



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



2024-3294

Officer Involved Critical Incident - Portage Hike and Bike  
Trail near North Freedom Street, Ravenna, Ohio 44266

**Investigative Activity:** Review of Lab Report - DNA  
**Involves:** BCI Lab (O)  
**Activity Date:** 12/20/2024  
**Activity Location:** BCI - Richfield  
**Authoring Agent:** SA Allison Fletcher

**Narrative:**

On Friday, December 20, 2024, Ohio Bureau of Criminal Investigation (BCI) Special Agent (SA) Allison Fletcher received Ohio BCI Laboratory report(s) for items of evidence submitted on October 23, 2024 for scientific analysis (laboratory case number 24-376-23). The report originated from the DNA section of the laboratory and was authored by Forensic Scientist Angela Khrestian. The items relevant to this report which had previously been submitted were as follows:

Matrix Item #	Lab Item #	Description
2	1	Knife - with suspected bodily fluid recovered from the scene
15	13	Axe - with suspected bodily fluid recovered from the scene
19	14	Swab of suspected bodily fluid recovered from scene
20	15	DNA standard from Larry Burghy (stabbing victim)
25	27	Blood card from Matthew Fries

SA Fletcher reviewed the laboratory report and noted the following:

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Matrix Item / Lab Item #	Conclusions
2(1.1) - Swab of stain on blade of knife	Presumptive positive for blood; DNA profile consistent with Matthew Fries - Larry Burghy excluded
2(1.2) - Swab of handle of knife	DNA profile consistent with Matthew Fries - Larry Burghy excluded
2(1.3) - Swab of blade cover for knife	Mixture (1 major contributor); Major contributor consistent with DNA profile of Matthew Fries; Larry Burghy not the major contributor
15(13) - Swab of stain on blade of axe	Presumptive positive for blood; DNA profile consistent with Matthew Fries; Larry Burghy excluded
15(13.2) - Swab of stain on handle of axe	Presumptive positive for blood; DNA profile consistent with Matthew Fries; Larry Burghy excluded
15(13.3) - Swab of entire handle of axe	DNA profile consistent with Matthew Fries; Larry Burghy excluded
19(14.1) - Swab of suspected bodily fluid recovered from scene	Presumptive positive for blood; DNA profile consistent with Larry Burghy; Matthew Fries excluded
20(15.1) - DNA standard from Larry Burghy	Profile used for comparison purposes
25(27) - DNA standard from Matthew Fries	Profile used for comparison purposes

The DNA profile consistent with Matthew Fries (Fries) was located on the handle of the knife and the axe. Larry Burghy's (Burghy) DNA profile was excluded from the handles of those items. This finding was consistent with reports that Fries was holding the knife and axe in his hands.

The blood located on the blade of the knife and the blood located at the scene (homeless encampment) that matched the DNA profile of Burghy was also consistent with reports that Fries had stabbed Burghy multiple times.

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. 24-37623 DNA

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# DAVE YOST

OHIO ATTORNEY GENERAL

## Bureau of Criminal Investigation

## Laboratory Report DNA

To: BCI / Richfield  
Allison Fletcher  
4055 Highlander Parkway  
Richfield, OH 44286

BCI Laboratory Number: 24-37623

Analysis Date: November 12, 2024

Issue Date: December 13, 2024

Agency Case Number: 2024-3294

BCI Agent: Dan Boerner

Offense: Shooting Involving an Officer

Subject(s):

Victim(s): Larry Burghy

### Submitted on October 23, 2024 by Betsy Farris

1. One cardboard box containing knife with suspected bodily fluid recovered from the scene (Matrix CS Item 2)
13. One cardboard box containing axe (Matrix CS Item 15) with suspected bodily fluid recovered from the scene
14. Envelope containing swab of suspected bodily fluid recovered from the scene (Matrix CS Item 19)
15. Envelope containing DNA standard from Larry Burghy (Matrix CS Item 020)

### Submitted on October 31, 2024 by Betsy Farris

27. One manila envelope containing blood card from Matthew Fries

Item	Conclusions
1.1 Swab of stain on blade of knife	Presumptive positive for blood  DNA profile consistent with Matthew Fries - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.  Larry Burghy – excluded

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
1.2 Swab of handle of knife	<p>DNA profile consistent with Matthew Fries - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.</p> <p>Larry Burghy – excluded</p>
1.3 Swab of blade cover for knife	<p>Mixture (1 major contributor) Major – consistent with:</p> <ul style="list-style-type: none"> <li>Matthew Fries – The estimated frequency of occurrence of the major DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.</li> </ul> <p>Larry Burghy – not the major contributor</p> <p>The remainder of this mixture contains DNA that is not of sufficient quality for comparison to a standard from any individual.</p>
13.1 Swab of stain on blade of axe	<p>Presumptive positive for blood</p> <p>DNA profile consistent with Matthew Fries - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.</p> <p>Larry Burghy – excluded</p>
13.2 Swab of stain on handle of axe	<p>Presumptive positive for blood</p> <p>DNA profile consistent with Matthew Fries - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.</p> <p>Larry Burghy – excluded</p>
13.3 Swab of entire handle of axe	<p>DNA profile consistent with Matthew Fries - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.</p> <p>Larry Burghy – excluded</p>

Item	Conclusions
14.1 Swab of suspected bodily fluid recovered from the scene	Presumptive positive for blood  DNA profile consistent with Larry Burghy - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.  Matthew Fries – excluded
15.1 DNA standard from Larry Burghy	Profile used for comparison purposes
27.1 DNA standard from Matthew Fries	Profile used for comparison purposes

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

### **Remarks**

Additional sample from each item 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 27.1) 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 samples from Item 1, Item 13, Item 14, Item 15 and Item 27.



Angela N. Khrestian  
Forensic Scientist  
(234) 400-3698  
Angela.Khrestian@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>

**Angela N. Khrestian**  
Statement of Qualifications  
angela.khrestian@OhioAGO.gov

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**Education**

- Introduction to Biochemistry. November 2016. UC San Diego Extension. La Jolla, California
- Graduate Certificate in Forensic Serology and DNA. May 2014. University of Florida. Gainesville, Florida
- Bachelor of Arts in Biology. May 2013. Case Western Reserve University. Cleveland, Ohio

**Professional Experience**

- Ohio Bureau of Criminal Investigation. Local CODIS Alternate Administrator. 2023-present
- Ohio Bureau of Criminal Investigation. Forensic Scientist. 2013-present

**Selected Specialized Training**

- Federal Bureau of Investigation. CODIS 11.0 Required Training Curriculum. 2023
- Federal Bureau of Investigation. Quality Assurance Standards Auditor Assessment. 2020
- Ohio Bureau of Criminal Investigation. DNA Analysis. 2019
- Ohio Bureau of Criminal Investigation. Forensic Biology. 2014
- Ohio Bureau of Criminal Investigation. DNA Extraction. 2014
- West Virginia University. Hair Evaluation for DNA Analysis. 2013
- Ohio Bureau of Criminal Investigation. SAK Initiative Forensic Biology. 2013

*A complete CV can be made available upon request*

*Updated: 4-04-2024*