



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



2025-3298

Officer Involved Critical Incident - 4134 Rush Blvd.,
Youngstown, OH 44512, Mahoning County

Investigative Activity: DNA Lab Results
Involves: Arthur Mitchell (S)
Activity Date: 01/28/2026
Activity Location: BCI - Richfield
Authoring Agent: SA Darien Spann #158

Narrative:

On Wednesday, January 28, 2026, Ohio Bureau of Criminal Investigation (BCI) Special Agent (SA) Darien Spann (SA Spann) received Ohio BCI Laboratory report(s) for items of evidence submitted on December 15, 2025, for scientific analysis (laboratory case number 25-38045). The report originated from the DNA section of the laboratory and was authored by Forensic Scientist Andrea Harper. The items relevant to this report which had previously been submitted were as follows:

Submitted on October 16, 2025 by Betsy Turney

1. Envelope containing cartridge case recovered from the scene
2. Envelope containing cartridge case recovered from the scene
3. Envelope containing cartridge case recovered from the scene
4. Envelope containing cartridge case recovered from the scene
5. One cardboard box containing firearm (Serial #CCHV452) with magazine and cartridges recovered from the scene
6. One cardboard box containing firearm, Glock-19, 9mm Serial #BUBP497 with magazine with 29 cartridges, one in chamber recovered from attic
7. Envelope containing cartridge case recovered from the scene
8. Envelope containing cartridge case recovered from the scene
9. Envelope containing cartridge case recovered from the scene
10. Envelope containing cartridge case recovered from the scene
11. One cardboard box containing firearm (serial # unknown) magazine with cartridges recovered from the scene
12. Envelope containing cartridge case recovered from the scene
13. Envelope containing cartridge case recovered from the scene
14. Envelope containing cartridge case recovered from the scene
15. Envelope containing cartridge case recovered from the scene

Submitted on February 05, 2026 by Darien Spann

28. Envelope containing DNA blood card from Arthur Tyrone Mitchell

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SA Spann reviewed the laboratory report and noted the following:

Item	Conclusions
1.1 Swab from cartridge cases in Items 1 and 2 (2 total)	The DNA profile is not of sufficient quality for comparison due to insufficient data.
2 Cartridge case recovered from the scene	See Item 1.1
3.1 Swab from cartridge cases in Items 3, 4, 9, 10, 12, 13, 14, and 15 (8 total)	The DNA profile is not of sufficient quality for comparison due to insufficient data.
4 Cartridge case recovered from the scene	See Item 3.1
5 Firearm (Serial #CCHV452) with magazine and cartridges recovered from the scene	Presumptive positive for blood Trace debris present
5.1 Swabs from staining on firearm	DNA profile consistent with Arthur T. Mitchell - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.
5.2 Swab of trigger	Mixture (1 major contributor) Major – consistent with: Arthur T. Mitchell – 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.
5.3 Swab of grip	Mixture (1 major contributor) Major – consistent with: Arthur T. Mitchell – 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.
5.4 Swab of textured buttons	No DNA analysis
5.5 Swab of front sight area	No DNA analysis
5.6 Swab of base of magazine	No DNA analysis
5.7 Swab of body of magazine	Mixture (1 major contributor) Major – consistent with: Arthur T. Mitchell – 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.
5.8 Swab of cartridges	No DNA analysis
5.9 Trace debris with staining from firearm	Not examined
6 Firearm, Glock-19, 9mm Serial #BUBP497 with magazine with 29 cartridges, one in chamber, recovered from attic	Presumptive positive for blood
6.1 Swabs from staining on firearm	DNA profile consistent with Arthur T. Mitchell - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.

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6.2 Swab of trigger	DNA profile consistent with Arthur T. Mitchell - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion [^] unrelated individuals.
6.3 Swab of grip	Mixture (1 major contributor) Major – consistent with: Arthur T. Mitchell – 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.
6.4 Swab of back slide area	No DNA analysis
6.5 Swab of buttons and levers	No DNA analysis
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6.8 Swab of cartridges	No DNA analysis
6.9 Swab of cartridges	No DNA analysis
6.10 Swab of cartridges	No DNA analysis
7 Cartridge case recovered from the scene	Presumptive positive for blood Trace debris present
7.1 Swab of staining on cartridge case	DNA profile consistent with Arthur T. Mitchell - The estimated frequency of occurrence of the DNA profile is 1 in 1,000,000,000 [^] unrelated individuals.
7.2 Trace debris found on cartridge case	Not examined
8 Cartridge case recovered from the scene	Presumptive positive for blood Trace debris present
8.1 Swab of staining on cartridge case	DNA profile consistent with Arthur T. Mitchell - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion [^] unrelated individuals.
8.2 Trace debris found on cartridge case	Not examined
9 Cartridge case recovered from the scene	See Item 3.1
10 Cartridge case recovered from the scene	See Item 3.1
11 Firearm (serial # unknown) magazine with cartridges recovered from the scene	
11.1 Swab of trigger/interior of trigger guard	The DNA profile is not of sufficient quality for comparison due to the number of contributors.

Conclusion:

The swabs taken of the trigger, grip, magazine, and some of the cartridges contained a DNA profile consistent with Arthur T. Mitchell.

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

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References:

None

Attachments:

1. Mitchell DNA Results

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DAVE YOST

OHIO ATTORNEY GENERAL

Bureau of Criminal Investigation

**Laboratory Report
DNA**

To: BCI / Richfield
Darien Spann
4055 Highlander Parkway
Richfield, OH 44286

BCI Laboratory Number: 25-38045

Analysis Date: February 09, 2026

Issue Date: February 13, 2026

Agency Case Number: 2025-3298

BCI Agent: Bernard Doran

Offense: Shooting Involving an Officer

Subject(s):

Victim(s):

Submitted on October 16, 2025 by Betsy Turney

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Submitted on February 05, 2026 by Darien Spann

28. Envelope containing DNA blood card from Arthur Tyrone Mitchell

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

[] BCI -Bowling Green Office
750 North College Drive
Bowling Green, OH 43402
Phone:(419)353-5603

[] BCI -London Office
1560 St Rt 56 SW P.O. Box 365
London, OH 43140
Phone:(740)845-2000

[X] BCI -Richfield Office
4055 Highlander Pkwy, Suite A
Richfield, OH 44286
Phone:(330)659-4600

Item	Conclusions
1.1 Swab from cartridge cases in Items 1 and 2 (2 total)	The DNA profile is not of sufficient quality for comparison due to insufficient data.
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11.3 Swab of back slide area	No DNA analysis
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11.6 Swab of base of magazine	No DNA analysis
11.7 Swab of body of magazine	The DNA profile is not of sufficient quality for comparison due to the number of contributors.
11.8 Swab of cartridges	No DNA analysis
12 Cartridge case recovered from the scene	See Item 3.1
13 Cartridge case recovered from the scene	See Item 3.1
14 Cartridge case recovered from the scene	See Item 3.1
15 Cartridge case recovered from the scene	See Item 3.1
28 DNA blood card from Arthur Tyrone Mitchell	Profile used for comparison purposes

^ Based on the national database provided by the National Institute of Standards and Technology

Remarks

Item 1.1, Item 3.1, Item 5.2, Item 5.3, Item 5.7, Item 6.2, Item 6.3, Item 6.7, Item 11.1, Item 11.2 and Item 11.7 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 eligible DNA profile (Item 28) has been entered into the CODIS database in accordance with state and national regulations, where regular searches will be performed. If investigative information becomes available or a profile is removed from CODIS, your agency will be notified.

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 28. The additional samples listed above were previously analyzed. See report issued November 17, 2025.



Andrea E. Harper
Forensic Scientist
(234) 400-3688
Andrea.Harper@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.

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

Andrea E. Harper
Statement of Qualifications
andrea.harper@ohioAGO.gov

Education

- Bachelor of Science in Microbiology. June 2007. The Ohio State University. Columbus, Ohio
- Bachelor of Science in Medical Technology. June 2007. The Ohio State University. Columbus, Ohio

Professional Experience

- Virginia Division of Consolidated Laboratory Services. Molecular Detection and Characterization Laboratory Training Fellow. 2007-2009
- Virginia Commonwealth University Medical Center. Medical Technologist II. 2009-2010
- Summa Barberton Hospital. Medical Technologist. 2010-2011
- Ohio Bureau of Criminal Investigation. Forensic Scientist. 2011-present

Required Technical Training

- Ohio Bureau of Criminal Investigation. DNA Training.
 - a. Forensic Biology. 2011-2012
 - b. DNA Extraction. 2012
 - c. DNA Interpretation (STR). 2012-2013
 - d. DNA Interpretation (Y-STR). 2021
- West Virginia University. Hair Evaluation for DNA Analysis. 2012
- National Institute of Justice. Forensic DNA Analysis. 2012

A complete CV can be made available upon request

Updated: 05/28/2024