

CL Case #:	C20091828	Agency Case #:	091054602
Agency:	WVC - WEST VALLEY PD	Report #:	393871
ORI:	UT0182500		

Criminalistic Analysis Report - SEROLOGY

Evidence Submission Information

Evidence Submitted: 12/30/2009
 How Received: IN PERSON
 Haz. Materials: POSS BLOOD
 Submitted By: [REDACTED]
 Delivered By: [REDACTED]
 Received By: [REDACTED]

Victims and Suspects

<u>Vic/Susp</u>	<u>Name</u>	<u>DOB</u>	<u>Sex</u>	<u>Race</u>
Victim	POWELL, SUSAN		F	W

Crimes

<u>NCIC Code</u>	<u>Description</u>
0999	HOMICIDE / MURDER (INC: ATTEMPTED)

CHAIN OF CUSTODY STATEMENT Re: Chain of Custody

The item(s) submitted under the police agency case numbers referenced in this report were in a sealed condition at the time any examination, testing, or analysis was commenced by the undersigned, and that said examination or handling, if any, of the actual items within any such sealed containers was accomplished in a manner to preserve the integrity of the item to assure that any chance of misidentification, or environmental cross-contamination would be avoided by adherence to standardized procedures within the Utah State Crime Laboratory appropriate to any processes applicable to the examination, analysis, or testing of said items. Any deviation from said procedures, and reasons therefore is noted below. The breaking of any seal or part of the container in which the item was submitted, has been followed by a reinsertion of the item into its original container, followed by any examination, testing or analysis and resealing of that container with the undersigned's initials placed over such new seal.

Criminalistics Analysis Report and Conclusions

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Criminalistic Analysis Report - SEROLOGY

EVIDENCE SUBMITTED:

Item 1: Buccal standard from Charles Cox
Item 4: Buccal standard from Joshua Powell
Item 32: Swabs from couch cushion

Item 33: Sealed brown paper bag containing:
33A: Swab 1 from tile floor
33B: Swab 2 from tile floor
33C: Swab 3 from tile floor

Item 40: Sealed white envelope containing:
40A: Brown fabric piece from right edge of center cushion of couch
40B: Brown fabric piece from right corner of cushion from couch

Item 41: Swab from tarp
Item 42: Represented as "digital CD of photographs"

Item 43: Sealed brown paper bag containing:
43A: Tube attachment to rug doctor
43B: Hand attachment to rug doctor

Item 44: Fabric from couch top right cushion
Item 45: Extension attachment to rug doctor

Item 46: Sealed brown paper bag containing:
46A: Washcloth
46B: Washcloth
46C: Washcloth
46D: Washcloth
46E: Washcloth
46F: Washcloth
46G: Washcloth
46H: Washcloth

Item 47: Blood sample - possible source Susan Powell
Item 48: Rug doctor

Item 51: Sealed brown paper bag containing:
51A: Fabric arm cover from couch
51B: Brown fabric from couch
51C: Brown fabric from couch

Item 52: Blanket
Item 63: Buccal standard from Judy Cox

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Criminalistic Analysis Report - SEROLOGY

NOT ANALYZED:

Item 1: Buccal standard from Charles Cox
Item 4: Buccal standard from Joshua Powell
Item 42: Represented as "digital CD of photographs"
Item 47: Blood sample - possible source Susan Powell
Item 63: Buccal standard from Judy Cox

CONCLUSIONS OF ANALYSIS:

Blood was identified based on the detection of hemoglobin on item 40A: Brown fabric piece from right edge of center cushion of couch. The test card used detects human hemoglobin, although it may cross react with blood from higher primates or ferrets.

No human blood was identified on the following items:

- 32: Swabs from couch cushion
- 44: Fabric from couch top right cushion
- 46A: Washcloth
- 46B: Washcloth
- 46C: Washcloth
- 46F: Washcloth
- 46G: Washcloth
- 46H: Washcloth

No indications of blood were detected upon visual examination of the following items:

- 46D: Washcloth
- 46E: Washcloth
- 51A: Fabric arm cover from couch
- 51B: Brown fabric from couch
- 51C: Brown fabric from couch
- 52: Blanket

No indications of blood were detected chemically on the following items:

- 43A: Tube attachment to rug doctor
- 43B: Hand attachment to rug doctor
- 45: Extension attachment to rug doctor
- 48: Rug doctor

No serological tests were performed on the following items due to insufficient sample size. Samples are recommended for the analysis of DNA.

- 33A: Swab 1 from tile floor
- 33B: Swab 2 from tile floor
- 33C: Swab 3 from tile floor
- 40B: Brown fabric piece from right corner of cushion from couch
- 41: Swab from tarp

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Criminalistic Analysis Report - SEROLOGY

DISPOSITION OF EVIDENCE:

The following items were retained in the laboratory:

- 1: Buccal standard from Charles Cox
- 4: Buccal standard from Joshua Powell
- 33A: Swab 1 from tile floor
- 33B: Swab 2 from tile floor
- 33C: Swab 3 from tile floor
- 40A: Brown fabric piece from right edge of center cushion of couch
- 40B: Brown fabric piece from right corner of cushion from couch
- 41: Swab from tarp
- 47A: Blood sample - possible source Susan Powell
- 63: Buccal standard from Judy Cox

All submitted items not listed as retained in the laboratory will be returned to the submitting agency.

The above interpretation does not represent the totality of the forensic scientist's observations and conclusions. Further questions and/or discussion is encouraged.

