip (lab 7.3), stain 4 from the magazine base (lab 7.4), and swab of trigger/interior trigger guard (avoiding stain) (lab 7.5) all resulted in a DNA profile consistent with Shannon Sloan. The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion unrelated individuals.

Swabs taken from the grip (avoiding stain) (lab 7.6), and swab of back slide (avoiding stain) (lab 7.7) contained a mixture with 1 major contributor. The major contributor was consistent with Shannon Sloan. The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion unrelated individuals.

A copy of the Ohio BCI Laboratory reports is attached to this investigative report. Please refer to the attachments for further details.

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## Ohio Attorney General's Office Bureau of Criminal Investigation Investigative Report



2024-1837 Officer Involved Critical Incident - 223 Durling Dr., Wadsworth, Ohio 44281

## **References:**

None

## **Attachments:**

- 1. 2024-08-05 BCI DNA Laboratory report 24-34703-3
- 2. 2024-09-06 BCI DNA Laboratory report 24-34703-5

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Bureau of Criminal Investigation

Laboratory Report

DNA

To: Ohio Attorney General's Office BCI Laboratory Number: 24-34703

Jonathan Ross Lieber

30 E. Broad Street Analysis Date: Issue Date: Columbus, OH 43215 July 02, 2024 August 05, 2024

Agency Case Number: 2024-1837

BCI Agent: Michael Rostocil

Offense: Shooting Involving an Officer

Subject(s): Victim(s):

## Submitted on July 01, 2024 by Eric Trent Lehnhart

7. One cardboard box containing firearm (SSN XCD741) with cartridge and magazines recovered from the scene

Item	Conclusions
7 Firearm (SSN XCD741) with cartridge and magazines recovered from the scene	Presumptive positive for blood
7.1 Swab of stain 1 (backslide)	Unknown male – sufficient for comparison
7.2 Swab of stain 2 (trigger guard)	Same unknown male – sufficient for comparison
7.3 Swab of stain 3 (grip)	Same unknown male – sufficient for comparison
7.4 Swab of stain 4 (magazine base)	Same unknown male – sufficient for comparison
7.5 Swab of trigger/interior trigger guard (avoiding stain)	Same unknown male – sufficient for comparison

Please address inquiries to the office indicated, using the BCI case number.

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Item	Conclusions
7.6 Swab of grip (avoiding stain)	Mixture (1 major contributor) Major:  • Same unknown male – sufficient for comparison
	The remainder of this mixture contains DNA that is not of sufficient quality for comparison to a standard from any individual.
7.7 Swab of back slide (avoiding stain)	Mixture (1 major contributor) Major:
	Same unknown male – sufficient for comparison
	The remainder of this mixture contains DNA that is not of sufficient quality for comparison to a standard from any individual.
7.8 Swab of buttons/levers	No DNA analysis
7.9 Swab of front sight area	No DNA analysis
7.10 Swab of magazine 1 body	No DNA analysis
7.11 Swab of cartridges from magazine 1 (13 total)	No DNA analysis
7.12 Swab of magazine 2 base	No DNA analysis
7.13 Swab of magazine 2 body	No DNA analysis
7.14 Swab of cartridges from magazine 2 (12 total)	No DNA analysis
7.15 Swab of magazine 3 base	No DNA analysis
7.16 Swab of magazine 3 body	No DNA analysis

Lab Case: 24-34703 Issue Date: August 05, 2024 Agency Case: 2024-1837

Item	Conclusions
7.17 Swab of cartridges from magazine 3 (12 total)	No DNA analysis
7.18 Swab of extra cartridge	No DNA analysis

#### Remarks

Item 7.1, Item 7.2, Item 7.3, Item 7.4, Item 7.5, Item 7.6 and Item 7.7 were consumed during analysis. Additional sample from the other items is available should independent analysis be requested. All remaining items will be returned to the submitting agency. The remaining DNA extracts will be retained by the laboratory.

The forensic DNA profiles developed were not suitable for CODIS entry.

DNA comparisons can be made upon submission of a reference standard consisting of two oral swabs from Shannon Sloan.

### **Analytical Detail**

Presumptive analysis for blood was performed using chemical testing.

DNA profiling was performed using PCR with the GlobalFiler® STR kit on samples from Item 7.

Samuel A. Troyer Forensic Scientist (234) 400-3710

Samuel.Troyer@OhioAGO.gov

Santuel. Hoyel @OliloAGO.;

Based on visual examination and scientific analyses performed, this report contains opinions and interpretations by the analyst whose signature appears above. Examination documentation and any demonstrative data supporting laboratory conclusions are maintained by BCI and will be made available for review upon request. Results relate only to the items tested.

Your feedback is important to us! Please complete our Laboratory Satisfaction Survey at: <a href="https://www.surveymonkey.com/r/Q9VQHL5">https://www.surveymonkey.com/r/Q9VQHL5</a>

24-34703 August 05, 2024 2024-1837

# Samuel A. Troyer Statement of Qualifications Samuel.Troyer@OhioAGO.gov

#### Education

- Master of Science in Biology. December 2011. University of Akron. Akron, Ohio
- Bachelor of Science in Biology. May 2009. Walsh University. North Canton, Ohio

#### **Professional Experience**

Ohio Bureau of Criminal Investigation. Forensic Scientist. January 2012-present

#### **Required Technical Training**

- Ohio Bureau of Criminal Investigation. DNA Training. 2012-2013
  - Forensic Biology. December 2012
  - DNA Extraction. September 2012
  - DNA Interpretation (STR). August 2013

A complete CV can be made available upon request

Updated: 4/1/2024



Bureau of Criminal Investigation

Laboratory Report

DNA

Ohio Attorney General's Office BCI Laboratory Number: 24-34703

Jon Lieber

30 E. Broad Street Analysis Date: Issue Date: Columbus, OH 43215 August 20, 2024 August 27, 2024

Agency Case Number: 2024-1837

BCI Agent: Michael Rostocil

Offense: Shooting Involving an Officer

Subject(s): Victim(s):

To:

## Submitted on July 01, 2024 by Eric Trent Lehnhart

7. One cardboard box containing firearm (SN XCD741) with cartridge and magazines recovered from the scene

## Submitted on August 12, 2024 by Betsy Farris

25. One manila envelope containing DNA standard from Shannon Sterling Sloan

Item	Conclusions
7 Firearm (SSN XCD741) with cartridge and magazines recovered from the scene	Presumptive positive for blood
7.1 Swab of stain 1 (backslide)	DNA profile consistent with Shannon Sloan - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.
7.2 Swab of stain 2 (trigger guard)	DNA profile consistent with Shannon Sloan - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.

Please address inquiries to the office indicated, using the BCI case number.

Lab Case:	24-34703
Issue Date:	August 27, 2024
Agency Case:	2024-1837

Item	Conclusions
7.3 Swab of stain 3 (grip)	DNA profile consistent with Shannon Sloan - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.
7.4 Swab of stain 4 (magazine base)	DNA profile consistent with Shannon Sloan - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.
7.5 Swab of trigger/interior trigger guard (avoiding stain)	DNA profile consistent with Shannon Sloan - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.
7.6 Swab of grip (avoiding stain)	<ul> <li>Mixture (1 major contributor)</li> <li>Major – consistent with:         <ul> <li>Shannon Sloan – The estimated frequency of occurrence of the major DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.</li> </ul> </li> <li>The remainder of this mixture contains DNA that is not of sufficient quality for comparison to a standard from any individual.</li> </ul>
7.7 Swab of back slide (avoiding stain)	Mixture (1 major contributor) Major – consistent with:  • Shannon Sloan – The estimated frequency of occurrence of the major DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.  The remainder of this mixture contains DNA that is not of sufficient quality for comparison to a standard from any individual.
7.8 Swab of buttons/levers	No DNA analysis

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Item	Conclusions
7.9 Swab of front sight area	No DNA analysis
7.10 Swab of magazine 1 body	No DNA analysis
7.11 Swab of cartridges from magazine 1 (13 total)	No DNA analysis
7.12 Swab of magazine 2 base	No DNA analysis
7.13 Swab of magazine 2 body	No DNA analysis
7.14 Swab of cartridges from magazine 2 (12 total)	No DNA analysis
7.15 Swab of magazine 3 base	No DNA analysis
7.16 Swab of magazine 3 body	No DNA analysis
7.17 Swab of cartridges from magazine 3 (12 total)	No DNA analysis
7.18 Swab of extra cartridge	No DNA analysis
25 DNA standard from Shannon Sterling Sloan	Profile used for comparison purposes

<sup>^</sup> Based on the national database provided by the National Institute of Standards and Technology

### Remarks

Item 7.1, Item 7.2, Item 7.3, Item 7.4, Item 7.5, Item 7.6 and Item 7.7 were consumed during analysis. Additional sample from the other items is available should independent analysis be requested. All remaining items will be returned to the submitting agency. The remaining DNA extracts will be retained by the laboratory.

The forensic DNA profiles developed were not suitable for CODIS entry.

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## **Analytical Detail**

Presumptive analysis for blood was performed using chemical testing.

DNA profiling was performed using PCR with the GlobalFiler® STR kit on a sample from Item 25. This report is inclusive of results for all samples previously analyzed in the report(s) issued August 05, 2024.

Samuel A. Troyer Forensic Scientist (234) 400-3710

Samuel.Troyer@OhioAGO.gov

Based on visual examination and scientific analyses performed, this report contains opinions and interpretations by the analyst whose signature appears above. Examination documentation and any demonstrative data supporting laboratory conclusions are maintained by BCI and will be made available for review upon request. Results relate only to the items tested.

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24-34703 August 27, 2024 2024-1837

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