



The Commonwealth of Massachusetts Department of State Police

CHARLES D. BAKER
GOVERNOR

KARYN E. POLITO
LIEUTENANT GOVERNOR

DANIEL BENNETT
SECRETARY

COLONEL KERRY A. GILPIN
SUPERINTENDENT

Crime Laboratory

124 Acote Street

Raynard, MA 01754

Tel 978 451 3500 Fax 978 451 3401

CRIMINALISTICS REPORT

Laboratory Case Number: 18-02918

Victim(s): Officer Erik Drauschke

Suspect(s): Alan Greenough

Report To: Trooper James M. Connolly #3558, MSP Middlesex County
Detective Unit

Report Cc: Lisa Ortiz Murray, Middlesex County District Attorney's Office
ADA Adrienne Lynch, Middlesex County District Attorney's Office

Report Date: October 22, 2018

Incident Number: 2018-110-0075

Town: Reading

EXAMINATIONS

Item 1-10 Sweatshirt (Alan Greenough): This item consisted of a black and red hooded sweatshirt with "Snap-On" printed in white on the left side of the sweatshirt. The sweatshirt was covered in red-brown stains. White apparent paint stains were also present. Damage was observed in the right sleeve, right cuff, through the entirety of the left sleeve as well as through the left side of the sweatshirt, extending from the hood to the bottom seam. Trace materials were observed. Dirt, debris and vegetative material were also noted.

Hole #1 and Hole #2 were noted on the center and left center chest area, respectively, near the neckline of the sweatshirt. Hole #3 and #4 were noted on the back left side of the sweatshirt.

The area around Holes #1 and #2 was microscopically examined and chemically processed for the presence of gunshot residues (lead, copper, nitrites, particulate matter). Copper residues and particulate matter were found. Lead residues were not found. Nitrite residue deposits were found but without a discernible pattern. Using the known weapon with ammunition similar to the questioned cartridges, this residue was not detected at 72 inches.

The area around Holes #3 and #4 were microscopically examined for the presence of gunshot residues (particulate matter). None were found. Apparent tissue was observed around Hole #3.

Debris was present in the areas of Holes #1, #2, #3 and #4.

Items 2-3.1.1, 2-3.2.1, 2-3.3.1 and 2-3.4.1 Standard Test Firings: These items consisted of test firings at 36", 48", 60" and 72" distances. The area around the holes in the test firings were microscopically examined and chemically processed for the presence of gunshot residues (nitrites, particulate matter) and compared to Holes #1 and #2 in Item 1-10.

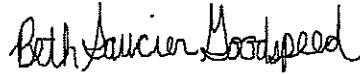


COMMENTS

ther analysis upon request. Comparative analysis requires the submission of appropriate standards.

Please direct all requests to the Case Management Unit (978) 451-3440.

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



Beth Saucier Goodspeed
Forensic Scientist IV
Massachusetts State Police Crime Laboratory
This report was electronically signed using password protected software