



EXHIBIT 313
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Initials

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CALUMET COUNTY SHERIFF
CHILTON, WI

Submitting Agency:

Sheriff Jerry A. Pagel
Attn: Matthew Joy
Calumet County Sheriff's Office
206 Court St.
Chilton, WI 53014

Date: March 31, 2006

Case No: M05-2467

Agency No.: 05-0157-955

Laboratory Analyst:

Case Name: Halback, Teresa M. (V) -
Town of Gibson, Manitowoc
County, Wisconsin

Sherry Culhane
Sherry L. Culhane
(DNA Analysis)

I do hereby certify this document, consisting of 7 page(s), to be a true and correct report of the findings of the State Crime Laboratory on the items examined as shown by this report.

Peggy A. Lautenschlager
ATTORNEY GENERAL

Designee: *David B. Versuale*
SIGNATURE

The following items of evidence were examined in the DNA Unit of this Laboratory:

- Item G - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 651)
- Item H - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 652)
- Item I1 - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 653)
- Item J - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 654)
- Item K - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 655)
- Item L - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 656)
- Item M - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 657)
- Item N - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 658)
- Item O - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 639)
- Item P - questioned stain reportedly recovered from "garage floor" at 12332 Avery Rd (tag# 659)
- Item Q - one piece of red/cream colored piece of fabric (tag# 8411).

- Item S - questioned stain reportedly recovered from "Avery property red shed garage floor" (tag# 7120)
- Item T - questioned stain reportedly recovered from "Avery property red shed garage floor" (tag# 7121)
- Item U - questioned stain reportedly recovered from "Avery property red shed garage floor" (tag# 7122)
- Item W - questioned stain reportedly recovered from "12932 Avery Rd interior door across from bathroom" (tag# 7119)
- Item Y - questioned stain reportedly recovered from "12932 Avery Rd bathroom floor" (tag# 7116)
- Item AA - questioned stain reportedly recovered from "12932 Avery Rd molding on door" (tag# 7104)
- Item AC - questioned stain reportedly recovered from "12932 Avery Rd living room/ext. entrance door interior by handle" (tag# 8115)
- Item AJ - one "Wisconsin" license plate "SWH-582"
- Item AK - one "Wisconsin" license plate "SWH-582"
- Item CE - one piece of fabric reportedly cut from the "back (upper area) of a couch at 12932 Avery Rd"
- Item CF - two pieces of fabric reportedly cut from the "front of a couch at 12932 Avery Rd"
- Item CG - one piece of fabric reportedly cut from a "zippered couch cushion from 12932 Avery Rd"
- Item CH - one piece of fabric reportedly cut from "couch cushion, top left by zipper from trailer of Chuck Avery"
- Item CI - one piece of fabric reportedly cut from "couch cushions top right - front from trailer of Chuck Avery"
- Item CJ1- one pair of handcuffs
- Item CJ2- one pair of leg irons
- Item CQ - questioned stain reportedly recovered from "red trailer 12932 Avery Rd inside of door living room" (tag# 7627)
- Item CR1- questioned stain reportedly recovered from "vanity top"
- Item CR2- questioned stain reportedly recovered from "toilet seat"
- Item CR3- questioned stain reportedly recovered from "vanity, left side"
- Item CR4- questioned stain reportedly recovered from "sink"
- Item CR5- questioned stain reportedly recovered from "vanity back"
- Item CR6- questioned stain reportedly recovered from "washing machine"
- Item CS - piece of "wadded" up paper toweling

- Item CX - questioned stain reportedly recovered from "quarry south of Avery Rd" (tag# 8008)
- Item DD - one .22 caliber rifle (agency tag# 647)
- Item DD1- swabbings from the trigger and trigger guard of item DD
- Item DD2- swabbings from the end of the barrel of item DD
- Item EG - one "Clubcar" golf cart.

RESULTS

Chemical analysis of the reddish/brown questioned stains of items G, I1, J, K, L, M, N, O, P, S, T, U, Y, AA, CE, CF, CG, CH, CQ, CR1, CR4 and CX indicated the presence of blood.

Chemical analysis of the reddish/brown questioned stains/crusts of items A2, A3, A4, A7, A10, A11, A23 and B2 previously indicated the presence of blood. (See Laboratory Report No. M05-2467 issued November 14, 2005 by this analyst.)

Blood was **not detected** from items H, Q, W, AC, AJ, AK, CI, CJ1, CJ2, CR2, CR3, CR5, CR6, CS, DD or EG.

Human deoxyribonucleic acid (DNA) was isolated and subsequently typed from the following questioned samples; items A2, A3, A4, A7, A10, B2, G, I1, J, K, O, P, Y, AA, CE, CF, CG, CH, CJ1, CJ2, CQ, CR4 and CX. The profiles developed from these samples are listed in the following tables:

Genetic marker	Items A10, G,I1,J,K,O,P,Y,AA, CF,CG,CQ & CR4	Items A2,A3,A4	Item CX	Item CJ1	Item CJ2	Item CH
D3S1358	16,18	16,18	16,17	15,16,17,18	15,16,17,18	16
TH01	9,3	6,9,3	6,9,3	6,7,9,3	7,9,3	9,3
D21S11	28,30	28,34,2	29,30	28,30,32,2	28,30	28,30
D18S51	14,20	14,16	12,17	13,14,20	14,15,17,20	14,20
Penta E	5,10	5,7	7,13	5,10	5,10	5,10
D5S818	11,12	12,13	11,12	11,12	11,12	12
D13S317	8,12	12,13	11,13	8,12	8,12	11,12
D7S820	7,10	11	8,12	7,8,10,11	7,10	7,10
D16S539	11,14	12,13	12	11,12,13,14	11,14	11,14
CSF1PO	12	10	11	11,12,13	11,12	12
Penta D	10,11	11,13	9,13	9,10,11	10,11,12	10,11
vWA	15,19	16	15,16	15,16,19	15,16,19	15,19
D8S1179	10,15	11,15	14	10,12,15	10,11,15	11,14
TPOX	9,11	10,11	8	8,9,11	8,9,11	9,11
FGA	20,26	21,22	19,22	20,21,22,26	20,26	19,22
Amelogenin	X,Y	X	X,Y	X,Y	X,Y	X,Y

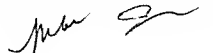
Genetic marker	Item A7	Item B2 Major component	Item CE
D3S1358	16,18	16,(17),18	**15,16,18
TH01	9.3	9.3	9.3
D21S11	28,30	28,(29),30	28,30
D18S51	14,20	14,20	14,20
Penta E	5,10	5,10	5,10
D5S818	11,*	11,12	11,12
D13S317	8,12	8,12	8,12
D7S820	7,10	7,10	7,10
D16S539	11,14	11,14	11,14
CSF1PO	12	12	12
Penta D	10,11	10,11	10,11
vWA	15,19	15,19	15,19
D8S1179	10,15	10,15	10,15
TPOX	9,11	9,11	9,11
FGA	20,26	20,26	20,26
Amelogenin	X,Y	X,Y	X,Y

X - female X,Y - male * - allele below inclusionary threshold (not used for stats)
 ** - not used for stats () - minor component

The profiles previously developed from items utilized as standard comparison samples are listed in the following table (See Laboratory Report No. M05-2467 dated December 5, 2005, issued by this analyst):

Genetic marker	Item BU (buccal swab) Steven Avery	Item BS (buccal swab) Bryan Dassey	Item AY (buccal swab) Allan Avery	Item EF (pap smear) Theresa Halbach
D3S1358	16,18	16	15,16	16,18
TH01	9.3	6,9.3	9.3	6,9.3
D21S11	28,30	30,32.2	28,30	28,34.2
D18S51	14,20	14,15	14,20	14,16
Penta E	5,10	10,11	5,7	5,7
D5S818	11,12	9	11,12	12,13
D13S317	8,12	11,13	8,12	12,13
D7S820	7,10	10,12	10	11
D16S539	11,14	11,12	13,14	12,13
CSF1PO	12	10,11	12	10
Penta D	10,11	10,13	10	11,13
vWA	15,19	17,18	17,19	16
D8S1179	10,15	14,15	11,15	11,15
TPOX	9,11	8,9	8,11	10,11
FGA	20,26	20	20,22	21,22
Amelogenin	X,Y	X,Y	X,Y	X

X - female X,Y - male



The profile developed from items A7, A10, B2 (major), G, I1, J, K, O, P, Y, AA, CE, CF, CG, CQ and CR4 is **consistent** with the buccal cell standard reportedly collected from Steven Avery (item BU) (See Laboratory Report No. M05-2467 dated December 5, 2005 issued by this analyst). One additional allele was detected at D3S1358 from the stain of item CE. This allele is not consistent with the standard from Steven Avery (item BU).

The profile developed from items A2, A3 and A4 is **consistent** with the profile developed from the pap smear slide (item EF) reportedly collected from Theresa Halbach.

The profile developed from item CX is **not consistent** with the buccal cell standards of Allan Avery (item AY), Bryan Dassey (item BS) or Steven Avery (item BU). This profile is consistent with a male individual.

The profile developed from item CH is **not consistent** with the buccal cell standards of Allan Avery (item AY), Bryan Dassey (item BS) or Steven Avery (item BU). This profile is consistent with a different male individual than item CX.

Both CJ1 and CJ2 are mixtures of DNA from more than one individual. Steven Avery can be included as a possible contributor to these mixtures. Based on the profile developed from the pap smear (item EF) reportedly collected from Theresa Halbach, she is **excluded** as a possible contributor to the mixture of DNA from items CJ1 and CJ2.

In addition, human DNA isolation was also performed on items A11, A23, AJ, AK, L, M, N, T, S, U, CR1, DD1 and DD2.

Partial DNA profiles were obtained from items A23 and DD1. Due to the limited genetic information these profiles are insufficient for interpretation.

No profiles were developed from the questioned stains of items M, T, and CR1.

A trace level of human DNA was detected from items L, N and DD2. No human DNA was detected from items A11, S and U. No further analyses were performed on these items.

The levels of male DNA detected from items AJ and AK were insufficient for autosomal DNA/STR typing.

The profile previously developed from the apparent charred material (item BZ) is listed in the following table (See Laboratory Report No. M05-2467 issued December 5, 2005 by this analyst):

Genetic marker	Item BZ Charred material
D3S1358	16,18
TH01	6,9.3
D21S11	28,34.2
D18S51	INC
Penta E	INC
D5S818	12,13
D13S317	12,13
D7S820	11
D16S539	INC
CSF1PO	INC
Penta D	INC
vWA	16
D8S1179	INC
TPOX	INC
FGA	INC
Amelogenin	X

X - female X,Y - male INC - missing alleles

The partial profile, at seven loci, developed from the charred material of item BZ is **consistent** with the profile developed from the pap smear reportedly collected from Theresa Halbach (item EF) (See Laboratory Report No. M05-2467 issued December 5, 2005 issued by this analyst).

CONCLUSIONS

It is the opinion of this analyst, to a reasonable degree of scientific certainty, that Steven Avery is the source of the DNA from the reddish/brown stains of items A7, A10, B2 (major), G, I1, J, K, O, P, Y, AA, CE, CF, CG, CQ and CR4.

Based on the profile developed from the pap smear (item EF) reportedly collected from Theresa Halbach, it is the opinion of this analyst, to a reasonable degree of scientific certainty, that Halbach is the source of the DNA from the reddish/brown stains of items A2, A3 and A4.

Allan Avery, Bryan Dassey and Steven Avery are eliminated as possible sources of the DNA from the reddish/brown stains of items CH and CX.

Steven Avery is included as a possible contributor to the DNA mixture profile developed from the handcuffs (item CJ1). Theresa Halbach is eliminated as a possible contributor to this mixture. The probability of randomly selecting an unrelated individual that could have contributed to the mixture is 1 person in 1 million in the Caucasian population, 1 person in 10 million in the African American population, 1 person in 5 million in the Southeastern Hispanic population and 1 person in 1 million in the Southwestern Hispanic population.

Steven Avery is included as a possible contributor to the DNA mixture profile developed from the leg irons (item CJ2). Theresa Halbach is eliminated as a possible contributor to this mixture. The probability of randomly selecting an unrelated individual that could have contributed to this mixture is 1 person in 1 billion in the Caucasian and Southwestern Hispanic populations and 1 person in 2 billion in the African American and Southeastern Hispanic populations.

These conclusions are based on population statistics derived from a database of unrelated Caucasian, African American, Southeastern Hispanic and Southwestern Hispanic populations obtained from the Federal Bureau of Investigation (FBI).

Evidence Disposition: Upon completion of all Laboratory analysis the evidence will be returned to the submitting agency.