



**STATE OF CONNECTICUT, DEPARTMENT OF PUBLIC SAFETY-
INVESTIGATION REPORT (DPS-302-E) (REVISED 2/3/06)**

Report #: 1200704597 - 00166546

Report Type: Initial Report: Prosecutors Report: Supplement: Re-open: Assist: Closing:

Attachments: Statements: Teletype: Photos: Sketchmap: Evidence: Other:

CFS NO 1200704597	INCIDENT DATE 12/14/2012	TIME 10:13	INCIDENT DATE 12/14/2012	TIME	PRIMARY OFFICER KEITH, KAROLINE A.	BADGE NO 0019	INVESTIGATING OFFICER RUP SIS, STEVEN A.	BADGE NO 1260
INCIDENT ADDRESS 00012 Dickinson Dr Dr/ Newtown 06482					APARTMENT NO	TOWN CD T097	TYPE OF EXCEPTIONAL CLEARANCE Not Applicable	CASE STATUS Pending

ACTION TAKEN:

On Monday, 29 July 2013, I received the three attached laboratory reports from the SPFL.

MAJOR CRIME TAB:

-00 166 521; Multimedia & Enhancement Section; DVD 'Car 18' - this report states that the evidence had been received along with this report, however, I did not receive this evidence. I contacted Forensic Science Examiner 1 Rachel M. MALONEY, who told me that Detective Alison PETERS from WDMC-Troop A had previously received this evidence.

-00166 522; DNA Section; Supplemental DNA Report 5.

-00 166 523; Criminalistics Forensic Biology Section Supplemental Report #2.

THE UNDERSIGNED, AN INVESTIGATOR HAVING BEEN DULY SWORN DEPOSES AND SAYS THAT: I AM THE WRITER OF THE ATTACHED POLICE REPORT PERTAINING TO THIS INCIDENT NUMBER. THAT THE INFORMATION CONTAINED THEREIN WAS SECURED AS A RESULT OF (1) MY PERSONAL OBSERVATION AND KNOWLEDGE; OR (2) INFORMATION RELAYED TO ME BY OTHER MEMBERS OF MY POLICE DEPARTMENT OR OF ANOTHER POLICE DEPARTMENT; OR (3) INFORMATION SECURED BY MYSELF OR ANOTHER MEMBER OF A POLICE DEPARTMENT FROM THE PERSON OR PERSONS NAMED OR IDENTIFIED THEREIN, AS INDICATED IN THE ATTACHED REPORT. THAT THE REPORT IS AN ACCURATE STATEMENT OF THE INFORMATION SO RECEIVED BY ME.				
INVESTIGATOR SIGNATURE: /TFC STEVEN A RUP SIS/	INVESTIGATOR I.D.#: 1260	REPORT DATE: 12/02/2013 10:21 am 05746	SUPERVISOR SIGNATURE /SGT JEFFREY T COVELLO/	SUPERVISOR I.D.#: 0167

DEC 02 2013



STATE OF CONNECTICUT
DEPARTMENT OF
EMERGENCY SERVICES AND PUBLIC PROTECTION
DIVISION OF SCIENTIFIC SERVICES



Guy M. Vallaro, Ph.D.
Director

CRIMINALISTICS
FORENSIC BIOLOGY SECTION
SUPPLEMENTAL REPORT #2

LABORATORY CASE #: ID-12-002105
SUBMITTING AGENCY: CSP - Western District Major Crime Squad
452-B Bantam Road
Litchfield, CT 06759
AGENCY CASE #: CFS1200704597
TOWN OF INCIDENT: Newtown
DATE OF REQUEST: 03/28/2013
DATE OF REPORT: 07/09/2013
REPORT TO: Commanding Officer

EVIDENCE EXAMINED:

For a complete list of evidence previously examined and the results of examination, please refer to the Forensic Biology Reports dated 01/07/2013 and 01/25/2013.

- 51. 5.56 X 45 S&B cartridge (#9)
- 52. 5.56 X 45 S&B cartridge (#10)
- 53. 5.56 X 45 S&B cartridge (#11)
- 54. 5.56 X 45 S&B cartridge (#12)
- 55. Two (2) black 5.56 magazines taped together (#18)
- 56. Glock 10mm handgun, round, magazine with rounds (#19)
 - 56-1. Glock handgun
 - 56-2. Chambered cartridge
 - 56-3. Magazine
 - 56-4. Cartridges
- 57. Sig Sauer 9mm handgun, magazine and rounds (#20)
 - 57-1. 9mm handgun
 - 57-2. Magazine
 - 57-3. Cartridges
- 58. 10mm Auto cartridge (#22WD)
- 59. 10mm Auto cartridge (#23)

EVIDENCE EXAMINED CONTINUED:

60. 10mm Auto cartridge (#24)
61. 10mm Auto cartridge (#25)
63. 5.56 X 45 S&B cartridge (#34)
67. 5.56 X 45 S&B cartridge (#40)
68. Two Sig Sauer magazines with rounds and one Plus 2 magazine with rounds (#41)
 - 68-1. Magazine
 - 68-2. Cartridges from magazine #68-1
 - 68-3. Magazine
 - 68-4. Cartridges from magazine #68-3
 - 68-5. Mec-Gar magazine
 - 68-6. Cartridges from magazine #68-5
69. One black PMAG 5.56 magazine with rounds (#42)
 - 69-1. Magazine
 - 69-2. Cartridges
70. Two Glock magazines with rounds (#43)
 - 70-1. Magazine
 - 70-2. Cartridges from #70-1
 - 70-3. Magazine
 - 70-4. Cartridges from #70-3
71. Two Glock 10 mm magazines with rounds (#44)
 - 71-1. Magazine
 - 71-2. Cartridges from #71-1
 - 71-3. Magazine
 - 71-4. Cartridges from #71-3
72. Two Sig Sauer magazines with cartridges and one Glock magazine with cartridges (#45)
 - 72-1. Sig Sauer magazine
 - 72-2. Cartridges from #72-1
 - 72-3. Sig Sauer magazine
 - 72-4. Cartridges from #72-3
 - 72-5. Glock magazine
 - 72-6. Cartridges from #72-5
73. Two (2) black PMAG 5.56 magazines with cartridges (#46)
74. Three PMAG magazines, two with cartridges (#47)
 - 74-1. PMAG magazine
 - 74-2. Cartridges from #74-1
 - 74-3. PMAG magazine
 - 74-4. Cartridges from #74-3
 - 74-5. Empty PMAG magazine
75. 5.56 X 45 cartridge (#48)

EVIDENCE EXAMINED CONTINUED:

- 107. 5.56 X 45 S&B cartridges (#503)
- 108. 12 gauge shotgun, magazines and shotgun shells (#505)
 - 108-1. Shotgun
 - 108-2. Magazine
 - 108-3. Shotgun shells from 108-2
 - 108-4. Magazine
 - 108-5. Shotgun shells from 108-4
- 110. C Sport zippered sweatshirt (#500)
- 111. C Sport zippered sweatshirt (#501)

EXAMINATION METHOD:

All examinations were conducted macroscopically unless otherwise noted. Serological results reflect the analysis of a portion of the sample tested.

RESULTS OF EXAMINATION:

- 1. Submissions #51, #52, #53, #54, #63, #67, #75 and #107 each consisted of one (1) 5.56 X 45 S&B cartridge.

Samples (#51-S1, #52-S1, #53-S1, #54-S1, #63-S1, #67-S1, #75-S1 and #107-S1) were collected from these cartridges for DNA analysis.
- 2. Submission #55 consisted of two (2) 5.56 X 45 PMAG 30 magazines taped together with gray duct tape.
 - A. Numerous reddish-brown stains were noted on these magazines and duct tape.
 - 1) The stains tested gave positive results with a screening test for the presence of blood.
 - 2) No further serological testing was conducted on these stains at this time.
 - B. A sample (#55-S1) was collected from unstained areas of these magazines for DNA analysis.
 - C. Tissue with hair-like fibers (#55-S2) was collected from this submission.
- 3. Submission #56 consisted of items #56-1 (Glock handgun), #56-2 (chambered cartridge), #56-3 (magazine) and #56-4 (cartridges).
 - A. Item #56-1 consisted of a 10mm Glock Model 20 handgun with the serial number SMA461.
 - 1) Samples were collected from the handle (#56-1S1), slide's grip area (#56-1S2) and trigger (#56-1S3) of this handgun for DNA analysis.

**RESULTS OF
EXAMINATION
CONTINUED:**

3.
 - 2) Hair-like fibers (#56-1S4) were removed from the front of the barrel and front sight area.
 - 3) Reddish-brown stains located on the muzzle area of the barrel gave a positive result with a screening test for the presence of blood.

One (1) of these stains (#56-1S5) gave a positive result with a confirmatory test for the presence of human glycophorin A, a component of human blood.
 - B. Item #56-2 consisted of a 10mm (*-*) AUTO cartridge.

A sample (#56-2S1) was collected from this cartridge for DNA analysis.
 - C. Item #56-3 consisted of a 10mm Glock magazine.

A sample (#56-3S1) was collected from this magazine for DNA analysis.
 - D. Item #56-4 consisted of eight (8) 10mm (*-*) AUTO cartridges removed from item #56-3.

A sample (#56-4S1) was collected from these cartridges for DNA analysis.
4. Submission #57 consisted of items #57-1 (9mm handgun), #57-2 (magazine) and #57-3 (cartridges).
 - A. Item #57-1 consisted of a 9mm Sig Sauer P226 handgun with the serial number UU676027.

Samples were collected from the handle (#57-1S1), slide's grip area (#57-1S2) and trigger (#57-1S3) of this handgun.
 - B. Item #57-2 consisted of a Mec-Gar Plus 2 (MG-P226-9) magazine.

A sample (#57-2S1) was collected from this magazine for DNA analysis.
 - C. Item #57-3S1 consisted of twenty (20) cartridges removed from item #57-2. These cartridges were comprised of nineteen (19) 9mm SPEER Luger+P hollow point cartridges and one (1) FC Luger cartridge.

A sample (#57-3S1) was collected from these cartridges for DNA analysis.

**RESULTS OF
EXAMINATION
CONTINUED:**

5. Submissions #58, #59, #60 and #61 each consisted of one (1) 10mm (*-*) AUTO cartridge. A slight impression mark was present on the primer area of submission #58.
 - A. Reddish-brown stains were present on submission #58.
 - 1) The stain tested gave a positive result with screening test for the presence of blood.
 - 2) No further serological testing was conducted on these stains at this time.
 - B. Samples (#58-S1, #59-S1, #60-S1 and #61-S1) were collected from these cartridges for DNA analysis.

6. Submission #68 consisted of items #68-1 (magazine), #68-2 (cartridges from magazine #68-1), #68-3 (magazine), #68-4 (cartridges from magazine #68-3), #68-5 (Mec-Gar magazine) and #68-6 (cartridges from magazine #68-5).
 - A. Item #68-1 consisted of a 9mm P226 Sig Sauer magazine.

A sample (#68-1S1) was collected from this magazine for DNA analysis.
 - B. Item #68-2 consisted of twenty (20) 9mm Win Luger cartridges removed from item #68-1.

A sample (#68-2S1) was collected from these cartridges for DNA analysis.
 - C. Item #68-3 consisted of a 9mm P226 Sig Sauer magazine.

A sample (#68-3S1) was collected from this magazine for DNA analysis.
 - D. Item #68-4 consisted of twenty (20) 9mm Win Luger cartridges removed from item #68-3.

A sample (#68-4S1) was collected from these cartridges for DNA analysis.
 - E. Item #68-5 consisted of a 9mm Mec-Gar Plus 2 magazine.

A sample (#68-5S1) was collected from this magazine for DNA analysis.
 - F. Item #68-6 consisted of twenty (20) 9mm Win Luger cartridges removed from item #68-5.

A sample (#68-6S1) was collected from these cartridges for DNA analysis.

**RESULTS OF
EXAMINATION
CONTINUED:**

7. Submission #69 consisted of items #69-1 (magazine) and #69-2 (cartridges).
 - A. Item #69-1 consisted of a black 5.56 X 45 PMAG 30 magazine.

A sample (#69-1S1) was collected from this magazine for DNA analysis.
 - B. Item #69-2 consisted of thirty (30) 5.56 X 45 S&B cartridges removed from 69-1.

A sample (#69-2S1) was collected from these cartridges for DNA analysis.

8. Submission #70 consisted of items #70-1 (magazine), #70-2 (cartridges from #70-1), #70-3 (magazine) and #70-4 (cartridges from #70-3).
 - A. Item #70-1 consisted of a 10mm Glock magazine.

A sample (#70-1S1) was collected from this magazine for DNA analysis.
 - B. Item #70-2 consisted of fifteen (15) 10mm (*-*) AUTO cartridges removed from item #70-1.

A sample (#70-2S1) was collected from these cartridges for DNA analysis.
 - C. Item #70-3 consisted of a 10mm Glock magazine.

A sample (#70-3S1) was collected from this magazine for DNA analysis.
 - D. Item #70-4 consisted of fifteen (15) 10mm (*-*) AUTO cartridges removed from item #70-3.

A sample (#70-4S1) was collected from these cartridges for DNA analysis

9. Submission #71 consisted of items #71-1 (magazine), #71-2 (cartridges from #71-1), #71-3 (magazine) and #71-4 (cartridges from #71-3).
 - A. Item #71-1 consisted of a 10mm Glock magazine.

A sample (#71-1S1) was collected from this magazine for DNA analysis.
 - B. Item #71-2 consisted of fifteen (15) 10mm (*-*) AUTO cartridges removed from item #71-1.

A sample (#71-2S1) was collected from these cartridges for DNA analysis.

**RESULTS OF
EXAMINATION
CONTINUED:**

9. C. Item #71-3 consisted of a 10mm Glock magazine.
A sample (#71-3S1) was collected from this magazine for DNA analysis.
- D. Item #71-4 consisted of fifteen (15) 10mm (*-*) AUTO cartridges removed from item #71-3.
A sample (#71-4S1) was collected from these cartridges for DNA analysis
10. Submission #72 consisted of items #72-1 (Sig Sauer magazine), #72-2 (cartridges from #72-1), #72-3 (Sig Sauer magazine), #72-4 (cartridges from #72-3), #72-5 (Glock magazine) and #72-6 (cartridges from #72-5).
- A. Item #72-1 consisted of a 9mm P226 Sig Sauer magazine.
A sample (#72-1S1) was collected from this magazine for DNA analysis.
- B. Item #72-2 consisted of twenty (20) 9mm Win Luger hollow point cartridges removed from item #72-1.
A sample (#72-2S1) was collected from these cartridges for DNA analysis.
- C. Item #72-3 consisted of a 9mm P226 Sig Sauer magazine.
A sample (#72-3S1) was collected from this magazine for DNA analysis.
- D. Item #72-4 consisted of twenty (20) 9mm FC Luger cartridges removed from item #72-3.
A sample (#72-4S1) was collected from these cartridges for DNA analysis.
- E. Item #72-5 consisted of a 10mm Glock magazine.
- 1) A sample (#72-5S1) was collected from this magazine for DNA analysis.
 - 2) A faint reddish-brown staining was present on the base of item #72-5.
 - a) The area tested gave a positive result with a screening test for the presence of blood.

**RESULTS OF
EXAMINATION
CONTINUED:**

10. E. 2) b) No further serological testing was conducted on these stains at this time.
- F. Item #72-6 consisted of fifteen (15) 10mm (*-*) AUTO cartridges removed from item #72-5.
- A sample (#72-6S1) was collected from these cartridges for DNA analysis.
11. Submission #73 consisted of two (2) black PMAG 5.56 magazines taped together with clear packing tape. Thirty (30) 5.56 X 45 S&B cartridges were loaded into each magazine.
- A. A sample (#73-S1) was collected from the magazines for DNA analysis.
- B. Samples (#73-S2 and #73-S3) were collected from the cartridges removed from each magazine.
12. Submission #74 consisted of items #74-1 (PMAG magazine), #74-2 (cartridges from #74-1), #74-3 (PMAG magazine), #74-4 (cartridges from #74-3) and #74-5 (empty PMAG magazine).
- A. Item #74-1 consisted of a 5.56 X 45 PMAG magazine.
- 1) Reddish-brown stains located on the right side of this magazine gave positive results with a screening test for the presence of blood.
- No further serological testing was conducted on these stains at this time.
- 2) A sample (#74-1S1) was collected from the unstained areas of this magazine for DNA analysis.
- B. Item #74-2 consisted of ten (10) 5.56 X 45 S&B cartridges removed from item #74-1.
- A sample (#74-2S1) was collected from these cartridges for DNA analysis.
- C. Item #74-3 consisted of a 5.56 X 45 PMAG magazine.
- 1) Reddish-brown stains located on the left side of this magazine gave positive results with a screening test for the presence of blood.
- No further serological testing was conducted on these stains at this time.
- 2) A sample (#74-3S1) was collected from the unstained areas of this magazine for DNA analysis.

**RESULTS OF
EXAMINATION
CONTINUED:**

12. D. Item #74-4 consisted of thirteen (13) 5.56 X 45 S&B cartridges removed from item #74-3.
- A sample (#74-4S1) was collected from these cartridges for DNA analysis.
- E. Item #74-5 consisted of an empty 5.56 X 45 PMAG magazine.
- 1) A faint reddish-brown stain located on the right side of this magazine gave a positive result with a screening test for the presence of blood.
- No further serological testing was conducted on this stain at this time.
- 2) A sample (#74-5S1) was collected from the unstained areas of this magazine for DNA analysis.
13. Submission #108 consisted of items #108-1 (shotgun), #108-2 (magazine), #108-3 (shotgun shells from #108-2), #108-4 (magazine) and #108-5 (shotgun shells from #108-4).
- A. Item #108-1 consisted of a 12 gauge Saiga-12 shotgun with the serial number H08402282.
- Samples were collected from the forearm (#108-1S1), stock (#108-1S2), trigger (#108-1S3) and receiver/bolt (#108-1S4) areas of this shotgun for DNA analysis.
- B. Item #108-2 consisted of a magazine.
- A sample (#108-2S1) was collected from this magazine for DNA analysis.
- C. Item #108-3 consisted of ten (10) 12 gauge Winchester 00 Buck shotgun shells removed from item #108-2.
- A sample (#108-3S1) was collected from these shotgun shells for DNA analysis.
- D. Item #108-4 consisted of a magazine.
- A sample (#108-4S1) was collected from this magazine for DNA analysis.
- C. Item #108-5 consisted of ten (10) 12 gauge Winchester 00 Buck shotgun shells removed from item #108-4.
- A sample (#108-5S1) was collected from these shotgun shells for DNA analysis.

**RESULTS OF
EXAMINATION
CONTINUED:**

14. Submission #110 consisted of a black, "C Sport & Company" zippered sweatshirt.
 - A. A sample (#110-S1) was collected from the neckline and cuff areas of this sweatshirt for DNA analysis.
 - B. A brown stain located on the back left shoulder of this sweatshirt gave a positive result with a screening test for the presence of blood.
 - 1) Since further analysis may consume this stain, no further serological testing was conducted at this time.
 - 2) This stain (#110-S2) was collected for DNA analysis.
 - C. Hair-like fibers (#110-S3) were removed from this sweatshirt.
15. Submission #111 consisted of a black, "C Sport & Company" zippered sweatshirt, size Adult M.
 - A. A sample (#111-S1) was collected from the neckline and cuff areas of this sweatshirt for DNA analysis.
 - B. Hair-like fibers (#111-S2) were removed from this sweatshirt.
16. Items #51-S1, #52-S1, #53-S1, #54-S1, #55-S1, #55-S2, #56-1S1, #56-1S2, #56-1S3, #56-1S4, #56-1S5, #56-2S1, #56-3S1, #56-4S1, #57-1S1, #57-1S2, #57-1S3, #57-2S1, #57-3S1, #58-S1, #59-S1, #60-S1, #61-S1, #63-S1, #67-S1, #68-1S1, #68-2S1, #68-3S1, #68-4S1, #68-5S1, #68-6S1, #69-1S1, #69-2S1, #70-1S1, #70-2S1, #70-3S1, #70-4S1, #71-1S1, #71-2S1, #71-3S1, #71-4S1, #72-1S1, #72-2S1, #72-3S1, #72-4S1, #72-5S1, #72-6S1, #73-S1, #73-S2, #73-S3, #74-1S1, #74-2S1, #74-3S1, #74-4S1, #74-5S1, #75-S1, #107-S1, #108-1S1, #108-1S2, #108-1S3, #108-1S4, #108-2S1, #108-3S1, #108-4S1, #108-5S1, #110-S1, #110-S2, #110-S3, #111-S1 and #111-S2 were retained at the Laboratory.
17. Items #51-S1, #52-S1, #53-S1, #54-S1, #55-S1, #56-1S1, #56-1S2, #56-1S3, #56-2S1, #56-3S1, #56-4S1, #57-1S1, #57-1S2, #57-1S3, #57-2S1, #57-3S1, #58-S1, #59-S1, #60-S1, #61-S1, #63-S1, #67-S1, #68-1S1, #68-2S1, #68-3S1, #68-4S1, #68-5S1, #68-6S1, #69-1S1, #69-2S1, #70-1S1, #70-2S1, #70-3S1, #70-4S1, #71-1S1, #71-2S1, #71-3S1, #71-4S1, #72-1S1, #72-2S1, #72-3S1, #72-4S1, #72-5S1, #72-6S1, #73-S1, #73-S2, #73-S3, #74-1S1, #74-2S1, #74-3S1, #74-4S1, #74-5S1, #75-S1, #107-S1, #108-1S1, #108-1S2, #108-1S3, #108-1S4, #108-2S1, #108-3S1, #108-4S1, #108-5S1, #110-S1, #110-S2 and #111-S1 were forwarded to the DNA Section for further testing.

**RESULTS OF
EXAMINATION
CONTINUED:**

18. Submissions #56, #57 and #108 were forwarded to the Firearms Section for further analysis.

* Further analysis upon request

This report reflects the test results, conclusions, interpretations and/or findings of the Analyst and Technical Reviewer as indicated by their signatures below.



Analyst
Lucinda A. Lopes-Phelan
Forensic Science Examiner 3



Technical Reviewer
Joy C. Reho
Forensic Science Examiner 2



STATE OF CONNECTICUT

DEPARTMENT OF
EMERGENCY SERVICES and PUBLIC PROTECTION
DIVISION OF SCIENTIFIC SERVICES



Guy M. Vallaro, Ph.D.
Division Director

DNA SECTION
SUPPLEMENTAL DNA REPORT V

LABORATORY CASE #: ID12-002105

SUBMITTING AGENCY: CSP - WDMCS
452B Bantam Rd
Litchfield, CT 06759

CSP - EDMCS
401 West Thames St
Norwich, CT 06360

Office of the Chief Medical Examiner
11 Shuttle Rd
Farmington, CT 06032

AGENCY CASE #: CFS12-00704597 (WDMCS)
CFS12-00711626 (WDMCS)
CFS12-00705354 (EDMCS)
12-17618 (OCME)
12-17626 (OCME)

TOWN OF INCIDENT: Newtown, CT

DATE OF REQUEST: 06/06/13

DATE OF REPORT: 07/08/13

REPORT TO: Commanding Officers of above
Dr. H. Wayne Carver, II

EVIDENCE EXAMINED:

- 51-S1 Swabbing – 5.56X45 S&B cartridge
- 52-S1 Swabbing – 5.56X45 S&B cartridge
- 53-S1 Swabbing – 5.56X45 S&B cartridge
- 54-S1 Swabbing – 5.56X45 S&B cartridge
- 58-S1 Swabbing – 10mm Auto cartridge
- 59-S1 Swabbing – 10mm Auto cartridge
- 60-S1 Swabbing – 10mm Auto cartridge
- 61-S1 Swabbing – 10mm Auto cartridge
- 63-S1 Swabbing – 5.56X45 S&B cartridge

SUPPLEMENTAL DNA REPORT V

EVIDENCE EXAMINED CONTINUED:

67-S1 Swabbing – 5.56X45 S&B cartridge
72-1S1 Swabbing – Sig Sauer magazine
72-2S1 Swabbing – Twenty cartridges from 72-1
72-3S1 Swabbing – Sig Sauer magazine
72-4S1 Swabbing – Twenty cartridges from 72-3
72-5S1 Swabbing – Glock magazine
72-6S1 Swabbing – Fifteen cartridges from 72-5
74-1S1 Swabbing – unstained areas of PMAG magazine
74-2S1 Swabbing – Ten cartridges from 74-1
74-3S1 Swabbing – unstained areas of PMAG magazine
74-4S1 Swabbing – thirteen cartridges from 74-3
74-5S1 Swabbing – unstained areas of empty PMAG magazine
75-S1 Swabbing – 5.56 X 45 cartridge
108-1S1 Swabbing – forearm area of Saiga-12 shotgun
108-1S2 Swabbing – stock area of Saiga-12 shotgun
108-1S3 Swabbing – trigger area of Saiga-12 shotgun
108-1S4 Swabbing – receiver/bolt areas of Saiga-12 shotgun
108-2S1 Swabbing – magazine
108-3S1 Swabbing – ten 12 gauge 00 Buck shotgun shells
108-4S1 Swabbing – magazine
108-5S1 Swabbing – ten 12 gauge 00 Buck shotgun shells
#13-S2 Known blood, N. Lanza
#14 Swabbing from liver – A. Lanza

RESULTS OF EXAMINATION:

1. DNA was previously extracted and analyzed from item #13-S2 and submission #14 (see DNA Report dated 02/01/13). DNA was extracted from items #51-S1, #52-S1, #53-S1, #54-S1, #58-S1, #59-S1, #60-S1, #61-S1, #63-S1, #67-S1, #72-1S1, #72-2S1, #72-3S1, #72-4S1, #72-5S1, #72-6S1, #74-1S1, #74-2S1, #74-3S1, #74-4S1, #74-5S1, #75-S1, #108-1S1, #108-1S2, #108-1S3, #108-1S4, #108-2S1, #108-3S1, #108-4S1, and #108-5S1. DNA was purified according to standard laboratory protocols.

2A. Extracted material obtained from items #51-S1, #52-S1, #53-S1, #54-S1, #58-S1, #59-S1, #60-S1, #61-S1, #63-S1, #67-S1, #72-1S1, #72-2S1, #72-3S1, #72-4S1, #72-5S1, #72-6S1, #74-1S1, #74-2S1, #74-3S1, #74-4S1, #74-5S1, #75-S1, #108-1S1, #108-1S2, #108-1S3, #108-1S4, #108-2S1, #108-3S1, #108-4S1, and #108-5S1 was amplified by the AmpF/STR Identifiler Plus procedure as described in laboratory protocols. STR alleles were separated and detected by standard laboratory protocols. Insufficient amplification products were detected from items #51-S1, #52-S1, #54-S1, #60-S1, #61-S1, #72-6S1, #108-1S4, and #108-3S1 to generate DNA profiles, therefore, no comparisons could be made for these items.

SUPPLEMENTAL DNA REPORT V

**RESULTS OF
 EXAMINATION
 CONTINUED:**

2B. The following results were obtained on the amplified items:

Identifiler / Identifiler Plus Alleles Detected

Item #	D8S1179	D21S11	D7S820	CSF1PO	D3S1358	TH01	D13S317	D16S539	D2S1338
13-S2	13,15	29,32.2	10	10,11	15,16	6,7	9,11	12,13	17,22
14	8,13	30.2,32.2	10,11	10,13	14,16	6,7	11,12	12,13	17
53-S1	*	NR	NR	NR	*	NR	NR	NR	NR
58-S1	8,13	30.2,32.2	10,11	10,13	14,16	6,7	11,12	12,13	17
59-S1	13,14	28,32.2	8,12	10,12	15,18	7,9.3	12	12,14	17,23
63-S1	13,15	28,29	8,10	12	16,18	9.3	11	12,14	17
67-S1	8,13,*	29,30.2,32.2,*	10,11	10,13	14,16	6,7	11,12	12,13	17
72-1S1	8,13	30.2,32.2	10,11	10,13	14,16	6,7	11,12	12,13	17
72-2S1	8,*	NR	NR	NR	NR	*	NR	NR	*
72-3S1	8,13,*	30.2,32.2,*	10,11	10,13,*	14,16	6,7,8,*	11,12,*	12,13	17
72-4S1	8,13	30.2,32.2	10,11	10,13	14,16	6,7	11,12	12,13	17
72-5S1	8,12,13,14	30,30.2,31.2, 32.2	10,11	10,12,13	14,16,18	6,7,9.3	11,12	11,12,13	17,24
74-1S1	8,12,13, 14,15,*	28,30,31,31.2, 32.2	8,9,10, 11,12	10,11,12	14,15,16, 18	6,7,8,9,9.3	8,11,12,13	9,10,11, 12,13	17,18,19, 20,24
74-2S1	8,13,14,*	30,31.2,*	8,11,12	10,*	15,16,18	6,9,9.3,*	12,13	11,12,13	17,*
74-3S1	8,10,11, 12,13,14, 15	28,30,31,31.2, 32.2,*	8,9,10, 11,12	10,11,12	15,16,17, 18	6,7,8,9,9.3	8,9,10,11, 12,13	9,10,11, 12,13	17,18,19, 20,23,24
74-4S1	8,13,14, 15,*	29,30,31,31.2, 32.2	8,11,12, *	10,11,12	14,15,16, 17,18	6,7,9,9.3	11,12,13	10,11,12, 13	17,18,19
74-5S1	8,10,11, 12,13,14, 15	28,29,30,31, 31.2,32.2	8,9,10, 11,12	10,11,12	15,16,17, 18	6,7,9,9.3	8,9,11,12, 13	9,10,11, 12,13	17,18,19, 20,23,24
75-S1	*	NR	NR	*	NR	NR	NR	NR	NR
108-1S1	12,13,14,*	30,31.2	11	12	15,16,18	6,7,9.3	8,12	9,11,12, 13,*	24
108-1S2	8,12,13,14	30,*	10,11	12,*	14,16,18	6,7,9,9.3	11,12	11,12,13	17,24
108-1S3	8,13,14	30.2,31.2, 32.2,*	10,11	*	14,16,18	6,7	11,12	12,13	17
108-2S1	12,13,14	30,31.2	11	12	16,18,*	6,7,9.3	12	11,13,*	24
108-4S1	13,14,*	NR	NR	*	*	NR	NR	*	NR
108-5S1	13,*	NR	NR	NR	NR	NR	*	NR	NR

* = additional minor peak(s) detected. NR = No Results.

SUPPLEMENTAL DNA REPORT V

**RESULTS OF
 EXAMINATION
 CONTINUED:**

Identifiler / Idenifiler Plus Alleles Detected

Item #	D19S433	vWA	TPOX	D18S51	AMEL	D5S818	FGA
13-S2	14,15.2	14,19	8,12	11,17	X	11,12	21,23
14	13,15.2	14	11,12	13,17	X,Y	12	20,23
53-S1	NR	NR	8	NR	NR	NR	NR
58-S1	13,15.2	14	11,12	13,17	X,Y	12	20,23
59-S1	13,2,15	17,19	8,12	13,14	X	12,13	22,27
63-S1	13,16	15,16	11	16,17	X	11	21,22
67-S1	13,15.2,*	14	8,10,11,12	13,17	X,Y	12	20,23
72-1S1	13,15.2	14	11,12	13,17	X,Y	12	20,23
72-2S1	*	*	NR	NR	*	NR	*
72-3S1	13,15.2,*	14	11,12,*	13,17,*	X,Y	11,12	20,23
72-4S1	13,15.2	14	11,12	13,17	X,Y	12	20,23
72-5S1	12,13,15,15.2	14,16,18	8,10,11,12	13,17,*	X,Y	11,12	20,21,22,23
74-1S1	12,13,14,15,*	14,16,17,18, 19,*	8,11	12,13,14, 16,20,*	X,Y	11,12,13, 14	20,21,22,23, 24
74-2S1	12,14,*	14,16,17	8,10,11	13,15,18	X,*	11,12,13	23
74-3S1	12,13,14,15	14,15,16,17, 18	8,11,*	13,15,16, 18,19,20,*	X,Y	11,12,13, 14	20,21,22,23, 24
74-4S1	11,12,13,14	14,16,17,18, 19	8,11	12,13,14,15	X,Y	11,12,13,*	22,23,24,*
74-5S1	12,13,14,15	14,16,17,18	8,10,11	12,13,14, 15,16,18, 20,21,*	X,Y	9,11,12,13, 14	20,21,22,23, 24
75-S1	NR	NR	NR	16	NR	NR	NR
108-1S1	12,13,14,15,15.2	14,16,17,18	8,10,*	18,*	X,Y	11,12	21,22,*
108-1S2	12,13,14,15,15.2	16,18,*	8,10	18,21	X,Y	11,12,*	21,22
108-1S3	12,13,15,15.2	14,16	8,11,12	13,17,*	X,Y	11,12	23,*
108-2S1	12,15	16,18,*	8,10	21,*	X,Y	11,*	21,22
108-4S1	*	NR	*	NR	Y,*	*	NR
108-5S1	*	*	NR	NR	NR	NR	NR

* = additional minor peak(s) detected. NR = No Results.

3. Items #51-S1, #52-S1, #53-S1, #54-S1, #58-S1, #59-S1, #60-S1, #61-S1, #63-S1, #67-S1, #72-1S1, #72-2S1, #72-3S1, #72-4S1, #72-5S1, #72-6S1, #74-1S1, #74-2S1, #74-3S1, #74-4S1, #74-5S1, #75-S1, #108-1S1, #108-1S2, #108-1S3, #108-1S4, #108-2S1, #108-3S1, #108-4S1, and #108-5S1 were consumed in testing.

SUPPLEMENTAL DNA REPORT V

CONCLUSIONS:

4. The results are consistent with A. Lanza (submission #14) being the source of the DNA profiles from items #58-S1 (swabbing – 10mm Auto cartridge), #72-1S1 (swabbing – Sig Sauer magazine), and #72-4S1 (swabbing – Twenty cartridges from 72-3). The expected frequency of individuals who could be the source of the DNA profiles from items #58-S1, #72-1S1, and #72-4S1 is less than 1 in 7 billion in the African American, Caucasian, and Hispanic populations.
5. The results demonstrate that item #67-S1 (swabbing – 5.56X45 S&B cartridge) is a mixture. The results are consistent with item #72-3S1 (swabbing – Sig Sauer magazine) being a mixture. A. Lanza (submission #14) is included as a contributor to the DNA profiles from items #67-S1 and #72-3S1. The expected frequency of individuals who could be a contributor to the DNA profiles from items #67-S1 and #72-3S1 is less than 1 in 7 billion in the African American, Caucasian, and Hispanic populations.
6. The results demonstrate that item #72-5S1 (swabbing – Glock magazine) is a mixture. A. Lanza (submission #14) is included as a contributor to the DNA profile from item #72-5S1. The expected frequency of individuals who could be a contributor to the DNA profile from item #72-5S1 is approximately 1 in 6.4 billion in the African American population, approximately 1 in 30 million in the Caucasian population, and approximately 1 in 110 million in the Hispanic population.
7. The results demonstrate that item #108-1S3 (swabbing – trigger area of Saiga-12 shotgun) is a mixture. A. Lanza (submission #14) cannot be eliminated as a contributor to the DNA profile from item #108-1S3. The expected frequency of individuals who cannot be eliminated as a contributor to the DNA profile (at all loci tested except CSF1PO and FGA) from item #108-1S3 is less than 1 in 7 billion in the African American population, approximately 1 in 2.6 billion in the Caucasian population, and approximately 1 in 1.6 billion in the Hispanic population.
8. Insufficient amplification products were detected from item #72-2S1 (Swabbing – Twenty cartridges from 72-1) for comparison to the known DNA profile of A. Lanza (submission #14).
9. The results eliminate N. Lanza (item #13-S2) as the source of, or contributor to, the DNA profiles from items #58-S1, #67-S1, #72-1S1, #72-2S1, #72-3S1, #72-4S1, #72-5S1, and #108-1S3.


SUPPLEMENTAL DNA REPORT V

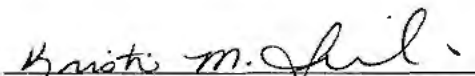
**CONCLUSIONS
CONTINUED:**

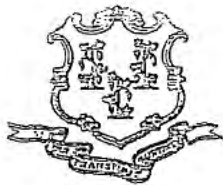
10. The results eliminate N. Lanza (item #13-S2) and A. Lanza (submission #14) as the source of, or contributor to, the DNA profiles from items #53-S1 (swabbing – 5.56X45 S&B cartridge), #59-S1 (swabbing – 10mm Auto cartridge), #63-S1 (swabbing – 5.56X45 S&B cartridg), #74-1S1 (swabbing – unstained areas of PMAG magazine), #74-2S1 (swabbing – Ten cartridges from 74-1), #74-3S1 (swabbing – unstained areas of PMAG magazine), #74-4S1 (swabbing – thirteen cartridges from 74-3), #74-5S1 (swabbing – unstained areas of empty PMAG magazine), #75-S1 (swabbing – 5.56 X 45 cartridge), #108-1S1 (swabbing – forearm area of Saiga-12 shotgun), #108-1S2 (swabbing – stock area of Saiga-12 shotgun), #108-2S1 (swabbing – magazine), #108-4S1 (swabbing – magazine), and #108-5S1 (swabbing – ten 12 gauge 00 Buck shotgun shells).

11. The profile from item #108-2S1 (swabbing – magazine) was searched against the Connecticut and National DNA Databases. No matching profiles were found. These profile results will be searched periodically. If another suspect is developed, please notify the examiner as soon as possible.

This report reflects the test results, conclusions, interpretations, and/or the findings of the analyst as indicated by their signature below.

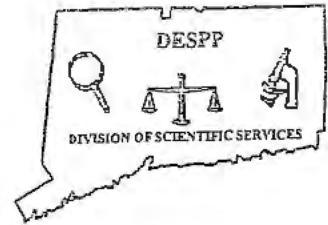

Erie J. Carita (Analyst)
Forensic Science Examiner 1


Kristin M. Sasinouski (Technical Reviewer)
Forensic Science Examiner 1



STATE OF CONNECTICUT

DEPARTMENT OF
EMERGENCY SERVICES and PUBLIC PROTECTION
DIVISION OF SCIENTIFIC SERVICES



Guy M. Vallaro, Ph.D.
Division Director

MULTI MEDIA
AND
IMAGE ENHANCEMENT SECTION

LABORATORY CASE #: ID-12-002105

SUBMITTING AGENCY: CSP – Western District Major Crime Squad
90 Lakeside Rd.
Southbury, CT 06488

AGENCY CASE #: CFS-12-00704597

TOWN OF INCIDENT: Newtown

DATE OF REQUEST: 02/26/2013

DATE OF REPORT: 04/17/2013

REPORT TO: Detective Michael Mudry

EVIDENCE SUBMITTED:

32. DVD – “Car #18” (#356D)

RESULTS OF EXAMINATION:

1. Submission #32 consisted of one (1) DVD labeled “Newtown Police Mobile Video Recorder Car #18 – Ofc Chapman 12/14/2012 1 of 1 Evidence”. This DVD contained four (4) .VOB files and other miscellaneous files.
2. One (1) of the .VOB files (“VTS_01_1.VOB”) was imported into video editing software and the amplitude in the areas where gunshots were heard was increased. This file was saved as “Sequence 01.wmv”.
3. DVDs were made for the submitting agency of the original video files and the enhanced video file. (#32-M1 and #32-M2)
4. Copies of the DVDs were retained at the Laboratory. (#32-M3 Archive and #32-M4 Archive)

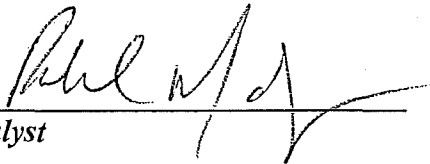
**RESULTS OF EXAMINATION
CONTINUED:**

Page 2

COMMENTS:

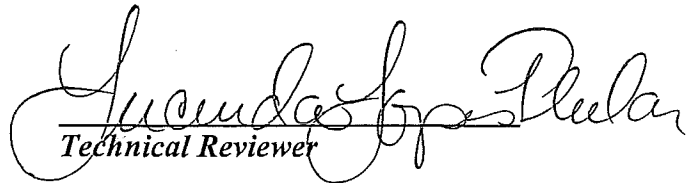
Your evidence along with any media generated is being returned with this report.

This report reflects the test results, conclusions, interpretations and/or findings of the analyst and technical reviewer as indicated by their signatures below.



Analyst

**Rachel M. Maloney
Forensic Science Examiner 1**



Technical Reviewer

**Lucinda A. Lopes-Phelan
Forensic Science Examiner 2**