



Submitting Agency:

Honorable Fred H. Hazelwood
Manitowoc Circuit Court Br. 3
Manitowoc County Courthouse
P.O. Box 2000
Manitowoc, WI 54221-2000

Date: September 4, 2003

Case No: M85-1051

Agency No.: S85-04851

Laboratory Analyst:

Case Name: Beerntsen, Penny A. (V) -
Two Rivers, Manitowoc County,
Wisconsin

Sherry L. Culhane
Sherry L. Culhane
(DNA Analysis)

I do hereby certify this document, consisting of 3 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: *Mark DeKorsivo*

SIGNATURE

The following items of evidence were **re-submitted** and examined for the suitability of deoxyribonucleic (DNA) typing in accordance with a court order filed September 16, 2002 by University of Wisconsin Innocence Project:

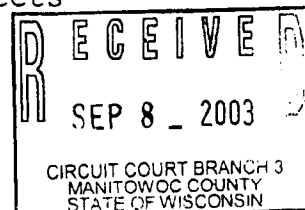
- Item C(1-5) - hairs recovered from paper hospital sheets
- Item D10 - pubic hair combings (Penny Beerntsen)
- Item D13 - fingernail scrapings (Penny Beerntsen)
- Item F(1-2) - hairs recovered from a brown shirt.

RESULTS

One apparent pubic hair (item C5) and one apparent head hair (item C3) reportedly recovered from the paper sheets were re-examined microscopically and found to be unsuitable for possible DNA typing. (These hairs were referred to in the court order as trial exhibit 38.)

One apparent head hair (item F2) reportedly recovered from a brown shirt was re-examined microscopically and found to be unsuitable for possible DNA typing. (This hair was referred to in the court order as trial exhibit 31.)

Thirteen (13) apparent pubic hairs were recovered from the pubic hair combings (item D10) reportedly collected from Penny Beerntsen. These hairs were re-examined microscopically and



eleven (11) of these hairs were determined to be suitable for possible DNA typing. (These hairs were referred to in the court order as trial exhibit 38.) Detectable amounts of DNA were present on two (2) of these eleven (11) hairs.

Fingernail scrapings (item D13) reportedly collected from Penny Beerntsen contained only one small fingernail clipping from the left hand. This small clipping was extracted for DNA typing. (This clipping was referred to in the court order as trial exhibit 38.)

The DNA detected from the two (2) hairs in the pubic combings (item D10) and the extraction from the fingernail clipping (item D13) was amplified using the polymerase chain reaction (PCR) method and typed for fifteen (15) short tandem repeat (STR) genetic markers as well as the gender marker Amelogenin (STR loci: D3S1358, TH01, D21S11, D18S51, PENTA E, D5S818, D13S317, D7S820, D16S539, CSF1PO, PENTA D, vWA, D8S1179, TPOX and FGA) using the Promega PowerPlex® 16 amplification kit.

The DNA profile generated from one of the apparent pubic hairs in D10 (D10a) was consistent with having originated from a female individual. The DNA profile generated from the remaining hair in D10 (D10b) was consistent with having originated from a male individual. This profile occurs in approximately 1 person in 251 billion in the Caucasian population, 1 person in 162 billion in the African American population, 1 person in 1 trillion the Southeast Hispanic population and 1 person in 49 trillion in the Southwest Hispanic population. These statistics were based on a population database of unrelated individuals obtained from the Federal Bureau of Investigation (FBI). This profile was entered into the Combined DNA Index System (CODIS) and searched against local and state databases. This search resulted in a match with a convicted offender in the Convicted Offender Index of the Wisconsin DNA Databank.

The personal information on record in the Databank Unit related to the matching offender profile is listed below:

Name: Gregory A. Allen
Date of Birth: 01/17/1954
WI state ID Number: 242912
WI Dept. of Corrections Number: 167930
WI DNA Databank Number: D96-1299
Sex: Male
Race: Caucasian
Collected by: Dodge Correctional Institution

This match should be considered an investigative lead. Any further interpretations will require the submission of appropriate standards (blood sample or buccal cells).

The typing results from the fingernail clipping (item D13) indicated that the DNA originated from a female individual. No further information can be ascertained from these results.

Evidence Disposition: All items will be returned to the submitting agency.

cc Manitowoc County District Attorney
Attorney Keith Findley, Wisconsin Innocence Project