

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



2024-3564 Officer Involved Critical Incident - 5050 Eastpointe Drive, Medina, Ohio 44256, Medina County

Investigative Activity:	Review of Lab Reports
Involves:	BCI Lab (O)
Activity Date:	12/23/2024
Activity Location:	BCI - Richfield
Authoring Agent:	SA Allison Fletcher

Narrative:

On Friday, December 06, 2024, Ohio Bureau of Criminal Investigation (BCI) Special Agent (SA) Jesse Bynum (Bynum) received Ohio BCI Laboratory report(s) for items of evidence submitted on November 14, 2024 for scientific analysis (laboratory case number 24-38142). The report originated from the firearms and DNA sections of the laboratory and was authored by Forensic Scientists Michael Roberts and Brittani Troyer. A NIBIN testing report was completed by Forensic Science Lab Tech Patrick Murphy. The items relevant to this report which had previously been submitted were as follows:

Matrix Item/ Lab Item #	Description
Matrix Item 4/ Lab Item 3	9mm Firearm - Smith and Wesson 9mm Luger pistol, serial # HLN5815
Matrix Item 5/ Lab Item 4	Cartridge casing
Matrix Item 7/Lab item 5	Cartridge casing
Matrix Item 10/Lab Item 6	Firearm - Smith and Wesson 5.56 x 45mm rifle, serial #TT93874
Matrix Item 15/ Lab Item 7	Blood standard card of Charles Alexander

The items listed above were all the items submitted to the lab for testing. It should be noted that not all items were tested within each section of the lab. Only the items relevant to each unique section of the lab were tested and analyzed. The summary below will indicate which items were tested by each section.



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SA Allison Fletcher (Fletcher) reviewed the laboratory reports and noted the following:

Firearms - Operability

Item Description	Comparison	Conclusion
Item #3 (Matrix Item #4): One (1) Smith and Wesson 9mm Luger Pistol	N/A	Operable
Item #6 (Matrix Item #10): One (1) Smith and Wesson 5.56 x 45mm rifle	N/A	Operable

Firearms - Outsourced NIBIN Cases

The items submitted for testing were:

- Lab Item #3 Matrix Item #4: One (1) Smith and Wesson 9mm Luger Pistol
- Lab Item #4 Matrix Item #5: Cartridge casing
- Lab Item #5 Matrix Item #7: Cartridge casing
- Lab Item #6 Matrix Item # 10: One (1) Smith and Wesson 5.56 x 45mm rifle

All items were examined and Items #3 and #6 were entered and searched in the NIBIN database. There were no investigatory leads produced from the analysis at the time of this report.

DNA

Item Description	Conclusions
Item #3 (Matrix Item #4): Firearm - Smith and Wesson 9mm Luger pistol, serial # HLN5815	Presumptive positive for blood
Item #3.1 - Swab of trigger/interior of trigger guard	DNA profile consistent with Charles Alexander





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Item #3.2 - Swab of grip	DNA profile consistent with Charles Alexander
Item #3.3 - Swab of back slide area	Mixture (1 major contributor) - Major contributor consistent with DNA profile of Charles Alexander
Item #3.4 - Swab of textured buttons	No DNA analysis
Item #3.5 - Swab of front sight area and laser sight attachment	No DNA analysis
Item #3.6 - Swab of base of magazine	No DNA analysis
Item #3.7 - Swab of body of magazine	No DNA analysis
Item #3.8 - Swab of five (5) 9mm cartridges	No DNA analysis
Item #3.9 - Swab of stain on top of back slide	DNA profile consistent with Charles Alexander
Item #3.10 - Swab of stain on top of back slide	DNA profile consistent with Charles Alexander
Item #4 (Matrix Item #5) - Cartridge casing	
Item #4.1 - Swab of one (1) 9mm cartridge case	DNA profile is not of sufficient quality for comparison due to insufficient data
Item #5 (Matrix Item #7)- Cartridge casing	
Item #5.1 - Swab of one (1) 9mm cartridge case	DNA profile consistent with Charles Alexander
Item #6 (Matrix Item #10) - Firearm - Smith and Wesson 5.56 x 45mm rifle, serial #TT93874	

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Item #6.1 - Swab of trigger/interior of trigger guard	Mixture (1 major contributor) - Major contributor consistent with DNA profile of Charles Alexander
Item #6.2 - Swab of grip	Mixture (1 major contributor) - Major contributor consistent with DNA profile of Charles Alexander
Item #6.3 - Swab of forend	Mixture (1 major contributor) - Major contributor consistent with DNA profile of Charles Alexander
Item #6.4 - Swab of textured buttons/levers	No DNA analysis
Item #6.5 - Swab of barrel	No DNA analysis
Item #6.6 - Swab of stock	No DNA analysis
Item #6.7 - Swab of entire magazine	No DNA analysis
Item #6.8 Swab of eight (8) 223 cartridges	No DNA analysis
Item #6.9 - Swab of scope	No DNA analysis
Item #7 (Matrix Item #15) - DNA standard from Charles Alexander	
Item #7.1 - DNA standard from Charles Alexander	Profile used for comparison purposes

According to the lab report, a DNA profile matching Charles Alexander (Alexander) was located on the Smith and Wesson 9mm pistol, serial #HLN5815 (Matrix Evidence Item #4), one of the recovered cartridge casings (Matrix Evidence Item #7), and the Smith and Wesson rifle, serial #TT93874 (Matrix Evidence Item #10).

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





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References:

None

Attachments:

- 1. Lab Results Operability 24-38142
- 2. Lab Results NIBIN 24-38142-2
- 3. Lab Results DNA 24-38142-3





Laboratory Report Operability

То:	BCI / Richfield Jesse Bynum	BCI Laboratory Number:	24-38142
	4055 Highlander Parkway Richfield, OH 44286	Analysis Date: November 18, 2024	Issue Date: November 21, 2024
		Agency Case Number: BCI Agent:	2024-3564 Laurna McClintock
Offense: Subject(s): Victim(s):	Shooting Involving an Officer		
	Oaklynn Alexander		

Submitted on 11/14/2024 by Betsy Farris

- 3. One cardboard box containing firearm (CSU & Matrix Item 004) (Serial #HLN5815) cartridge and magazine recovered from the scene
 - One (1) Smith & Wesson 9mm Luger semi-automatic pistol, model M&P9 Shield, serial number HLN5815, one (1) magazine and five (5) cartridges.
- 6. One cardboard box containing firearm (CSU Matrix Item 010) (Serial #TT93874) with cartridge and magazine recovered from the scene
 - One (1) Smith & Wesson 5.56 x 45mm semi-automatic rifle, model M&P-15, serial number TT93874, one (1) magazine and eight (8) cartridges.

Findings

Item Description	Comparison	Conclusion
Item #3: One (1) Smith		
& Wesson 9mm Luger	N/A	Operable
pistol		

Item Description	Comparison	Conclusion
Item #6: One (1) Smith		
& Wesson 5.56 x	N/A	Operable
45mm rifle		

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

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Remarks

Two (2) BCI supplied cartridges were used for testing in each firearm, Items #3 and 6.

There were no pertinent findings regarding the submitted cartridges.

All evidence will be returned to the submitting agency upon completion of the full analysis.

Analytical Detail

Analytical findings offered above were determined using visual and physical examinations.

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Michael E. Roberts Forensic Scientist (234) 400-3652 michael.roberts@OhioAGO.gov

Based on 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: <u>https://www.surveymonkey.com/r/Q9VQHL5</u>

Lab Case: Issue Date: Agency Case: 24-38142 November 21, 2024 2024-3564

Comparison Conclusion Scale

The following lists the conclusions a Forensic Scientist may reach when performing comparisons. In reaching a conclusion, a Forensic Scientist considers the similarities and dissimilarities and assesses the relative support of the observations under the following two propositions: the evidence originated from the same source or from a different source.

A Forensic Scientist may utilize their knowledge, training, and experience to evaluate how much support the observed similarities or dissimilarities provide for one conclusion over another. A conclusion shall not be communicated with absolute certainty. It is an interpretation of observations made by the Forensic Scientists and shall be expressed as an expert opinion.

1	Source Identification	The observations provide extremely strong support for the proposition that the evidence originated from the same source and the likelihood for the proposition that the evidence arose from a different source is so remote as to be considered a practical impossibility.
2	Support for Same Source	The observations provide more support for the proposition that the evidence originated from the same source rather than different sources; however, there is insufficient support for a Source Identification. The degree of support may range from limited to strong or similar descriptors of the degree of support. Any use of this conclusion shall include a statement of the factor(s) limiting a stronger conclusion.
3	Inconclusive	The observations do not provide a sufficient degree of support for one proposition over the other. Any use of this conclusion shall include a statement of the factor(s) limiting a stronger conclusion.
4	Support for Different Source	The observations provide more support for the proposition that the evidence originated from different sources rather than the same source; however, there is insufficient support for a Source Exclusion. The degree of support may range from limited to strong or similar descriptors of the degree of support. Any use of this conclusion shall include a statement of the factor(s) limiting a stronger conclusion.
5	Source Exclusion	The observations provide extremely strong support for the proposition that the evidence originated from a different source and the likelihood for the proposition that the evidence arose from the same source is so remote as to be considered a practical impossibility; or the evidence exhibits fundamentally different characteristics

We invite you to direct your questions to:

Abby Schwaderer, Quality Assurance Manager (740) 845-2517 <u>abby.schwaderer@ohioattorneygeneral.gov</u>

24-38142 November 21, 2024 2024-3564

Michael E. Roberts Statement of Qualifications

Michael.Roberts@ohioattorneygeneral.gov

Education

Bachelor's degree in Biology. December 1990. Berea College. Berea, Kentucky

Professional Experience

- Ohio Bureau of Criminal Investigation. Forensic Scientist. June 1992-present.
- Selected Specialized Training
- Ohio Bureau of Criminal Investigation. Firearm Examiner Training. 1992

A complete CV can be made available upon request

Updated:4-01-2024



Bureau of Criminal Investigation

Laboratory Report Outsourced NIBIN Cases

To:	BCI / Richfield Jesse Bynum	BCI Laboratory Number:	24-38142
	4055 Highlander Parkway Richfield, OH 44286	Analysis Date: November 18, 2024	Issue Date: November 19, 2024
		Agency Case Number: BCI Agent:	2024-3564 Laurna McClintock
Offense: Subject(s):	Shooting Involving an Officer N/A		

Victim(s): N/A

Submitted on 11/14/2024 by Betsy Farris

- 3. One cardboard box containing firearm (CSU & Matrix Item 004) (Serial #HLN5815) cartridge and magazine recovered from the scene
 - Also containing ONE (1) magazine and FIVE (5) 9mm Luger cartridges Exhibit Number: BCI 3T1/3T2
- 4. Envelope containing cartridge case recovered from the scene (CSU & Matrix Item 005) - *Exhibit Number: BCI 4N1*
- 5. Envelope containing cartridge case recovered from the scene (CSU & Matrix Item 007) - Exhibit Number: BCI 5N1
- 6. One cardboard box containing firearm (CSU Matrix Item 010) (Serial #TT93874) with cartridge and magazine recovered from the scene
 - Also containing ONE (1) magazine, and EIGHT (8) 5.56 cartridges Exhibit Number: BCI 6T1/6T2

A triage of the submitted firearms evidence was performed. This process includes assessing cartridge case(s) and test fires to determine the best representative sample from those having similar firearm produced markings for NIBIN entry. This is not, nor should it be, interpreted as a comparative

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examination to the fired cartridge case(s) or as to determine how many firearms may have been responsible for firing the cartridge case(s).

Cartridge case(s), Exhibit Number: BCI 3T1 and 6T1 were entered and searched in the NIBIN database.

A correlation review was performed by the ATF NIBIN National Correlation and Training Center (NNCTC). No NIBIN lead was generated for both exhibits. The results are referenced in the attached report. If investigative information becomes available, your agency will be notified.

The magazines and cartridges for both Items 3 and 6 were not examined.

All evidence will be returned to the submitting agency upon completion of the full analysis.

Lab Case: Issue Date: Agency Case: 24-38142 November 19, 2024 2024-3564

Patrick Murphy Forensic Science Lab Tech (234) 400-3664 Patrick.Murphy@OhioAGO.gov

Based on 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.

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

24-38142 November 19, 2024 2024-3564

Patrick Murphy Statement of Qualifications Patrick.Murphy@ohioago.gov

Professional Experience

- Ohio Bureau of Criminal Investigation Laboratory. Laboratory Technician. Sept 2022-Present
- Bureau of Alcohol, Tobacco, Firearms and Explosives. Task Force Officer. 2013-2016
- Phoenix Police Department. Police Officer. 1998-2016

Required Technical Training

- Bureau of Alcohol, Tobacco, Firearms and Explosives. NIBIN Authorized Trainer. Aug 2023
- Ohio Bureau of Criminal Investigations, Lab Technician Training. Feb 2023
- Bureau of Alcohol, Tobacco, Firearms and Explosives. Correlation Review. Feb 2023
- Bureau of Alcohol, Tobacco, Firearms and Explosives. Triage/Acquisition. Oct 2022

A complete CV can be made available upon request

Updated 03/27/2024



Bureau of Criminal Investigation

Laboratory Report DNA

To:	BCI / Richfield Jesse Bynum	BCI Laboratory Number:	24-38142
	4055 Highlander Parkway	Analysis Date:	Issue Date:
	Richfield, OH 44286	November 15, 2024	December 06, 2024
		Agency Case Number: BCI Agent:	2024-3564 Laurna McClintock
Offense: Subject(s):	Shooting Involving an Officer		
Victim(s):	Oaklynn Alexander		

Submitted on November 14, 2024 by Betsy Farris

- 3. One cardboard box containing firearm (CSU & Matrix Item 004) (Serial #HLN5815) cartridge and magazine recovered from the scene
- 4. Envelope containing cartridge casing recovered from the scene (CSU & Matrix Item 005)
- 5. Envelope containing cartridge casing recovered from the scene (CSU & Matrix Item 007)
- 6. One cardboard box containing firearm (CSU Matrix Item 010) (Serial #TT93874) with cartridge and magazine recovered from the scene
- 7. Envelope containing blood standard card of Charles Alexander

Item	Conclusions
3 Firearm (CSU & Matrix Item 004) (Serial #HLN5815) cartridge and magazine recovered from the scene	Presumptive positive for blood
3.1 Swab of trigger/interior of trigger guard	DNA profile consistent with Charles Alexander - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.
3.2 Swab of grip	DNA profile consistent with Charles Alexander - 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.

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Ohio Bureau of Criminal Investigation BCI Richfield	Lab Case:24-38142Issue Date:December 06, 2024Agency Case:2024-3564
3.3 Swab of back slide area	 Mixture (1 major contributor) Major – consistent with: Charles Alexander – 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.
3.4 Swab of textured buttons	No DNA analysis
3.5 Swab of front sight area and laser sight	No DNA analysis
attachment	-
3.6 Swab of base of magazine	No DNA analysis
3.7 Swab of body of magazine3.8 Swab of (5) 9mm cartridges	No DNA analysis No DNA analysis
3.9 Swab of stain on top of back slide	DNA profile consistent with Charles Alexander - The estimated frequency of occurrence of the DNA profile is rarer than 1 in 1 trillion^ unrelated individuals.
3.10 Swab of stain on top of back slide	No DNA analysis
 4 Cartridge case recovered from the scene (CSU & Matrix Item 005) 4.1 Swab of (1) 9mm cartridge case 5 Cartridge case recovered from the scene (CSU & Matrix Item 007) 	The DNA profile is not of sufficient quality for comparison due to insufficient data.
5.1 Swab of (1) 9mm cartridge case	DNA profile consistent with Charles Alexander - The estimated frequency of occurrence of the DNA profile is 1 in 20,000,000^ unrelated individuals.
6 Firearm (CSU Matrix Item 010) (Serial #TT93874) with cartridge and magazine recovered from the scene	
6.1 Swab of trigger/interior of trigger guard	 Mixture (1 major contributor) Major – consistent with: Charles Alexander – 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.
6.2 Swab of grip	 Mixture (1 major contributor) Major – consistent with: Charles Alexander – 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.

Ohio Bureau of Criminal Investigation BCI Richfield	Lab Case:24-38142Issue Date:December 06, 2024Agency Case:2024-3564
6.3 Swab of forend	 Mixture (1 major contributor) Major – consistent with: Charles Alexander – 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 textured buttons/levers	No DNA analysis
6.5 Swab of barrel	No DNA analysis
6.6 Swab of stock	No DNA analysis
6.7 Swab of entire magazine	No DNA analysis
6.8 Swab of (8) 223 cartridges	No DNA analysis
6.9 Swab of scope	No DNA analysis
7 DNA standard from Charles Alexander	
7.1 DNA standard from Charles Alexander	Profile used for comparison purposes

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

Remarks

Item 3.1, Item 3.2, Item 3.3, Item 4.1, Item 5.1, Item 6.1, Item 6.2 and Item 6.3 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 7.1) 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 3, Item 4, Item 5, Item 6 and Item 7.

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Brittani Troyer Forensic Scientist (234) 400-3690 Brittani.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.

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

24-38142 December 06, 2024 2024-3564

Brittani Troyer Statement of Qualifications Brittani.Troyer@OhioAGO.gov

Education

• Bachelor of Science in Biology. August 2008. Ohio Northern University. Ada, Ohio

Professional Experience

• Ohio Bureau of Criminal Investigation. Forensic Scientist DNA. October 2008-Present

Required Technical Training

- Ohio Bureau of Criminal Investigation. YSTR DNA Interpretation. 2021
- Ohio Bureau of Criminal Investigation. DNA Interpretation. 2019
- Ohio Bureau of Criminal Investigation. DNA Extraction. 2017
- Ohio Bureau of Criminal Investigation. Forensic Biology. 2008

A complete CV can be made available upon request

Updated: 4/10/24