STATE OF WISCONSIN : CIRCUIT COURT : MANITOWOC COUNTY BRANCH 1

STATE OF WISCONSIN,
PLAINTIFF, PRELIMINARY EXAMINATION
vs. Case No. 05 CF 375 \& 05 CF 381
STEVEN A. AVERY,
DEFENDANT.

DATE: DECEMBER 6, 2005
BEFORE: Hon. Patrick L. Willis Circuit Court Judge

## APPEARANCES :

KENNETH R. KRATZ
SPECIAL PROSECUTOR
On behalf of the State of Wisconsin.
ERIK R. LOY
Attorney at Law
On behalf of the Defendant.
CRAIG JOHNSON
Attorney at Law
On behalf of the Defendant.
STEVEN A. AVERY
Defendant
Appeared in person.

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Reported by Diane Tesheneck, RPR Official Court Reporter

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THE COURT: At this time the Court calls Case Nos. 05 CF 375 and 05 CF 381, State of Wisconsin vs. Steven A. Avery. These matters are scheduled for a preliminary examination this afternoon. Will the parties state their appearances for the record, please.

ATTORNEY KRATZ: The State appears by Calumet County District Attorney Ken Kratz. I'm appearing as Special Prosecutor in the matter.

ATTORNEY LOY: Steven Avery appears personally, with his attorneys, Erik Loy and Craig Johnson. Your Honor, I would, at the outset, move to separate witnesses.

THE COURT: Mr. Kratz.
ATTORNEY KRATZ: We have instructed our witnesses as to sequestration, Judge, that's already been done.

THE COURT: Have they also been instructed not to speak to each other until they are done testifying?

ATTORNEY KRATZ: Until they are what?
THE COURT: Any witness who --
ATTORNEY KRATZ: Any witness who testifies will not speak with the witnesses who have not been in court, Judge.

THE COURT: Correct.
ATTORNEY KRATZ: Yes.
THE COURT: Okay. And, Counsel, I believe there's agreement that, although we're dealing with two case files today, the State is going to present evidence at the prelim related to both files and the Court, then, will make a separate finding with respect to each file, following the conclusion of the hearing. Mr. Kratz, is that your understanding?

ATTORNEY KRATZ: That's my understanding, your Honor.

THE COURT: Mr. Loy.
ATTORNEY LOY: That's our understanding also, your Honor.

THE COURT: That's acceptable to the State and the defense?

ATTORNEY KRATZ: Yes.
ATTORNEY LOY: Yes.
THE COURT: The Court has also received a motion for bail reduction and I will take that up at the conclusion of the preliminary examination. Anything else before we proceed, Counsel?

ATTORNEY KRATZ: Not from the State, your Honor.

ATTORNEY LOY: Not from us, your Honor.

THE COURT: If not, Mr. Kratz, you may call your first witness.

ATTORNEY KRATZ: State will call Pam Sturm to the stand.

THE CLERK: Please remain standing. Raise your right hand.

PAMELA STURM, called as a witness herein, having been first duly sworn, was examined and testified as follows:

THE WITNESS: I do.
THE CLERK: Please be seated. Please state your name, spell your last name for the record. THE WITNESS: Pamela Sturm, last name, $S-t-u-r-m$.

## DIRECT EXAMINATION

BY ATTORNEY KRATZ:
Q. Ms Sturm, I'm going to ask you some questions regarding involvement in a case in the early part of November of this year. First of all, were you familiar with a young woman by the name of Theresa Halbach?
A. Yes, I was.
Q. You will need to speak up just a little bit for us, please. Ms Sturm, can you tell us how you knew Teresa Halbach.
A. Tom is my first cousin, so Teresa would be my second cousin.
Q. You will need to tell us who Tom is?
A. Tom Halbach is Teresa's father.
Q. Ms Sturm, at some time about the 4 th of November, about Friday, the 4th of November, did you become aware of a search effort that was ongoing for Ms Halbach?
A. Yes, I did.
Q. And on the next morning then, on the 5th of November, did you agree to participate in that search effort?
A. Yes, I did.
Q. Could you tell the Court, please, what you did or what you agreed to do that morning.
A. I went to Teresa's house and Ryan and Scott were there. And most of the searchers were gone already. So they had some maps on the table, so I took a map. And he said, well, they are going to search there and there and there. And I said, well, I would like to go to, you know, where Teresa was last, which was the Avery Salvage. And he said, well, that's up to you. So that's where we went.
Q. When you say we, could you tell me who you went
with?
A. My daughter was with me.
Q. And your daughter's name?
A. Nicole Sturm.
Q. About how old is Nicole?
A. 25 .
Q. And did you and Nicole then proceed to a piece of property west of Mishicot, Wisconsin, property is known as Avery Auto Salvage?
A. Yes, we did.
Q. About what time did you get there, if you remember?
A. Approximately 10 to 10 a.m.
Q. And at about 10 to 10 did you make contact with anybody on that property?
A. Yes, I did.
Q. Who was that?
A. I talked to Earl Avery.
Q. And did Earl Avery identify himself or tell you how he might be associated with that property?
A. I asked him if he was an Avery and he said, yes, Earl. And on the side of the building, it says that Earl is one of the co-owners. And he did indicate that he is one of the owners of the property.
Q. All right. So, in talking to Earl Avery, did you ask him anything, specifically?
A. Yes, I did.
Q. What did you ask him?
A. I asked him if it would be okay if my daughter and I searched the salvage yard for Teresa Halbach's vehicle.
Q. Could you just describe the nature of that conversation. And, Counsel, and, the Court, I'm certainly not asking for the truth of the matter, but what she may have done as a result of that conversation. What did you talk about, Ms Sturm?
A. Well, we talked about -- Well, at first I said, maybe since it's deer hunting season some of the hunters may go out in the woods and maybe they will find some evidence of Teresa. And Earl indicated that they go deer hunting up in the Crivitz area, that they have a cottage up there.
Q. Ms Sturm, I don't mean to interrupt, but I'm going to. Why don't you tell us, at the conclusion of your conversation with Earl, did you ask for any permission to do anything?
A. Yes, we asked if we could walk around the property and search for Teresa's vehicle.
Q. And did Earl Avery give you permission to search
the Avery Salvage Yard, specifically, to try to find Teresa's vehicle?
A. Yes, he did.
Q. Did you and your daughter, Nicole, then begin a search of the Avery Salvage property?
A. Yes, we did.
Q. Could you describe, generally, what you recall about that morning and the size, if you will, of the Avery property.
A. Well, we came into the property and there are three roads leading into the property. So we went on the center road and there are quite a few huge buildings there. And it looks like a huge quarry. And, evidently, it's 40 acres and it's just a lot of vehicles.
Q. All right. Ms Sturm, you said that you began searching the property; do you recall what portion of the property you began to search?
A. Well, if you come in the driveway, we started the sweep from left to right. So we started in the southwest corner, I believe.
Q. And did you have a specific intent, you and your daughter, regarding that search, what your plan was that day?
A. Yes.
Q. What was your intent?
A. We were going to look in each and every vehicle to make sure that Teresa wasn't in there.
Q. All right. Ms Sturm, before you completed, or I should say, before you began your search at the Avery Auto Salvage, did you have a description of the vehicle that Teresa Halbach had last been driving?
A. Yes, we did. We obtained some slips from Ryan and Scott and the vehicle description was on there.
Q. Basically, what kind of a car were you looking for?
A. It was a Rav 4 Toyota.
Q. Small SUV; is that right?
A. It's a small SUV, yes.
Q. Ms Sturm, then, when your daughter, Nicole, and you began searching some of the vehicles, did you happen to come across a vehicle that you believed, generally, fit the description of the vehicle that Teresa had been driving?
A. Yes, I did.
Q. Could you tell the Court, please, how you came across that vehicle and what it looked like.
A. Well, we had searched at least 50 vehicles and

RV's and trucks. And my daughter was in the row on the right side of me. And I was going to search my row. And up on an incline, there were approximately seven or eight vehicles. And I thought, well, I have to go up there and search those and make sure it wasn't up there.
Q. What do you mean by "up on an incline"?
A. Well, if you can picture the quarry, it's like a bowl shape and on top of the ridge they had a little driveway of sorts. And on there, they had like seven or eight cars.
Q. All right. I think that you had mentioned that this was on the southern portion of the Avery property?
A. Yes, that's correct.
Q. When you came across one of those cars, can you tell us what you saw and what you thought.
A. Well, it was so unusual because there were branches leaning up against this vehicle. And I came closer and there was a hood of the vehicle braced up against the driver's side of this vehicle. So I went around to the back and it says Rav 4 on it, Toyota. And I just -- I thought, well, yeah, it's got to be that car, but it appeared to be blue.
Q. Ms Sturm, let me interrupt, again. When you found this vehicle, or when you saw that it was a Rav 4, how was it that you determined that?
A. I looked at the back of the vehicle and it's printed, Rav 4, on the back of the vehicle. And it also says Toyota on it.
Q. All right. About what time was it that you came across this vehicle?
A. About 10:20 a.m.
Q. So, shortly after you began your search; is that right?
A. Yes.
Q. All right. What did you do then?
A. I looked to see if there were license plates on the vehicle. And there weren't any on the front, so I went to the back and there weren't any on the back. And I couldn't see my daughter, so I walked towards my daughter, because she has the cell phone.

And I said, Nicole, Nicole. Come here, come here. And she came running. And I said, look at this vehicle. This has got to be the vehicle. It's camouflaged even. She said, yeah, ma, $I$ think it is, but it looks kind of blue.
Q. Were you able -- Let me ask you a question first.

Are you familiar with identifications on vehicles, which are called VIN numbers --
A. Yes.
Q. -- vehicle identification number. I will need to finish asking the question first, sorry. How is it that you are familiar with the VIN numbers?
A. Because I have 10 years experience in the investigative field.
Q. All right. Ms Sturm, were you able to obtain, at least partially, the VIN number for this vehicle?
A. Well, actually, my daughter read the number, because I forgot my glasses.
Q. All right. Were you able to, and did you, in fact, try to verify the VIN number, or try to verify the identification of this vehicle with any law enforcement authorities?
A. Yes, we did. We called the Calumet County Sheriff's Office and attempted to speak with Mr. Pagel. And they gave me voice mail. So I went back to the operator and I said, no, I need to speak to Mr. Pagel, in person now, I think we found the vehicle.

So she gave me Mr. Pagel immediately. And I told Mr. Pagel, I believe we found the vehicle in the Avery Salvage Yard. And he said,
could you read the VIN number to us, but don't touch anything. Don't touch anything. Try not to touch anything.

So, my daughter read the four last numbers, she could see those. And then he said, well, could you read the rest of the numbers. And she read those off to me, so I told Mr. Pagel the VIN number.
Q. Were you instructed to do anything at that time?
A. We were instructed to step away from the vehicle. Don't touch anything. And go as far away as you can from the vehicle and just wait for the police, they are on their way.
Q. All right. Did the law enforcement officer indicate to you on the phone that the VIN numbers had matched?
A. No, he would not tell me.
Q. Just told you, get away from the vehicle?
A. That's right.
Q. Now, Ms Sturm, when you and Nicole walked onto the property, did you have any photographic equipment with you?
A. Yes, we did. I borrowed a digital camera from Scott because I forgot my camera. And Nicole placed it under her clothing before we went into
the yard.
Q. After reading off the VIN numbers, did you believe it was important to take a digital photo of the vehicle which you had found and how you found it?
A. Yes, we thought we should take photos immediately, in case they told us to get off the property. So we did take four or five pictures.
Q. All right. Ms Sturm, if you would be so kind as to look behind you; I'm showing you what's been marked for identification as Plaintiff's Exhibit No. 1. Could you tell us what that is.
A. That is the vehicle that we found at Avery Salvage Yard.
Q. Could you just kind of point to that exhibit as best you can. This might be a little bit difficult without a microphone, but point to an area and tell us what it was that you found and what you thought was significant.
A. As you can see, there's a -- there are branches leaning up against the vehicle and also the front of a -- I can't think of the name of it. And then the VIN number is on the right-hand side of the vehicle, on the drivers's side.
Q. Ms Sturm, importantly, Exhibit No. 1, is that the
same as -- as you observed the vehicle sometime after 10:00 in the morning on the 5th of November?
A. Yes, it is.
Q. Were you able to determine, during this whole process, whether or not the vehicle was open or whether or not it was locked?
A. My daughter tried the doors and the doors were locked.
Q. How did she try the doors?
A. Well, we took the sleeves of our sweats and we pulled on the door handle.
Q. And the -- all the doors of the vehicle were locked, it was enclosed --
A. Yes, that's correct.
Q. -- is that right? Ms Sturm, after being told at that point to step away from the vehicle, did you wait for law enforcement officers to arrive?
A. Yes, we did.
Q. About how long did it take for law enforcement officers to arrive at the scene, if you remember?
A. Approximately 20 minutes.

ATTORNEY KRATZ: All right. Your Honor, I will move the admission of Exhibit 1 at this time. I don't have any further questions of Ms Sturm.

Thank you.
THE COURT: Mr. Loy. First of all, does defense have any objection to admission of the exhibit?

ATTORNEY LOY: No objection for purposes of today's hearing.

THE COURT: All right. Do you have any questions for this witness?

ATTORNEY LOY: Yes, your Honor.
THE COURT: You may proceed.
ATTORNEY LOY: Thank you, Judge.

## CROSS-EXAMINATION

BY ATTORNEY LOY:
Q. Ms Sturm, Exhibit 1, is that a photo that you took?
A. That is a photo that my daughter, Nicole, took.
Q. Okay. With the camera that the two of you had with you?
A. Yes, that's correct.
Q. Okay. And the two of you had taken a few other photos that day?
A. Four or five photos of the car.
Q. When you first got to the salvage yard, where did you find Earl Avery?
A. Well, we walked into the main building to see if
we could find one of the Averys and we couldn't. So we came back outside and there were two individuals in the parking lot. And when they got finished with the conversation, I said, are you an Avery. And at that time, he identified himself.
Q. One of the two individuals?
A. Yes.
Q. Did the other person identify himself?
A. No, he had walked away at that point.
Q. When you drove into the Avery property, were there any gates or anything preventing you from entering?
A. We just drove into the property, up to the building. We didn't drive any further than that. But there were no blockades or anything, if that's what you are asking.
Q. And there was no one standing there watching who was going in and out of the property?
A. No, sir.
Q. So, did you park by the main office building?
A. Yes.
Q. And then, that's where you went in first to try to find someone?
A. That's correct.
Q. When you went down into the area where all the cars are, it was kind of a pit or a quarry; is that right?
A. Yes.
Q. Did you drive down there or did you walk?
A. We walked down there.
Q. Okay. And was there anything, any gates or anything, preventing you from walking down into that area?
A. No.
Q. Did you see any other people down there?
A. There were a couple people in the salvage yard, yes.
Q. And did you find out who those people were?
A. No, sir.
Q. Was there anyone else searching the salvage yard that day, besides you and your daughter?
A. I don't believe so.
Q. As far as you know, the only people there searching were the two of you; is that right?
A. That's correct.
Q. When you went in the main office, you didn't see anybody there?
A. No, we didn't.
Q. Did you touch anything in that office?
A. No, sir.
Q. How long did you stay in there?
A. Maybe about two seconds.
Q. Okay. All right. What did the person who was talking with Earl Avery look like? Can you give me a description of him?
A. He was approximately 5 foot 8, 170 pounds, light brown hair.
Q. Where were these people standing?
A. I'm sorry?
Q. Where were the two of them standing, Earl and this person he was talking to?
A. They were out in the parking lot.
Q. In --
A. Right in front of the building.
Q. In front of the main office area?
A. I believe that's the main office.
Q. Okay. Was the door to the main office unlocked?
A. Yes.
Q. When you saw this Rav 4 vehicle, did you -- did you move any of the items that were -- that were covering it or on top of it?
A. The only thing that we moved was the hood. And if you can picture, the hood has got a real thin part where you can just move it a little bit away
from the car. And, again, we used our sleeves to pull it away from the car.
Q. When you say the hood, you are talking about a hood off another vehicle?
A. Correct.
Q. It wasn't the hood of the Rav 4?
A. No.
Q. It was some other hood, right?
A. Yes.
Q. Okay. And you -- How far did you move it?
A. We just moved it off. It was leaning against it and we just moved it off to see if we could, you know, see anything else.
Q. All right. And your daughter tried to open the doors of the Rav 4?
A. That's correct.
Q. And she used her sleeve?
A. Yes.
Q. Did either of you use tissues or anything like that?
A. No.
Q. The vehicle was locked?
A. That's correct.
Q. Did -- Were all the doors tried?
A. The two, the passenger door and the driver's
door, were tried.
Q. For the front seat?
A. Pardon me?
Q. For the front seat?
A. There are only two doors.
Q. Oh, it's only a two-door vehicle?
A. I believe so.
Q. Okay. Were you aware of any plans to have anyone else search the salvage yard that day?
A. I don't believe so. I never heard anything.
Q. The people who were down in the salvage yard, that you saw, can you give me a description of them?

ATTORNEY KRATZ: Judge, I understand Mr. Loy may want this information for discovery purposes, but it goes beyond the scope of the preliminary hearing. I will interpose an objection.

THE COURT: Mr. Loy.
ATTORNEY LOY: He is right, we would like to learn more about these gentlemen.

THE COURT: All right. I will sustain the objection.

ATTORNEY KRATZ: Thank you.
Q. (By Attorney Loy) When you opened the door to the office, did you grab the doorknob and pull it
open, or how did you get into the office?
A. I believe the door goes in.
Q. So, you pushed the door in?
A. No, I think I grabbed the doorknob.
Q. Grabbed the doorknob and turned it and pushed the door in; is that how it went?
A. Right.
Q. Okay. When you first got there, you didn't see anyone outside, right?
A. Yes, we saw two men conversing by the car.
Q. Okay. So you saw these two guys conversing by a car, but you went in the main office door to find someone, and then -- is that right?
A. That's correct.
Q. And then, when you didn't find anyone in the office, you went outside and talked to the two guys?
A. That's correct.
Q. And where were they standing?
A. They were standing to the right of my vehicle, in between two other vehicles.
Q. And did you park your vehicle sort of in a courtyard area near the door to the main office?
A. I parked almost directly in front of the door to the office.
Q. When you were talking with Mr. Avery, Mr. Earl Avery, about your plans to search, what did you tell him about that?
A. I'm sorry, I don't understand the question.
Q. You told Mr. Earl Avery that you wanted to search the salvage yard; is that right?
A. That's correct.
Q. Did you tell him where you wanted to search?
A. I told him that we wanted to search the whole yard.
Q. Okay. And did he -- What did he say in reply to that?
A. He said that, well, you really shouldn't take your car because the roads are really bad down there, so I would recommend that you walk.
Q. Okay. Did he say anything else?
A. No.
Q. What did you say as far as why you wanted to do the search?
A. I said it would relieve Tom and Karen's minds if we could determine if the car was on the property or it wasn't on the property.
Q. Okay. When you did the search, you were looking for Teresa and for her vehicle; would that be fair to say?
A. That's correct.
Q. Did Earl Avery have any response when you said it would relieve the parent's minds if you could look for the car? Did he have any response to that?
A. He just said, I know how it feels, because we lost a nephew a year ago and I know how they feel.
Q. Earl Avery was very cooperative with you?
A. Yes.
Q. He didn't give you any problems with searching the property?
A. Well, at first he said he thought somebody else was there already to search, but they took a vehicle through the yard. And he kind of said, well, you know, they searched already.
Q. Did he say anything about what these other searchers did or found?
A. No, he didn't.
Q. Did he say it was okay, then, for you to do the search?
A. Yes, he did.
Q. Did Earl Avery say anything about where to start the search, or anything along those lines, give you any direction?
A. No, sir.
Q. He did say you should go on foot?
A. Yes, he did.
Q. How did you and your daughter decide where you were going to start searching?
A. We didn't, we just said we would go from left to right.

ATTORNEY LOY: Nothing further, your Honor.
THE COURT: Any redirect?
ATTORNEY KRATZ: No, Judge.
THE COURT: The witness is excused.
ATTORNEY KRATZ: Call Tom Fassbender to the stand.

THE CLERK: Please raise your right hand.
THOMAS FASSBENDER, called as a witness herein, having been first duly sworn, was examined and testified as follows:

THE CLERK: Please be seated. State your name for the record, please.

THE WITNESS: Thomas Fassbender, F-a-s-s-b-e-n-d-e-r.

## DIRECT EXAMINATION

Q. Mr. Fassbender, how are you employed?
A. I'm a Special Agent with the Wisconsin Department of Justice, Division of Criminal Investigation.
Q. Sometime in early November of this year, were you asked to participate in a search for a missing person and, thereafter, participate in a criminal investigation regarding Teresa Halbach?
A. Yes.
Q. How were you asked to participate in that?
A. The Calumet County Sheriff's Department requested DCI services.
Q. Agent Fassbender, is it fair to indicate that you, together with Calumet County Investigator Mark Wiegert, served as lead investigators in this investigation?
A. Yes.
Q. Agent Fassbender, let me first have you direct your attention to what's been marked as Plaintiff's Exhibit No. 2, the aerial photograph to your immediate right. Since other witnesses are going to be using that exhibit, could you tell us what that is, please.
A. That's an aerial photograph of the Avery Salvage Yard.
Q. How is it that you recognize that?
A. Because $I$ was at that scene for about seven days.
Q. About how many hours a day were you there?
A. Probably averaged about 16.
Q. All right. So it's fair that you're pretty familiar with almost every inch of that property; isn't that true?
A. Well, I'm familiar with it, I wouldn't say every inch.
Q. All right. Agent, I'm going to hand you a laser pointer, it's the yellow button that is in the middle of this particular device. Why don't you just kind of give us a lay of the land, how is it that you come in from the highway onto the Avery property and, perhaps, point out those areas that are marked on Exhibit No. 2.
A. Okay. Avery Road would be coming in right here from, I believe, the north. They kept going upward there. And the highway is up there to the north.

If you go to what would be, I believe, the west, along this driveway or road here, and down to the end where you see the little circle here, down here you have the residence that Steve Avery stayed in. His sister, Barbara Avery, lived next door to him. Steve's garage would be right there and Barbara's garage right there. And then, down here, $I$ believe this was Mr . and Mrs. Avery's house right back in here. If you
take this road --
Q. If I could just stop you, by Mr. and Mrs. Avery, you mean Steven's parents; is that right?
A. Yes, Steven's parents, Al, and I think it's Delores.
Q. Go ahead. Who else lived there?
A. And then this road down here, to the south, would take you down in to what I believe they call the pit, or the salvage yard area. You go by, I think this is what would be Chuck Avery's residence, which is Steve Avery's brother, right along there. And then these are shops. And the office, I believe, is right there, the main office, and then shops where they would do their work -- their work -- their salvage work.

And then down here, there was a crusher located down in the pit. I think it was down in this area, right in here, to crush cars. And then there's a small road that goes along the south end. There's a big berm back here. On the other side of that berm is what would be a gravel pit or whatever. And --
Q. Let me just stop you. At the bottom most portion of Exhibit No. 2, that would be where the Avery property ends; is that correct?
A. That's correct.
Q. Now, when you were asked to assist in the investigation, in fact, very early in this investigation, Saturday, the 5th of November, had you received, and did you assist in the execution of a search warrant for the entire Avery property, all vehicles on the Avery property, all residences and all out buildings?
A. Yes.
Q. Agent Fassbender, I understand that on the 5th of November, law enforcement took control, if you will, of the Avery property. Do you know when it was that law enforcement relinquished control, that is, when the dozens of search warrants that were eventually executed there concluded? Do you recall?
A. It was on a Saturday and -- the 12th, I believe.
Q. Okay. About a week; is that right?
A. Yes.
Q. Now, throughout that week, Agent Fassbender, you were aware of various items, that you believed had evidentiary value, being found. And as lead investigator, were you kept apprised of not only when those items were found but, specifically, where they were found upon this property?
A. Yes, most of the time.
Q. You mentioned that there is a residence of Steven Avery; do you know the address of that residence?
A. 12932 Avery Road, Town of Gibson, Manitowoc County, State of Wisconsin.
Q. Later, that is, several days into the investigation, you had occasion to make personal contact with Steven Avery; is that correct?
A. Yes.
Q. Is that gentleman in the courtroom this afternoon?
A. Yes.
Q. Could you point him out for the record.
A. To your right, wearing the black and white striped outfit.

ATTORNEY KRATZ: Your Honor, I would ask that the record reflect the defendant's identification.

THE COURT: The record will reflect that the witness identified Mr. Avery.
Q. (By Attorney Kratz) Now, Agent Fassbender, very shortly after Ms Sturm found what was believed to be Teresa Halbach's vehicle, did you become involved that same day, and did you proceed to the Avery Salvage Yard, to assist in this
investigation?
A. Yes.
Q. During the course of your investigation, did you have occasion to review official reports of the Wisconsin Department of Transportation and were you able to determine ownership of the Rav 4 that was located on the Steven Avery property?
A. Yes.
Q. I've handed you what's been marked for identification as Plaintiff's Exhibit No. 4. Can you tell us what that is, please.
A. That's a Certificate of Record Copy from the Wisconsin Department of Transportation, pertaining to a 1990 Toyota truck, registration -- registered by Wisconsin license plate number SWH582 to Teresa M. Halbach and vehicle identification number JT3HP10V5X7113044.
Q. And on the 5th of November and, in fact, on days thereafter, were you able to determine whether the Rav 4 found on Steven Avery's property, in fact, was the same Rav 4 that was owned by Teresa Halbach?
A. Yes.
Q. And does Exhibit No. 4, that is, the certified Department of Transportation Record, verify that
fact?
A. Yes.

ATTORNEY KRATZ: Would move the admission of Exhibit 4 at this time, your Honor.

THE COURT: Any objection?
ATTORNEY LOY: No objection for purposes of this hearing, your Honor.

THE COURT: All right. Exhibit 4 is
admitted. Counsel, I'm going to ask you to approach here, briefly.
(Side bar taken.)
ATTORNEY KRATZ: I'm sorry, Judge, did you rule on it's admissibility?

THE COURT: The defense admitted that -- or defense did not object to admission of the exhibit and I did admit it.

And I will indicate, for the benefit of everybody else, that I was handed a note indicating that, as part of the broadcast of the proceedings, we have been told that at times the microphones are apparently sensitive enough so that the people on the broadcast can hear what the attorneys are saying to each other. So make sure you press the mute button when you talk to each other, or lean back far enough away from the
microphone so that won't happen.
ATTORNEY KRATZ: Try not to give away any secrets. That's fine, Judge.
Q. (By Attorney Kratz) Mr. Fassbender, on the 5th of November, were you also involved in the processing or review of the Rav 4 that was found upon that property?
A. Yes.
Q. Were you able to view where, upon that property, the Rav 4 was located?
A. Yes.
Q. And using the laser pointer, again, and referring to Exhibit No. 2, if you could, again, give us a orientation as to where the different buildings, residences may be, and where Teresa Halbach's Rav 4 was found?
A. Again, Steve Avery's residence up on the northwest corner of the property; his sister, Barb; his parents; brother, Chuck; the buildings where they have their shops and offices; the road going south into the pit; the extreme south side of or edge of their property. And down towards the southeast portion of the property, on a small trail, I guess you would call it, her vehicle was located alongside that trail.
Q. After the search warrant was exec -- excuse me -authorized, did you participate in viewing the vehicle and did you assist members of the Wisconsin State Crime Lab in processing and deciding how to search that vehicle?
A. Yes, to a certain degree.
Q. What was decided regarding the processing or search of the Rav 4?
A. That the vehicle would be, essentially, transported as it was found and not processed at the scene, transported through Wisconsin State Crime Laboratory in an enclosed trailer and processed in Madison, at the Crime Laboratory in Madison.
Q. I'm going to show you, on the picture behind you, what's been marked as Plaintiff's Exhibit No. 5; can you tell us what that is, please.
A. That's a picture of a portion of that RAV 4 vehicle as it was located, or found, on the Avery property, I believe.
Q. This is a picture that's apparently taken in the evening or early evening hours. Is that the same or similar as it appeared to you just prior to the Wisconsin State Crime Laboratory processing and, in fact, loading up that vehicle to take it to Madison?
A. Yes.

ATTORNEY KRATZ: I move the admission of Exhibit 5, Judge.

THE COURT: Any objection?
ATTORNEY LOY: None for this hearing.
THE COURT: Exhibit 5 is admitted.
Q. (By Attorney Kratz) Agent Fassbender, could you remind those in this room, who weren't at that scene, what the weather became like just after, perhaps, taking that picture?
A. It became very nasty. It rained extremely hard. Shortly after that picture, obviously, it was dark, it was night, visibility was pretty much zero, except for the lights, the spotlights that had been put up by the Sheriff's Department.
Q. Excuse me. The impending weather, did that play into your's and the Crime Lab's decision to also remove that vehicle and have it searched in a more pristine area, that being at the Madison Crime Lab?
A. Certainly that played into that decision.
Q. Now, when that vehicle was located, it did not bear Teresa Halbach's registration plates or vehicle plates; is that correct?
A. That's correct.
Q. During the course of the investigation, and in the next several days after the 5 th of November, did you seek the assistance, and receive the assistance, of literally hundreds of law enforcement and other professionals to search, virtually, all of the Avery property?
A. Yes.
Q. During one of those search efforts, are you familiar that in a detailed search of the interior of all of those vehicles at the Avery property, that the license plates for Teresa's Rav 4 were located?
A. Yes.
Q. Could you describe for the Court where they were located, please.
A. Alongside the entry road going down to Steven Avery's residence and Barbara Avery's residence, on the south side of that road, there was a salvaged vehicle, or a vehicle located right there, that law enforcement personnel that were doing the search located the two license plates inside that vehicle. And they were crinkled up or rolled up, in that type of condition.
Q. All right. And so that the Court is aware, is it
your understanding that literally every vehicle on that salvage yard was searched, not once but at least two times during the course of the week, not only for the body of Teresa Avery, but also for -- excuse me -- Teresa Halbach, but also any items that may have what might be evidentiary value; is that fair?
A. Yes.
Q. Agent Fassbender, I'm going to ask you to direct your attention to the upper left hand corner of Exhibit \#2. There are items which are identified as burn barrels. Could you describe what those are, please.
A. This burn barrel, just to the north of Steven Avery's garage and residence area, had been identified by Mr. Avery as his burn barrel. And then, there are some burn barrels that were located more to the east and south, or southeast of Barbara Avery's house. And then, also a burn pit, or burn area, directly behind Steven Avery's garage, or to the south of his garage.
Q. The last item, or one of the last items identified on Exhibit No. 2, is something called a Plymouth Voyager. Can you tell us where that is and what significance that has.
A. The Plymouth Voyager is located right here, somewhat in between Steven Avery's residence and Barbara Avery's residence. That was a vehicle that Steven Avery had called the Auto Trader and asked them to have someone come out and take a picture of to put in their magazine, for sale.
Q. We'll talk about Mr. Avery's statements later, but did Mr. Avery himself admit that Teresa Halbach took pictures of that Plymouth Voyager on the afternoon of the 31st of October, of 2005?
A. Took a picture of it, yes.

ATTORNEY LOY: I'm going to object on grounds of foundation, your Honor. We haven't heard any testimony that this admission by Mr. Avery was made to this gentleman or to someone else.

THE COURT: Sustained.
ATTORNEY LOY: And move to strike.
THE COURT: The answer is stricken from the record at this point.
Q. (By Attorney Kratz) Did Mr. Avery make those admissions in your presence?
A. Yes.
Q. Okay. Agent Fassbender, also, while in -- Well, let's just jump a little forward. On the 8th of November, 2005, did you have occasion to make
contact with Steven Avery and, in fact, execute an arrest warrant for Steven Avery for a charge of being a felon in possession of a firearm?
A. I believe it was the 9th, but I did do that activity, but $I$ thought it was on the $9 t h$ of November. Was it Wednesday, the 9th?
Q. The -- Agent Fassbender, I'm going to hand you, or show you, what's been marked for identification as Plaintiff's Exhibit No. 6. Can you tell us what that is, please.
A. That is a Miranda Warning Form used by law enforcement to read people their Miranda warning before questioning them. And the date on this shows that it was November 8, 2005, at 12:50 p.m., that these rights were read to Steven Avery.
Q. When you read Mr. Avery those rights, after taking him into custody, did he tell you that he understood his Miranda warnings?
A. Investigator Wiegert actually read the rights to Steven Avery and, yes, he said he understood the rights.
Q. Just so everybody is clear, were you and Investigator Wiegert together in the room and did you observe the, and participate in the,
interview with Mr. Avery?
A. Yes, the rights were read to him in my vehicle, in my presence.
Q. Is that form signed?
A. Yes.
Q. Who is it signed by?
A. Steven Avery.
Q. Is it witnessed by anybody?
A. Myself and Investigator Wiegert.
Q. And upon signing Exhibit No. 6, did Mr. Avery agree to answer questions for you?
A. Yes.

ATTORNEY KRATZ: Judge, I would move the admission of Exhibit 6 at this time?

THE COURT: Any objection to Exhibit 6?
ATTORNEY LOY: Not for this hearing, your Honor.

THE COURT: Exhibit 6 is admitted.
Q. (By Attorney Kratz) Agent Fassbender, during the contact you had with Steven Avery on the day you took him into custody, did you also make any observations of Mr . Avery, of a physical nature, whether Mr. Avery had any signs of injury upon his body?
A. Yes.
Q. Any injuries noted on Mr. Avery that you believed were significant?
A. Yes.
Q. Can you describe those for the Court, please.
A. There was what appeared to be a scabbed over cut, fairly substantial cut, on his middle finger of his right hand.
Q. During the course of your contact, also, with Mr. Avery, did you obtain from him a sample of his saliva on something called a buccal swab, that it was later transported to the Wisconsin State Crime Lab for DNA analysis?
A. Yes, I was present when a registered nurse at the Aurora Medical Center in Two Rivers obtained those samples.
Q. Now, you are not a DNA analyst, are you?
A. No.
Q. Is that the kind of analysis that needs to be conducted by a forensic scientist, or at least somebody with expertise, at a laboratory like the Wisconsin State Crime Lab?
A. Yes.
Q. And, Agent Fassbender, talking about your conversation with Mr. Avery, was Mr. Avery specifically asked questions regarding his
contact with Teresa Halbach on the 31st of October?
A. Yes.
Q. What did Mr. Avery tell you?
A. Mr. Avery told us that, sometime between 8:00 and 8:30 in the morning, he made a call to the Auto Trader to see if he could have a picture taken of that Plymouth Voyager in question, to put in the Auto Trader.

Eventually, he indicated that he made some other calls to Auto Trader and to Teresa Halbach, attempting to determine whether she was going to come out to take those pictures of that vehicle. And that on about -- or at about 2 to 2:30 in the afternoon that day she, in fact, did come out and took a picture of that vehicle.

That when she did that, he came out of the house, saw that she had taken the picture and was recording the serial number on that vehicle. And that he went out to that location outside of that van and paid her $\$ 40$ dollars in cash for that. And then he said she walked over to her vehicle. He accompanied her and she got in her vehicle, gave her a copy -- or gave him a copy of an Auto Trader Magazine, which he took, and he
returned to his house.
Q. Based upon Mr. Avery's admissions of talking to Ms Halbach on the afternoon of the 31st, and based upon your posture as lead investigator in this case, have you determined whether anybody saw Ms Halbach alive after that conversation?
A. No.

ATTORNEY LOY: I'm going to object, your Honor, on grounds of foundation. I think it also calls for an opinion on his part.

THE COURT: Well, he can speak to his own knowledge on the issue. I think how much value it has is dependent on greater foundation, but I will allow him to answer the question.
Q. (By Attorney Kratz) Do you understand the question?
A. Yes. To my knowledge, I had no knowledge that she was seen alive after that point in time.
Q. Was Mr. Avery, specifically, asked about burning items upon his property and, specifically, if he had burned anything on the 31st of October, or anytime thereafter?
A. Yes, he was asked.
Q. What did he tell you?
A. He was asked about the burn barrel, which he
identified as his burn barrel, right there to the north of his residence and garage area. He said that he had not burned in that burn barrel in over a week, or prior to the week before, or prior to the day Teresa came to his house to take that picture.

The burn area, or burn pit behind his garage, which he identified as being right where his dog was, which is where the dog was, right behind the garage, he, again, said he had not burned there either in at least more than a week. And, actually, it was the burn pit area, I'm going to correct myself, the burn pit area that he said that he had not burned in prior -- until prior -- his last burn was prior to the day that Teresa had come on the 31st.

The burn barrel was quite some time, or quite awhile, he said. And he designated at least more than a week, or prior to the week before. And, again, he said that he had not burned in that burn barrel on the night of the 31 st or the day of the 31 st, October 31 st.
Q. Agent, I'm going to ask you to look at a diagram to the left of Exhibit No. 2, that's been marked as Plaintiff's Exhibit No. 3; do you recognize
that diagram?
A. Yes.
Q. Can you tell the Court what that is, please.
A. That's a diagram put together by Wisconsin State Patrol. I think it is based off what they call a total station and, basically, usually done to -I can't think of the word.
Q. Scale?
A. Scale. Done to scale.
Q. Okay.
A. Of some of the Avery property, including Steven Avery's house and residence area.
Q. And, specifically, the area depicted in Exhibit No. 3, is that a larger depiction of what would be the northern most part of Exhibit No. 2, and do you believe it will help explain some of the evidence that is to be described and some of the explanations of the relationship of the evidence to various property, throughout this and other hearings?
A. Yes.
Q. I may have asked you, Agent, Exhibit No. 2 and Exhibit No. 3, do those appear to be accurate reflections and representations of the Avery property and, specifically, as they looked and as
they were laid out between the 5 th of November and the 11th of November, of 2005?
A. Definitely.
Q. Finally, Agent Fassbender, when -- or were there attempts made to identify what were believed to be human remains found upon the Avery property and compare them to standards, or exemplars, of the victim in this case, Teresa Halbach?
A. Yes.
Q. During the course of that process, did you participate in obtaining an exemplar, or what's called an intimate sample, of Teresa Halbach to transport to the Crime Lab for analysis?
A. Yes.

ATTORNEY LOY: I'm going to object, your Honor, there's been no foundation for these questions. There's been no testimony that any samples were found at this point.

THE COURT: Sustained.
ATTORNEY KRATZ: Do you want me to recall this witness, Judge, after seven or eight witnesses testify. My point, Judge, is that I appreciate the objection, but as to the transport of the exemplars, that's the only part of the DNA part of this case that this witness will testify. If the Court would
be so kind as to at least hear the testimony and reserve ruling on the objection when that evidence is presented at that time.

THE COURT: Well, as I understand Mr. Loy's objection, if the witness is going to answer yes to this, he could at least explain where they came from. I don't know that -- if I understand your objection correctly, Mr. Loy.

ATTORNEY KRATZ: He said there was no testimony about any remains being found yet. There will be other witnesses that will testify to that, Judge. It's the analysis and matching of those remains later that I'm just asking this witness if he obtained what's called an intimate sample, for the victim.

THE COURT: Okay. But there hasn't been any testimony about where they came from, even from where he understood they came from.

ATTORNEY KRATZ: All right. I can certainly do that, Judge, and then we'll have other witnesses testify about that.
Q. (By Attorney Kratz) Agent Fassbender, did you become aware, as lead investigator, that human remains were found upon the Avery property during the execution of the search warrant between the

5th and 11th of November of this year?
A. Yes.
Q. And could you describe and point, for the Court, the area where you not only were aware, but where you were shown, human remains were found on this property.
A. That area would be the burn area, or identified as the burn area, right behind Steven Avery's garage, or to the south of his garage. That was that burn pit area, right there.
Q. And what was the nature, to the best that you observed --

ATTORNEY LOY: Your Honor, just -- I would like to interpose an objection at this point, we still don't have foundation. I don't know if this witness is testifying about things that he found or that somebody else found. And I understand what Mr. Kratz is trying to do, but I think we may be trying to put the cart before the horse here in terms of having this testimony.

THE COURT: Well, $I$ will let this witness testify at this time what he did with whatever he was told. I will reserve ruling on your objection. I'm obviously not going to take his answers as evidence of actual transport of remains without
there being tied in with subsequent testimony. I think that addresses your objection, which at this point $I$ view as very well taken.

ATTORNEY KRATZ: Just as an offer of proof, Judge, there will be testimony from at least three witnesses as to the actual excavation and recovery of that scene. I intend to ask this witness, as a result of that, did he obtain what was commonly called an exemplar, from the victim, thereafter.

THE COURT: I think you do have to ask this witness, though, and establish a foundation how he got whatever it was that he sent in, for his role, and then you can --

ATTORNEY KRATZ: I'm going to do that, Judge.

THE COURT: All right.
Q. (By Attorney Kratz) Agent Fassbender, again, with just what you were told and what you observed, what was the nature of the human remains found in what's referred on Exhibit \#2 as the burn area, it's also referred to the same thing on Exhibit 3?
A. What was found -- The nature of what was found was charred bones, human bones and some tissue.
Q. Did you understand that those remains were
transported, for analysis, to places including the Wisconsin State Crime Laboratory, for what's commonly referred to as a DNA analysis?
A. Yes.
Q. And regarding that process, were you asked to identify, obtain, and, thereafter, have transported to the Wisconsin Crime Laboratory, again, for analysis, what's referred to as an intimate sample of Teresa Halbach?
A. Yes.
Q. Were you able to identify, and were you able to find, such a sample?
A. Yes.
Q. Could you tell the Judge how you did that, please.
A. Initially, I looked into Teresa Halbach's health and medical history to see if we could find some such samples. And I was able to locate pap smear slides that she had provided, or were taken from her, at the Bellin Health up in Green Bay and were being maintained at the Bellin Health Lab in Green Bay. They identified three or four such samples that were taken during the past five years. They maintain those samples for five years.
Q. And your role in the identification of those such samples -- I should say, recognizing that role, were you then also asked to retrieve, and have transported, those intimate samples to, specifically, Sherry Culhane, at the Crime Lab in Madison, for analysis?
A. Yes, I obtained them from Bellin Health Lab. They were packaged and sealed. I put them in another envelope and sealed them and they were, ultimately, transported to the Wisconsin State Crime Laboratory.
Q. All right. Agent Fassbender, the scene itself, that is, the Avery property, when the search warrants were done being executed and the analysis of all these areas was completed, was that then turned back over to the Avery family?
A. Yes.

ATTORNEY KRATZ: All right. For this hearing, Judge, that's all the questions I have of Agent Fassbender. Thank you.

THE COURT: Mr. Loy.
ATTORNEY LOY: Thank you, your Honor.

## CROSS-EXAMINATION

BY ATTORNEY LOY:
Q. Officer Fassbender, were you the officer in
charge of this investigation?
A. No. Not in its entirety, no.
Q. Were you one of the two officers leading the investigation?
A. Yes.
Q. And you were present when the search warrants were executed at the Avery property?
A. Yes.
Q. Okay. Including the warrant that led to the search of Mr. Avery's trailer?
A. Yes.
Q. Okay. And that trailer was searched three times; is that correct, pursuant to warrants?
A. Two or three. One of the actual searches may have been more gathering of evidence that was identified on one of the searches, depends if you want to call it a search or --
Q. And you and the other investigators first started searching the Avery property on November 5th; is that right?
A. Yes.
Q. You have mentioned some bones and some tissue; is that correct?
A. Yes.
Q. And were you the one that found those?
A. No.
Q. Okay. Do you recall the date those were found?
A. I'm going to say I'm not sure, 8th or 9th, November 8 th or 9 th.
Q. You indicated that there were a number of people who assisted in searching the Avery property; is that correct?
A. That's correct.
Q. And there were hundreds of these people?
A. Over the course of that week, certainly.
Q. At any one time, how many people would usually be there searching through things?
A. I don't know if $I$ can answer that right now.
Q. I mean, could it be that there were at least 50 people on the grounds of Avery Salvage, searching?
A. Yes.
Q. Okay. And what were these people doing? Where were they searching?
A. It depends what day you are talking about and what time. Sometimes they were -- we had people searching the vehicles in the pit area. We had people searching in the office area. We had teams searching in the residences.
Q. Was pretty much every square inch of the property
searched?
A. I can't say every square inch of property was searched, but the property was searched, the entirety of the property was searched.
Q. Searched pretty thoroughly?
A. I believe so.
Q. And who were these people, that were doing the searching?
A. Primarily law enforcement personnel, to include the State Patrol, upwards of 50 or 60 members of the State Patrol, on at least two days. And then, I believe, members of the fire department, professional fire department, came out and assisted also.
Q. Fire departments from where?
A. Most of them -- I'm not going to say. I don't know for sure.
Q. You don't know for sure. Okay. Um, were there officers in charge, monitoring what these searchers were doing?
A. Yes.
Q. Was somebody from the Calumet Sheriff's Department or from DCI watching every searcher?
A. Watching every searcher?
Q. Yes.
A. I would have to say no to that. When you have got 60 troopers in the back searching cars, there wasn't someone from Calumet or DCI with each of those troopers, no.
Q. What about the searchers who were looking in areas other than the cars, the residences, the business areas, up, basically, where we have the scaled diagram? How many people were searching that area and how were they monitored?
A. I can't say for sure how many people were searching that area, but when it came to searching the residences and the buildings, there was a DCI agent or a Calumet County personnel with them.
Q. You testified that her license plates were found in a vehicle, and I think there is an arrow pointing to it on a diagram; is that correct?
A. Yes.
Q. Did you find those or did someone else?
A. Someone else.
Q. Okay. Do you know who found those plates?
A. By name, no, but $I$ believe it was a trooper.
Q. Who -- It looks like you gave Mr. Avery his Miranda warning; is that correct?
A. No, Investigator Wiegert read his Miranda
warnings to him.
Q. And you signed as a witness?
A. Yes.
Q. Where was Mr. Avery when this Miranda warning was given?
A. He was in the back seat of my car, as was Investigator Wiegert. I was in the front seat behind the wheel. And it was at his -- in the driveway of his brother's residence, Earl Avery.
Q. Were any other officers in the car with -- with the three of you?
A. No.
Q. Was Mr. Avery under arrest at that time?
A. Yes.
Q. He had just been arrested on the gun charge?
A. Yes.
Q. And was he in handcuffs?
A. No.
Q. Did he, at that time, indicate that he wanted to see an attorney?
A. No.
Q. Did he indicate that he didn't wish to speak with you?
A. No, not at that time.
Q. Were you aware that Mr. Avery was represented by
attorneys?
A. I believe I was aware that he had a civil suit going and he probably had attorneys on that civil suit.
Q. Were you aware of any efforts made by those attorneys to contact Mr . Avery or to contact you?
A. No.
Q. Why wasn't Mr. Avery cuffed after his arrest?
A. We spoke with him and Investigator Wiegert asked him if he would continue to cooperate in the sense that he wouldn't get physical or anything and, if so, he would not be handcuffed. And he agreed to do that.
Q. Now, at the time of his arrest, was he only arrested for the gun charge?
A. Yes.
Q. He wasn't arrested at that time for anything related to a homicide or anything related to Teresa Halbach; is that correct?
A. Correct.
Q. And he was in the backseat of the squad?
A. My vehicle, it is a state owned vehicle, but it's not a marked squad or anything. There's no barriers or anything between the front and the back seats.
Q. And Officer Wiegert was in the back seat with Mr. Avery?
A. Yes.
Q. And you were driving?
A. Yes.
Q. You observed a scabbed over cut on the middle finger of Mr. Avery's right hand; is that right?
A. Yes.
Q. And Mr. Avery told you how he got that cut, didn't he?
A. If he said it, when he said it, I wasn't present, no. He didn't tell me.
Q. Nothing that you heard?
A. No.
Q. Was Mr. Avery cooperative with you and Officer Wiegert?
A. Yes.
Q. He answered your questions?
A. Yes.
Q. And he told you that Ms Halbach had been there and had taken a picture?
A. Yes.
Q. And then she had driven away?
A. Yes, he said about less than five minutes she was there.
Q. When did you first arrive on the Avery property?
A. Saturday, November 5, mid-afternoon. I'm thinking it was around 3, 2:30, 3 p.m.
Q. And what did you do when you first arrived?
A. Met with the investigators, the sheriff of Calumet County, in a command post at the Avery property and became -- got briefed on what was happening up to that point.
Q. And you were told that the Rav 4 had been found?
A. Yes.
Q. Okay. At that point, there hadn't been any other evidence found, other than the Rav 4?
A. I believe that's correct.
Q. Okay. And this command post, was it inside one of the Avery buildings?
A. No.
Q. Where was it?
A. They had a trailer out there, command post trailer from the Sheriff's Department.
Q. From the Calumet Sheriff's Department?
A. They had one from each. I don't know if Calumet's was there yet. But they had one from Manitowoc County and Calumet County brought one also.
Q. So, after you got briefed, what did you do next?
A. I believe -- I'm not sure, but I believe the search warrant was being obtained for the property at around that time, that the search warrant was obtained and executed.

I went down by where the Rav 4 was located, along with an investigator from Calumet County, and observed its location and the state it was in. After making those observations, I believe we walked -- Some time after that, I don't know exactly how long after that, we walked that berm, on the other side of that berm, with one of the cadaver dogs that had arrived at the scene.
Q. When you went down by the Rav 4, was anyone else there?
A. Yes.
Q. Who was there?
A. There were deputies from Calumet County that were standing in the vicinity, securing that location, securing that vehicle.
Q. About how many?
A. I know one, for sure, that was near that vehicle.
Q. Anybody else, other than Calumet County deputies?
A. Around that vehicle, not that $I$ know of.
Q. Were other people down in the pit area besides
the deputies who were securing the vehicle?
A. When I went down there?
Q. Yes.
A. There was another vehicle near the crusher, one or two vehicles. And there were deputies there, staged there also. I just can't remember who else went down with me, if they did. The sheriff may have come down with me also.
Q. Now, you have testified that you were involved in processing the Rav 4; is that correct?
A. Making the decisions on the processing of the Rav 4.
Q. You didn't actually do any of the actual processing yourself?
A. That's correct.
Q. Okay. And you were part of the decision that was made to take the entire vehicle to the crime lab; is that right?
A. Correct.
Q. Did you supervise that processing?
A. I was -- I took the tow truck that went down there. I escorted them down there, along with the vehicle and the trailer that the Rav 4 was transported in. I then maintained a position near the crusher, in the pit area.

The Crime Lab personnel then accompanied the tow truck to the Rav 4 and oversaw that as they removed it from its location, back to my location, where it was backed into the trailer.
Q. Where was the tow truck from?
A. I do not know.
Q. So, the Rav 4 was towed from the location it was found, to the location where the -- where the trailer was. Maybe you could show us that on the map.
A. Okay. The Rav 4 is down here, the southeast area. The tow truck, along with the truck pulling the trailer, and myself, came down here into this pit area. And then the crusher is somewhere in this location here. And we staged right in this area right here.

The tow truck had to go back in there with the Crime Lab personnel, picked up the vehicle, brought it back out to this area where I was again. They backed that Rav 4 into that enclosed trailer.

Now, the trailer and the truck pulling the trailer and the driver were from Calumet County. I'm not sure about the tow truck operator. I had the name of the tow truck and I
just can't remember it right now.
Q. Were you present when the Rav 4 was hooked up to the tow truck?
A. No, I was staged here. Crime lab personnel were with the vehicle.
Q. When you first saw the Rav 4, did it still have branches and other things covering it?
A. When $I$ first saw it?
Q. Yes.
A. Yes.
Q. Okay. So, I take it that once the vehicle was towed to your location, although it was no longer covered with any branches or anything, right?
A. Yes, that's correct. The Crime Lab personnel told me that they inspected and processed those items. Some of them were transported with the vehicle, the others were left at the scene after being inspected.
Q. And you supervised loading the Rav 4 into the trailer?
A. Crime Lab personnel and myself, I was present.
Q. And how was that done?
A. That was backed into the trailer by the tow truck operator.
Q. Okay. So, just pushed into the trailer?
A. Yes, with a big -- a rather large enclosed trailer with a ramp. And the tow truck operator backed it right up that ramp into the enclosed trailer.

ATTORNEY LOY: No further questions, your Honor.

THE COURT: Any redirect?
ATTORNEY KRATZ: No, Judge. I am, however, with his testimony of the Exhibits 2 and 3 being accurate depictions of, one, a photograph and, one, a diagram of the Avery property, I will move their admission into evidence. I believe I have already with Exhibit 4; is that correct?

THE CLERK: Yes.
ATTORNEY KRATZ: Or 6, I'm sorry.
THE CLERK: Four you did and six.
ATTORNEY KRATZ: I have with 6 as well?
THE CLERK: Yes.
ATTORNEY KRATZ: All right. And 2 and 3, I'm moving their admission, Judge.

THE COURT: Any objection to Exhibits 2 and 3?

ATTORNEY LOY: No objection for purposes of this hearing, your Honor.

THE COURT: Exhibits 2 and 3 are admitted.

The witness is excused. The State may call it's next witness.

ATTORNEY KRATZ: The State would call Dan Kucharski to the stand.

THE CLERK: Raise your right hand.
DEPUTY DAN KUCHARSKI, called as a witness herein, having been first duly sworn, was examined and testified as follows:

THE CLERK: Please be seated. Please state your name and spell your last name for the record.

THE WITNESS: Daniel J. Kucharski, $\mathrm{K}-\mathrm{u}-\mathrm{c}-\mathrm{h}-\mathrm{a}-\mathrm{r}-\mathrm{s}-\mathrm{k}-\mathrm{i}$.

## DIRECT EXAMINATION

BY ATTORNEY KRATZ:
Q. Mr. Kucharski, how are you employed?
A. I'm employed with the Calumet County Sheriff's Office as a patrol deputy.
Q. What are your duties as a patrol deputy?
A. Routine patrol and I'm also an evidence tech for the department.
Q. Just briefly, tell us what a evidence tech is, please.
A. Search for, identify, and collect evidence at crime scenes.
Q. Deputy Kucharski, between the 5th of November,

2005, and the 11th of November, 2005, were you asked to serve in that capacity, as an evidence tech, and did you, in fact, search residences, out buildings, and other areas of the Avery property?
A. Yes, I did.
Q. I'm going to, specifically, ask you about the residence of Steven Avery. Let's refer to Exhibit No. 3. It's a little bit bigger. It's a diagram which has a depiction of something called Steven Avery's residence; do you recognize that?
A. Yes, I do.
Q. And if you can take that device that's in front of you, the yellow button in the middle of it would be the laser pointer part of it. Could you tell us if you have had occasion, during that relevant time frame, to search the interior of what's identified on that diagram as the Steven Avery residence?
A. Yes, on two separate occasions I was inside the Steven Avery evidence (sic), searching and collecting evidence.
Q. You said on two separate occasions, are you aware that Mr. Avery's residence and, in fact, many of the residences, out buildings, office, and the
like, were searched on more than one occasion?
A. Yes.
Q. Perhaps you can explain, for the Court, the nature of those searches and why more than one search was done, specifically, of Steven Avery's residence.
A. On the 6th, that would have been Sunday, myself and my search team were given the task to collect two weapons, some bedding, and a vacuum from the Avery residence.
Q. All right. Let's talk about that for a minute. This residence, can you describe what kind of a residence it is.
A. It was a trailer home, the address was 12932 Avery Road, it was red in color.
Q. The interior of this residence, did it include rooms that normal residences would have, that is, bedrooms, bathrooms, kitchen, things like that?
A. Yes, it did.
Q. Was one of the rooms an area that you believe to be that of Steven Avery's bedroom?
A. Yes.
Q. Can you tell the Court why you believe that to be Mr. Avery's bedroom.
A. We did find what we called identifiers inside the
bedroom: Papers, pictures, things with Steven Avery's name on it, photos of Steven Avery.
Q. All right. In that room, that included these personal identifiers and pictures of Mr. Avery, did you find any firearms?
A. Yes, we did. We located and collected two rifles that were on the wall above the bed in that room.
Q. Describe those rifles for me, please.
A. One was a Glenfield Model 60, . 22 caliber, semi-automatic rifle. The other was a Connecticut Valley Arms, . 50 caliber, muzzleloading black powder rifle.
Q. Were you the officer who actually seized and collected those items?
A. Yes.
Q. Now, Officer Kucharski, before we go any further, I'm going to show you what's been marked for identification as Plaintiff's Exhibits 7, 8, and 9, ask if you can identify those exhibits and tell us what they are, please.
A. These are State of Wisconsin court records, Judgments of Convictions against Steven Avery. Q. Specifically, Exhibit No. 7, is that a record, certified record, regarding a Manitowoc County case, No. 80 CR 773?
A. Yes, it is.
Q. And does it list a conviction dated March 23 --

THE COURT: Just a second.
ATTORNEY KRATZ: I'm sorry, Judge.
THE COURT: Mr. Loy, does the defense require details on these exhibits?

ATTORNEY LOY: Your Honor, I think the Court could take judicial notice, based on the certified convictions, that Mr. Avery does have at least one felony conviction.

THE COURT: All right. Is the State offering Exhibits 7,8, and 9?

ATTORNEY KRATZ: I am, Judge. And if there is a stipulation, I will be happy to accept that, as Mr. Avery having prior convictions that remain, of record, unreversed.

THE COURT: For purposes of this hearing, any objection from the defense?

ATTORNEY LOY: No objection, your Honor.
THE COURT: All right. Seven, eight and nine are admitted.
Q. (By Attorney Kratz) Deputy Kucharski, in a further search of Mr. Avery's property, did you have occasion to search what's identified on Diagram 3, at least, with a gray box and a
similar representation on the photograph, Exhibit No. 2, Mr. Avery's garage?
A. Yes, I did. That was also on the 6th of November. Myself and my search team were asked to search and collect any evidence that we found inside that garage.
Q. And did you do that?
A. Yes, I did.
Q. And upon searching the garage, did you find any evidence which may be relevant to firearms?
A. Yes, we did. We found empty . 22 caliber, long rifle casings.
Q. What are referred to as spent shell casings?
A. That's correct.
Q. How many of those did you find in that garage?
A. Ten of them.
Q. Now, Deputy Kucharski, you talked about different, or additional searches of Mr. Avery's residence, or his property, did that occur by you?
A. Yes, on the 8th, we were given the task -- myself and my team were given the task to collect a few specific pieces of evidence at the Steven Avery residence and then conduct a thorough search of the residence.
Q. When we're talking about a thorough search of the residence, could you describe for the Court why that search may have been different than previous searches that you had performed of Avery's residence?
A. The first time we were sent into the residence, we were specifically told just to collect the three separate items: The weapons, the bedding, and the vacuum, from the middle bedroom. We did not search it at all.
Q. So the Court is clear, at least on that first day, you didn't do what you would call, at least, a thorough search of Mr. Avery's residence; is that right?
A. That's correct.
Q. What day did you do that?
A. That was on Tuesday, the 8th.
Q. And during the search of Mr. Avery's residence, including his bedroom, what, if anything, did you find of interest?
A. We collected pornographic material. We collected ammunition that we found in the bedroom. And then, at one point, we found a key that appeared to be from a Toyota vehicle, collected that.
Q. Could you tell me within the residence, or within
the bedroom, where that Toyota key was found?
A. Toyota key would have been found about 2 feet away from the door entering into the residence, next to the bed. It was on the floor when we found it, next to a cabinet that my team had been searching.
Q. Did you have occasion to collect that key?
A. Yes, I did.
Q. And did anybody, to your knowledge, other than you, with the use of latex gloves or some other protective device, anybody ever touch that key, other than you?
A. Not while it was in my possession.
Q. After processing the key, after collecting it and placing it into an evidence bag and sealing it, did you have that key sent to the Wisconsin State Crime Laboratory for further analysis?
A. Yes, I did.

ATTORNEY KRATZ: That's all the questions I have of Deputy Kucharski, Judge. Thank you.

THE COURT: Mr. Loy.

## CROSS-EXAMINATION

BY ATTORNEY LOY:
Q. Officer Kucharski, did you review any reports of any prior searches before you did your search on
the 8th?
A. No, I did not.
Q. Did you talk with any officer who had done any previous searches?
A. Not about the search of the residence, no.
Q. Who else was searching with you?
A. At which time?
Q. On the 8th, when you testified you found a key.
A. That would be Lieutenant Lenk and Sergeant Colburn?
Q. And were the three of you in the bedroom at the same time?
A. Yes, we were.
Q. And how were you conducting this search? What were the three of you doing?
A. Generally, start top to bottom. You work your way methodically through the room, open everything, look under everything, look through everything.
Q. Would that include, for instance, sorting through everything that you found in a drawer?
A. Yes.
Q. Okay. And taking each item out of the drawer and looking at it and then putting it back; is that how you do it?
A. To a certain point.
Q. Okay. During this search, were you and the other officers wearing gloves?
A. Yes, we were.
Q. And did you wear the same gloves throughout the search?
A. No.
Q. How often would the three of you change gloves?
A. I can only testify as to what I did there. As I would be writing or photographing, it was tough to do with the gloves on so I would take them off periodically and take fresh gloves then.
Q. So, how often did you change your gloves, do you think?
A. In a day, or just a time period?
Q. Well, I'm talking, specifically, about the search on November 8th?
A. Okay. I did several searches on that day. The search of the Avery residence, Steven Avery's residence, I probably changed my gloves approximately two or three times.
Q. All right. When did you change those gloves?
A. Like I said, usually it was to -- if I had to write something, or if $I$ was photographing.
Q. Do you remember the specific times when you
changed the gloves?
A. No.
Q. Do you remember changing gloves around the time that the key was found?
A. Yes, I did.
Q. And what would you -- what could you tell us about that?
A. We were finishing up the search in the room. I had finished up the section that $I$ was searching, the night stand. I took off my gloves. Lieutenant Lenk was making a phone call. That was why I took off my gloves. We had finished up the search of that room, were finishing up the search of that room.
Q. Were you and the other searchers watching each other during this search?
A. During this specific time that we were in Steven Avery's bedroom, we were, at maximum, three or four feet away from each other. It's a small bedroom. We were always in each other's peripheral vision.
Q. But you weren't watching each other, were you?
A. We were searching, correct.
Q. You were looking at what you were searching; is that right?
A. Yes.
Q. Okay. Now, this key, you are saying, was found on the floor?
A. Yes.
Q. Was it underneath anything?
A. Not when we saw it, no.
Q. Okay. You had been in the room for how long before the key was noticed?
A. I'm not sure. It was less than an hour.
Q. Okay. It was just -- When you saw it there, it was sitting out there in plain view, right on the floor; is that right?
A. Yes.
Q. Okay. And no one had seen it for at least an hour?
A. Correct.
Q. And when you had been at the residence before, on November 6th, no one had seen the key then either, right?
A. I didn't see the key then. I can't testify to anybody else.
Q. No one mentioned seeing it?

ATTORNEY KRATZ: Judge, I'm going to interpose an objection. I think this officer said he didn't search on the 6th. I think that is his testimony.

THE COURT: Well, he was in the bedroom to pick up some items. He didn't thoroughly search it, I think that was his testimony.
Q. (By Attorney Loy) Just to clarify, on the 6th of November, you did go in the bedroom; is that right?
A. Yes. I walked into the bedroom. I looked at the weapons on the wall, then I walked out into the living room.
Q. Okay. And you went in there with Lieutenant Lenk, Detective Remiker, and Sergeant Colburn; is that right?
A. On the 6th, that's correct.
Q. On the 6th. And Lieutenant Lenk and Officer Colburn are officers of Calumet County?
A. No, Manitowoc County.
Q. And Officer Remiker is also from Manitowoc County?
A. Also, yes.
Q. Okay. And to your knowledge, no one saw this key sitting on the floor at that time?
A. Not that $I$ know of.
Q. When you finally did see the key, was it pretty obvious?
A. Yes, it was laying out in the open.
Q. Okay. And do you have any explanation for -Strike that. Now, there was also a search done on November 5th; is that right?
A. Search of?
Q. Of Mr. Avery's residence, Steve Avery's residence?
A. I don't know for sure.
Q. Is that the day when -- Let me just find it here. Is that the day when you took the vacuum cleaner?
A. No.
Q. That was the day when Steve Avery's residence was searched pursuant to a warrant; is that right?
A. I'm not aware on the 5 th; I was searching the junk yard with cadaver dogs.
Q. So, you weren't present for the search on the 5th?
A. If there was one, correct, I was not at the Steven Avery residence on the 5th.
Q. Okay. And so you don't know if a thorough search was done on that day or not?
A. Correct.
Q. What's a thorough search? Could you describe that.
A. Again, starting top to bottom, open everything,
look under everything.
Q. Had you talked with any officers about -- about the search on the 5th?
A. Again, not about the search on the 5th, no.
Q. Were you aware there had been a search done on the 5th?
A. I don't remember at what point I heard about any searches.
Q. Were you aware that there was also a search done, with Mr. Avery's consent, on November 4th?
A. No.
Q. But as far as you know, no one saw this key until November 8 th; is that right?
A. Correct.
Q. Now, when you saw the key, what did you do next?
A. It was actually Lieutenant Lenk that saw the key first.
Q. Okay.
A. He pointed to the floor and said, there's a key there. We all kind of looked at the key. I said, stop, everybody stop their searching. I took the camera, photographed the key, put on a pair of gloves and took the key into custody.
Q. Okay. And how do you do that?
A. I put it inside a paper bag that I brought into
the residence from my evidence kit. It was a new paper bag.
Q. Okay. This evidence kit, what was in your evidence kit?
A. Evidence collection materials.
Q. What kinds of things?
A. I have a tackle box full of equipment, fingerprint equipment. And then, in the back seat of the squad, $I$ also put plastic bags, paper bags, boxes, that type of thing.
Q. Was there any other evidence in this kit?
A. No.
Q. Okay. And were the bags in the kit?
A. The bags were inside a plastic bag, sealed in a plastic bag like you get from a store. I opened up the plastic bag when $I$ started taking things into evidence.
Q. What kind of bag did you put the key in?
A. Just a paper, kind of like a lunch bag.
Q. Okay.
A. Brown paper.
Q. Can you describe the process you went through in collecting the key. What did you do?

ATTORNEY KRATZ: Your Honor, I'm going to interpose an objection. I haven't until this point,
but this is well beyond probable cause determination. This is all discovery.

THE COURT: Mr. Loy.
ATTORNEY LOY: Well, your Honor, I think this is a pretty crucial piece of evidence. I think it's important in determining plausibility, to determine how this piece of evidence was found and what was done with it. That's what I'm trying to determine here.

THE COURT: Well, the question here at a prelim is plausibility rather than credibility. I think questions on both sides have probably gone beyond what's normally involved in the scope of a prelim. I'm going to sustain the objection. I understand that eventually this may be crucial for the defense, but for purposes of prelim, I'm going to sustain the objection.

ATTORNEY LOY: Okay.
Q. (By Attorney Loy) How long were you in Mr. Avery's residence on the 8th?
A. I would have to look at my report to see the exact time. It was several hours.
Q. At least a couple hours?
A. Yes.
Q. And the other officers were also in there at the
same time --
A. Yes.
Q. -- with you? Okay. Those were two other officers?
A. On the 8th, correct, the other people in my search team.
Q. That was Officer Colburn and Officer Lenk?
A. Sergeant Colburn, Lieutenant Lenk, yes.
Q. Would you be willing to just draw us a diagram of exactly where this key was found?

ATTORNEY KRATZ: Judge, same objection. This is just what the Court, I think, had hoped wouldn't happen, goes well beyond the preliminary hearing scope.

ATTORNEY LOY: I think it goes to plausibility, your Honor. It seems that this key was within obvious sight and I guess it's surprising and somewhat disturbing that the key hadn't been noticed before. So I'm just trying to develop more information about the location of the key.

THE COURT: Well, the witness has already testified that the key was out in the open. I clearly understand your point on credibility. But on plausibility, there's nothing to prevent it. I mean -- so I'm going to sustain the objection.
Q. (By Attorney Loy) The key was near some bedroom slippers?
A. Yes.
Q. How close to the bedroom slippers was it?
A. A couple inches away.
Q. And there's a desk, there's a cabinet right next to the desk; is that right?
A. Yes.
Q. And then, next to that, was some bedroom slippers?
A. Next to the cabinet was the key and then the bedroom slippers.
Q. All right. Were the bedroom slippers moved during the search?
A. Yes.
Q. And that's something that you ordinarily would do, right?
A. Yes.
Q. Okay. And do you remember, did you move the bedroom slippers, or did someone else?
A. One of the other search team members moved the slippers.
Q. And those slippers were moved before the key was seen?
A. Yes.
Q. And the first time they were moved, nobody saw the key?
A. The key wasn't there the first time they were moved.
Q. Do you have any idea how the key got there?
A. Yes, we were searching the cabinet. Lieutenant Lenk and Sergeant Colburn were searching the cabinet next to the desk. They were pulling books in and out of the cabinet, photographs in and out of the cabinet.

They were moving the cabinet, eventually
putting the books and photographs and things back into the cabinet, banging things around, moving it. We believe it either fell out of the cabinet or from some place hidden inside the cabinet or underneath the cabinet, or in back of the cabinet.
Q. You didn't actually see this happen, though?
A. No.
Q. You didn't hear anything fall to the ground?
A. It was carpeted. No, we didn't hear anything.
Q. Okay. And did you go back and look in the cabinet again to try to figure out where the key might have come from?
A. No.
Q. Okay. So, your testimony today about where the key might have come from, that's -- that's an educated guess on your part; would that be fair to say?
A. Yes.

ATTORNEY LOY: Nothing further.
THE COURT: Any redirect?
ATTORNEY KRATZ: Not for this hearing, Judge.

THE COURT: All right. The witness is excused. We'll take our afternoon break at this time.

ATTORNEY KRATZ: How long, Judge?
THE COURT: After 10 minutes, I would like counsel to see me in chambers.
(Recess taken.)
THE COURT: Mr. Kratz, you may call your next witness.

ATTORNEY KRATZ: Thank you, Judge. State would call Tom Sturdivant to the stand.

THE CLERK: Please stand.
SPECIAL AGENT THOMAS ALLEN STURDIVANT, called as a witness herein, having been first duly sworn, was examined and testified as
follows:
THE CLERK: Please be seated. Please state your name, spell your last name for the record.

THE WITNESS: Special Agent Thomas Allen Sturdivant, $S-t-u-r-d-i-v-a-n-t$.

DIRECT EXAMINATION
BY ATTORNEY KRATZ:
Q. Mr. Sturdivant, how are you employed?
A. Employed as a Special Agent with the Wisconsin Department of Justice, Division of Criminal Investigation.
Q. In that capacity, did you assist other law enforcement officers in the property known as Avery Auto Salvage, sometime between the 5th of November and the 11 th of November?
A. I did.
Q. During that relevant time period, did you notice, and did you thereafter observe, an area which is now being known as the burn area?
A. I did.
Q. On Exhibits No. 3, which is the scaled diagram, and on the photo, which is Exhibit No. 2, which both have been received into evidence, do you see that area on those exhibits?
A. I do.
Q. Could you describe for the Court, please, what, if any, observations you made of that burn area.
A. I was out looking at various locations that were discovered, pointed out by the search teams. I eventually made my way over to Mr. Avery's property.

And behind the detached garage was a mound of dirt, which was new to the landscape, not necessarily recently, but was a pile or mound of dirt which consisted of probably rock and sand and other materials. Behind his garage, at the end of that mound of dirt, on the south side, was a area that had been scraped out and contained charred matter.
Q. During -- By the way, what day was it that you observed or closer -- or in a closer manner inspected that area?
A. That was on November 8th.
Q. After inspecting that charred matter, did you request the assistance of any members of the Wisconsin State Crime Laboratory, Field Response Unit, to further look at that area?
A. I did.
Q. And tell us what happened, please.
A. Myself and three members of the Wisconsin State

Laboratory team, and another officer from Manitowoc County, looked at that debris. And my initial observation was that it appeared to be bone matter, so I had summoned the assistance of the Crime Lab.

As I looked closer, it appeared to me that there was more bone matter within the charred material. So I asked their assistance, realizing that they had sifting equipment. We decided at that point it would be easier to sift through that matter and pick out any bone matter, to include teeth, that we had identified.
Q. The sifting of that particular burn area, did that result in the recovery of what you believed to be -- to be human remains, including bone, teeth and tissue?
A. Yes.
Q. After the recovery of that material, did you, with the assistance of the Field Response Unit of the Wisconsin Crime Lab, package up those materials and send them, not only to the Crime Lab but also to a forensic anthropologist, for further analysis?
A. Yes, we did.
Q. Agent Sturdivant, I understand that the recovery
process took at least a couple of days; is that correct?
A. It did. We sifted the charred debris on the 8th. The stuff that we had recovered, we packaged up and put into a secured trailer. Then, on Thursday, we sifted through that debris again locating additional bone fragments and teeth. And Thursday afternoon there were other members from the Division of Criminal Investigation that also processed the so called pit, if you will.
Q. Just so the Court is aware, the recovery of some of the soil and some of the other ash and other materials, that remains to be further analyzed in Madison; is that correct?
A. That's correct.

ATTORNEY KRATZ: For this hearing, Judge, that's all the questions I have of Agent Sturdivant.

THE COURT: All right. Mr. Loy.
ATTORNEY JOHNSON: Actually, Judge, I'm going to be.

THE COURT: Excuse me. Mr. Johnson.
ATTORNEY JOHNSON: Thank you.
CROSS-EXAMINATION
BY ATTORNEY JOHNSON:
Q. Agent Sturdivant, you are a special agent with

DCI; is that right?
A. That is correct.
Q. And when were you assigned to go up to this scene?
A. That was on Thursday, November 8th. I'm sorry, Tuesday, November 8th.
Q. What time of day?
A. I had gone over there probably 8:00 in the morning.
Q. You work out of Madison?
A. No, I work out of Wausau.
Q. And Agent -- the other agent who was there, Fassbender, does he work with you out of that same office?
A. Tom Fassbender is out of the Appleton office. I used to work out of the Appleton office, but now I'm out of Wausau.
Q. So, agents from both Appleton and Wausau were called to the scene?
A. As well as other agents from other offices throughout the state.
Q. You got there, then, on the 8th. Do you remember what time of day?
A. I'm thinking it was roughly 8 a.m.
Q. Okay. And you went first to the -- was there
like a trailer set up as the headquarters or crime scene headquarters?
A. We referred to it as a command post, yes.
Q. Okay. Where was that?
A. That was towards the entrance to the Avery Salvage Yard.
Q. Towards the entrance, do you have an exact location where that was? I mean, when you say towards the entrance, what do you mean?
A. I can point it out on the map, if you would prefer.
Q. Thank you.

THE COURT: There's a pointer right in front of you.

ATTORNEY KRATZ: The yellow button right in the middle is the laser part of the pointer. Might be upside down. The other way, Tom, point it the other way. I think it's pointing towards you.
A. I believe the command post was set up in this area.
Q. Is that a DCI command post, or Calumet County, or what is that?
A. I guess I would consider it a joint command post. There were a number of different vehicles there from Manitowoc, Calumet, but DCI does not have a
command post vehicle.
Q. So, there's a Manitowoc County Sheriff's vehicle?
A. I believe there were several vehicles there. But I think the primary -- the primary command post, I believe it was a Calumet County trailer that they had positioned at the entrance.
Q. Okay. And at what time of day were you -- did you go over to the area you referred to as the burn area?
A. Well, it was approximately 1:30. The search teams had located a variety of items of interest, if you will. And myself and two other agents were assigned to go out and take a look at those things, whether they be earthen piles, disturbed ground, what have you. We went out to assess those things to see if there was anything of evidentiary value.
Q. You're talking about now 1:30 you did that?
A. Yes.
Q. What had you been doing between 8 a.m. and 1:30?
A. Between 8 a.m. and 1:30, my first responsibility was to execute a search warrant at the office.
Q. And you did that?
A. I did that, yes.
Q. And who was there doing that with you?
A. I was there, it was myself, Special Agent Deb Straus and Special Agent Joe Kapitany arrived at the latter part of the search.
Q. How long did that take?
A. That took -- I think I was completed with that sometime around noontime.
Q. Okay. And then, at $1: 30$ is when you were called out to the burn area?
A. That is correct, approximately 1:30.
Q. And when you got there, who was there at that burn area?
A. Again, I made my way across -- across the salvage yard. And when I arrived, there was a deputy from Manitowoc County by the name of Jason Jost.
Q. Okay. Anybody else?
A. There was another female officer from, I forget what department, but there was another female officer that was monitoring the emptying of the septic system.
Q. Okay.
A. And Special Agent Deb Strauss was also there.
Q. So, those three people. Anybody else?

ATTORNEY KRATZ: Objection, discovery.
A. There were a lot of people throughout the area.

ATTORNEY KRATZ: I interposed an objection.

This is discovery.
THE COURT: Sustained.
ATTORNEY KRATZ: Thank you.
Q. (By Attorney Johnson) Who was actually doing the sifting, or the examination of that burn area?
A. Well, the sifting was conducted by the three members of the Wisconsin Crime Lab, myself, and Deputy Jason Jost.
Q. Okay. When you first got there, you indicate that you saw a mound of dirt and you described it as new to the landscape. What do you mean by that?
A. The first thing I saw was a piece of bone that Jason Jost had pointed out to me, that was away from the debris pile. What I mean by the mound of dirt, it is not natural to the landscape. You have got the grass and it appears as though several yards of dirt had been dumped on top of the existing landscape, that being the grass, and built up behind the garage. There was probably, I think I estimated it to be 20 feet by 20 feet, or 30 feet by 30 feet, but it was as wide as the garage, the two-car garages.
Q. Okay. And you say that this deputy pointed out something to you; is that right?
A. That's correct. It was a red flag. And I don't know who actually discovered that piece of material, but there was a red flag there and Deputy Jost pointed that out to me.
Q. And Deputy Jost, again, he was from Manitowoc County?
A. I believe so.
Q. And he -- How did he point that out to you? He said, look? Can you describe that.
A. Well, as I made my way over to some of these areas that had been identified, or marked, he had pointed out there was a red flag there. And I think he made the same observation I did, that it looked like a piece of bone.
Q. And where was that in relation to this -- the mound that you described?
A. I estimated that to be about 8 feet south of that mound.
Q. Okay. Um, now, there's sort of a -- there's sort of a lip there, where it goes down into the pit of the -- where all the cars are, right?
A. Well, that pit is a substantial distance away from the back side of the house.
Q. Okay. So that was my next question. Where is it in relation to the sort of -- the edge of the
pit?
A. I'm not certain I'm following your question.
Q. Well, um, if you refer to exhibit, um, Exhibit 2, um, which is the area photograph, the burn area is marked on there, correct?
A. Yes.
Q. And, then, I guess my question is, where was this first red flagged piece of bone or --
A. Okay.
Q. Where was that, I guess, on that diagram?
A. If this is the edge of that mound of dirt, that piece of bone was approximately 8 feet south of that.
Q. Okay.
A. And directly south of that so called burn pit.
Q. Okay. So -- And you are not sure who had first discovered that?
A. I am not.
Q. Okay. How was this deputy dressed?
A. He was dressed in a -- I think a jumpsuit.
Q. Okay. What else?

ATTORNEY KRATZ: Objection, discovery, your Honor.

THE COURT: Sustained.
ATTORNEY KRATZ: Thank you.
Q. (By Attorney Johnson) Okay. So, then there's -the Crime Lab people are already there at that burn pit, or burn area; is that right?
A. Well, they eventually arrived, after I requested their assistance.
Q. Okay. So when you first get there, the Crime Lab people are not there?
A. That's correct.
Q. Okay. Um, and so after discovering this bone, and seeing this mound of dirt, or dug up area that you describe as being new to the landscape, then -- so at that point you call in the Crime Lab people?
A. No. What happened is, that after discovering that bone, I looked to the north, where I observed other bone fragments. And I have sifted through bone fragments in the past. So, I made the observation that it appeared to me that there were additional bone fragments within that debris. And I did call the Crime Lab; however, they were busy recovering debris from other burn barrels, so they weren't there immediately.
Q. When you say you made the observation, was that looking into this burn area from the outside, or did you physically walk through the burn area, or
what did you do?
A. From the 8 feet south of that burn pit, I could clearly see that there was some bone matter located around the debris pile. Then I walked over and took a closer look at the charred debris and realized that there was quite a bit of bone matter within the debris, as well as intertwined within the steel belts of burned tires, and so forth.
Q. Okay. Can you describe more specifically what you saw when you say bone matter. What exactly does it look like?
A. Well, in this case, it just looked like different lengths and different sizes of bone fragments. Could I determine at that point what they were, what type of bone? I could not. But I could determine that it was bone matter.
Q. And you say you have sifted through this kind of thing before; is that right?
A. That's correct.
Q. And approximately how many times?
A. Twice.
Q. Two times?
A. Yes.
Q. Okay. And when were those two times?
A. They were both fire scenes. One was in Winnebago, the other one was up in Brown County.
Q. When was that?

ATTORNEY KRATZ: Objection, discovery, Judge.

THE COURT: The objection is sustained.
Q. (By Attorney Johnson) How wide of an area were these fragments spread over?
A. I would estimate that the size of that burn pit was probably 6 feet by 6 feet, roughly. Again, that's an estimate.
Q. And they were throughout that 6 feet by 6 feet area?
A. They were concentrated in the middle. In the middle was a pile of charred debris. So the debris was probably more centered in that 6 by 6 foot area that had been dug out from the earth and berm.
Q. How were you dressed?
A. I was dressed -- I believe I had a jumpsuit on as well.
Q. Does that cover your feet?
A. I'm sorry?
Q. Does that cover your feet?
A. No.
Q. Okay. Um, what's your understanding, or what's your knowledge of, if that area had been searched before? I mean, are you aware of any search, or any other times people had looked in that area?
A. I was not aware of what had been accomplished prior to my arrival.
Q. What was the weather like that day?
A. It was a beautiful day. It was clear. It was sunny, might have been a little cool, but it was a beautiful day.
Q. Any idea of the temperature?
A. I don't, but $I$ know that it was getting cold as the sun was going down.
Q. Um, it's your impression that these -- this area, this burn area, I guess, for lack of a better word, you described that as new to the landscape; you don't know when that was done?
A. That's correct.
Q. I mean, did it seem freshly dug, like within the last day or so?
A. I couldn't tell you.
Q. When you say -- When you use the term, new to the landscape, what do you have in mind when you use that term?
A. It was added to the existing landscape. Again,
you have got a lawn, and at some point somebody had to dump gravel or aggregate, if you will, up behind the garage. Looks as though it was spread out, but it was raised up about 2 feet from the natural landscape or the yard, if you will.
Q. Now, is there like black sort of charred matter all over that, I mean, like you would see it like where more a campfire was, or something like that?
A. Throughout the mound of dirt?
Q. Right.
A. No.
Q. Where was that? I mean, what part of the burn area was filled with sort of --
A. May I point to it.
Q. Sure.
A. Right there is -- that is -- that is here where the burn matter was. And, again, if I can make this a bit clearer, you have a mound of dirt that has been added to the landscape.

At the south end of that, it looks like somebody came in with a 6 foot shovel, 6 foot wide, 6 foot deep, and lifted out or removed that dirt, so you had kind of a concave area at the edge of that mound. And that's where the debris
pile was located.
Q. Okay. So, I mean, so it looked like someone had sort of made a clearing there by adding dirt to this lawn area; is that a fair statement?
A. Yes.
Q. And, then, in the southern part of that, they had scooped out an area where there were fires, or there was burn material there?
A. That's correct, yes.
Q. And you also saw the remains of tires and things there; is that right?
A. Yes.
Q. What exactly did you see?
A. Well, I saw a variety of things. I saw the steel belt, the wire, the remnants of a steel belt, and there was bone matter intertwined with that steel belt wire. There was a hack saw blade in the debris. There was a hammer. There was, I believe, a shovel. I can't recall if it was a spade or a flathead.

There was another tire that had not been burned. Also, there was a car seat that had been consumed down to the metal. And I think I found there was a piece of a zipper, some other metal grommets, other things within the debris.
Q. You say a car seat, like a seat from a car? You're not talking about a baby car seat, you're talking about an actual seat from a car?
A. Would be a bench seat.
Q. Bench seat. Okay. And there were other pieces of material. Could you tell -- I mean, was there a way for you to tell if all that stuff had been recently burned, or if some of it was older; for instance, did the car seat have any rust on it, or anything like that?
A. The car seat, it did have some rust on it, but it probably oxidized due to the weather. But my opinion is that the burn site, and it looked fairly -- that site didn't look like it was used that often, looked like it was fairly new.
Q. Okay. Were you there when the crime scene people came to process that scene, I mean the Crime Lab people?
A. At what point? I was there when they initially sifted the material.
Q. Okay. Did they dig down?
A. We did not.
Q. So, you didn't -- you couldn't tell how deep, like the charred dirt, or charred materials, would go down into the ground?
A. Well, we scraped it. My opinion was, it was a hard surface, compacted. Didn't look as though that it had been worked over in the past. So, my opinion was that it wasn't something that had been used that often.
Q. Okay. So, then at what point did the Crime Lab people get there?
A. The Crime Lab people might have arrived around 3 p.m., approximately.
Q. Okay. And then what did they do? What did you observe them do?
A. We assisted the Crime Lab. We set up a sifting apparatus. We took the debris from the pile, sifted it in three different types of sifting screens, sorted or picked through it and removed what we felt were bones, as well as teeth, and a zipper and some metal grommets. And stuff that fell through the sifter, we collected on a tarp.
Q. Okay. Where did the tarp come from?
A. The tarp came from the Crime Lab.
Q. Okay. Did they have like a van or something there?
A. They did, yes.
Q. And you did that throughout the afternoon of the 8th; is that right?
A. That's correct.
Q. Okay. And so, I assume for a couple hours, until it got dark, from 3 to 5, 5:30 type of thing?
A. Yes.
Q. And what happened to the stuff that was on the tarp?
A. The stuff on the tarp was collected, double bagged in a black bag and then placed into a secure trailer that was in control of the Calumet County Sheriff's Department.
Q. Okay. What kind of bags were used?
A. Large, black, plastic garbage bags.
Q. So you put it in large, plastic garbage bags?
A. It all fit in one bag. We just double bagged it.
Q. Okay. And you say you used like three -- three different strainers; is that right?
A. Yes.
Q. Sort of sift through the dirt, get all the dirt out?
A. What you do is, there are different sifters. You want some of the material to fall through and you want to capture other material.
Q. So, how wide are we talking about?

ATTORNEY KRATZ: Objection, discovery. THE COURT: The objection is sustained.
Q. (By Attorney Johnson) Were you there when the stuff was taken off the tarp and bagged up?
A. Yes.
Q. Okay. Were you there that whole time, throughout the afternoon?
A. Yes.
Q. Okay. So then, that stuff is taken off the tarp, it is put in these plastic -- this one plastic bag, double bagged, sealed; is that right?
A. It's not sealed, per se. It's tied and then it's placed in the Calumet County van that was in control of the Calumet County Sheriff's Department. And Rick Reimer was the person that secured it.
Q. Okay. And then did it, that particular burn area scene, did that continue to get processed the next day?
A. I don't believe it was actually processed until Thursday.
Q. Okay. So, what about Wednesday, what happened there?
A. Wednesday, I had to appear in court in Monroe County, so, I wasn't available. And then I came back on Thursday and assisted Special Agent Rodney Pevytoe with sifting debris.
Q. To your knowledge, nobody did anything with that particular part of this site on Wednesday?
A. Not to the best of my knowledge.
Q. Okay. Then you came back on Thursday. Did you spend the whole day doing the sifting on that date?
A. The first thing we did was, Thursday morning we set up at the Calumet County Sheriff's Department and sifted, again, through the debris that we had collected on the tarp on Tuesday. And after completing that, we then went back to the crime scene and began to process that thoroughly.
Q. You say you went back, you mean back to that burn area; is that what you are talking about?
A. Yes.
Q. Okay. And, basically, same process as on Tuesday or?
A. Well, I was -- I wasn't intimately involved with any of the processing of the scene. We had a number of other agents that arrived from the Arson Bureau that then processed the scene.
Q. Okay. Are you an arson investigator?
A. I was at once upon a time.
Q. And when was that?
A. That was approximately two years ago.
Q. For how long?

THE COURT: I'm going to interpose my own objection.

ATTORNEY KRATZ: Thank you, Judge.
Q. (By Attorney Johnson) How long have you been with DCI?
A. Since 1998.
Q. And before that?

ATTORNEY KRATZ: Objection, discovery, your Honor.

THE COURT: Sustained.
ATTORNEY JOHNSON: That's all the questions
I have. Thank you.
THE COURT: Any redirect?
ATTORNEY KRATZ: Absolutely not. Thank you, Judge.

THE COURT: Witness is excused.
THE WITNESS: Thank you.
ATTORNEY KRATZ: State will call Leslie Eisenberg to the stand.

THE CLERK: Please raise your right hand.
LeSLIE EISENBERG, called as a witness herein, having been first duly sworn, was examined and testified as follows:

THE CLERK: Please be seated. Please state
your name, spell your last name for the record.
THE WITNESS: My name is Leslie Eisenberg, E-i-s-e-n-b-e-r-g.

## DIRECT EXAMINATION

BY ATTORNEY KRATZ:
Q. How are you employed, ma'am?
A. I'm sorry?
Q. How are you employed?
A. I am currently employed by the Wisconsin Historical Society in Madison and as program coordinator for the State's Burial Site Preservation Program.
Q. Do you enjoy any titles at this time?
A. Yes, I have a doctorate in anthropology and am also board certified in forensic anthropology.
Q. In front of you, Dr. Eisenberg, is an exhibit. It's actually a 16 page exhibit, which is referred to as a curriculum vitae, or what most people would call a resume, a 16 page resume. Do you see that?
A. Yes, I do.
Q. Does that resume include your educational background, your training and your experience, including writings that you have personally and collaboratively been involved in that allow you
to speak as an expert witness in matters of anthropology?
A. It does, sir.

ATTORNEY KRATZ: Ask for a stipulation as to her qualifications. Move the admission of Exhibit 10, Judge.

THE COURT: Any objection?
ATTORNEY LOY: No objection.
THE COURT: Court will accept her as an expert and admit Exhibit 10.
Q. (By Attorney Kratz) Dr. Eisenberg, were you asked to review some material that was found at what's now been referred to as the Avery Salvage Yard and did you, in fact, agree to review that material?
A. Yes, I did.
Q. Could you answer, please, how it was that you were asked and, specifically, what it was that you did with that material?
A. I was initially contacted on Wednesday, November 9th, through a telephone message by a Special Agent from the Division of Criminal Investigation, State of Wisconsin, Department of Justice, who indicated that she would be bringing to me a box of items that were recovered from the

Avery property, for my examination.
I took possession of those remains on November 10th and transferred them to the Dane County Coroner's Office in Madison, the Morgue Facility, where I examined those remains and sorted them into and identified them as human remains, and other items, which were bagged separately.
Q. All right. Did you then separate the human remains from what you believed to be non-human remains?
A. I did.
Q. And regarding the human remains, could you describe in a little more detail what it was that you observed?
A. Yes. When I opened the box containing all the material I first examined on November 10th, there were many fragments of human bones, some as small or smaller than the size of a nickel, other fragments perhaps as long as 4 or 5 inches. None -- None of those fragments represented an entire bone, but they did represent almost every segment of the human skeleton, at least in part.
Q. Do you know how many bone fragments, just roughly, it is that you have examined?
A. I have not made a count at this time. And the reason I have not done that is because I am in the process of trying to refit those fragments together, to look for any other evidence, other than the burning, on the fragments that I have observed.
Q. You indicated that there were fragments, both small and larger, but none, at least to your independent recollection, longer than 4 or 5 inches; is that right?
A. That's correct.
Q. Did it appear to you that these fragments, either intentionally or otherwise, had somehow degraded or been changed from their original skeletal state?
A. Yes, sir, they have. Because of the breakage and the coloration, it was obvious to me when I opened the box that the human remains, the bone fragments, had undergone considerable heat and burning.
Q. And so we're clear, from what is commonly referred to as mutilation, the question that I have of you is, did these bones appear to have been altered in some way, again, rather -- either by human or other forces, so that they took a
shape other than what a corpse may look like that was not altered? Do you understand the question?
A. I do. And in response, I would say that the normal skeleton that $I$ would expect to find was so altered by a burning episode as to render that skeleton into fragments.
Q. All right. Dr. Eisenberg, were you able and are you able, based upon your training, experience, education, and to a reasonable degree of scientific certainty, identify those remains as being either male or female?
A. Yes, I have been able to make a determination of sex.
Q. And what, first of all, is that determination?
A. That determination is that the fragmentary human remains presented to me for examination are those of an adult female.
Q. And by an adult female, are you able to approximate the age of those remains; in other words, the age of the individual from which those remains come?
A. At this juncture, $I$ would like to reserve comment on that until $I$ have completed my examination.
Q. All right. So the Court is clear, that examination, um, continues your analysis, not
only for the -- for this particular case but for the Division of Criminal Investigation, you have asked to remain involved; is that right?
A. That is correct.

ATTORNEY KRATZ: For this hearing, Judge, that's all the questions $I$ have of Dr. Eisenberg. Thank you.

THE COURT: All right. Mr. Johnson. ATTORNEY JOHNSON: Thank you. CROSS-EXAMINATION

BY ATTORNEY JOHNSON:
Q. Dr. Eisenberg, are there -- is there scientific literature that you reviewed in conjunction with the examination that you made in this case?
A. Well, as I mentioned, I have not completed my examination, but, yes, there is research that I have referred to and research that I already know of, based on my years in the field.
Q. And in conjunction with this examination, what literature did you refer to, what scientific literature?
A. Literature involving signatures of possible antemortem bone trauma in burned remains.
Q. Do you have the name of those articles or those treatises? Judge.

THE COURT: Sustained.
Q. (By Attorney Johnson) Um, the examination that you did -- First of all, you received these items from a DCI agent; is that right?
A. That is correct.
Q. And who was that?
A. The name of the Special Agent was Duranda Freymiller, F-r-e-y-m-i-l-l-e-r.
Q. And you had received a phone call prior to receiving these, I take it?
A. That is correct.
Q. And who was the phone call from?
A. It was a voice mail message left for me on my work answering machine, from Special Agent Freymiller.
Q. And you returned that call?
A. I did not return that call because when -- I was out of town when the call came in. And I picked up that message in transit back to Madison.
Q. Okay.
A. After hours.
Q. Okay. And then, when did you actually receive the items?
A. On Thursday morning, November 10th.
Q. Okay. And this agent came to your workplace?
A. The remains were left for me at my workplace, signed for by a coworker, and left in my locked office, awaiting my arrival.
Q. Okay. And they were in a box; is that what you said?
A. At the time, I did not know it was in a box, but, yes, I did receive a white flat rectangular box identified with labels and other information on that box. And the box was in a brown grocery type bag, presumably to transmit the box.
Q. Okay. And then you take that box, then, to the morgue, the Dane County Morgue; is that right?
A. That is correct.
Q. And that's where you opened it?
A. That is correct.
Q. And, um, inside that box, are the items packaged inside that box, separately?
A. Within the box there was one plastic bag into which several bone fragments had been placed by another forensic anthropologist, Dr. Kenneth Bennett, to whom the box was initially brought, for a brief examination, to determine whether the fragments in the box were of human origin.
Q. Okay. And the color of that plastic bag was?
A. Was clear.
Q. Okay. Was that plastic bag sealed?
A. In what way?
Q. Sealed, I mean taped shut, there was some sort of a seal on it, anything like that?
A. There was not a seal on that bag, but the bag was within the sealed box that was brought to me. And the box was sealed with evidence tape and had -- was intact upon my receipt of the box.
Q. Okay. And how many items were there in the plastic bag?
A. I did not count them. I simply laid them out during the sorting procedure $I$ followed.
Q. Okay. But 10, more than 10, more than 20? Do you have an estimate?
A. I don't recall. I'm sorry.
Q. Okay. How do you do an examination like this? Can you just sort of take me through the steps.
A. The first thing that $I$ do is, wearing appropriate gloves and mask and gown and so on, remove piece by piece from the box and sort them into piles representing human bone fragments and items of non-biological origin, like metal, plant material and so on.
Q. And how many items of non-biological origin were there here?
A. I did not count them. I simply, with the initial sorting, segregated them into separate piles that then were put into separate bags that were labeled.
Q. Okay. And then what do you do next?
A. Well, this is -- it's a fairly slow process. There were many fragments in the box. And what I did was, at the end of the evening, grouped all of the human bone fragments together, was able to sort out dental structures, which may have represented fragments of jawbone and/or tooth structures, and bagged those separately.

At the end of the evening I had several bags, one representing human bone and bone from different areas of the body, in addition to other non-biological types of items.
Q. Okay. And you put each group of items in a separate bag?
A. A separate labeled bag, that's correct.
Q. And then, did you continue this examination the next day, I assume?
A. I did.
Q. Okay. And what's the next stage in it?
A. If I may, Judge, may I refer to my timeline?
Q. Is there something that would refresh your recollection?

ATTORNEY KRATZ: Judge, perhaps I'll just interpose the objection that this goes well beyond the direct examination and the purpose for which it's being offered at the preliminary hearing.

ATTORNEY JOHNSON: Judge, if there's expert testimony that's been offered, I think on cross-examination I'm entitled to go into the data on which that expert testimony is being offered, under 907.05.

THE COURT: If there's a document that she's used to refresh her memory to testify today, I believe the defense is entitled to see that. Is it here?

ATTORNEY KRATZ: Has he asked that question?

ATTORNEY JOHNSON: Well, I guess, let me --
ATTORNEY KRATZ: She asked if she could look at it.

ATTORNEY JOHNSON: Let me see if I can clarify this.
Q. (By Attorney Johnson) Would it refresh your recollection to refer to the timeline that you
prepared in conjunction with this examination?
A. It would, but certainly I can speak through the timeline. From the initial receipt of the remains on November 10th, the remains actually coming into my possession, on successive days, after the 10 th, I spent several to many hours continuing with my examination, not only of the remains that were initially brought to me on November 9th, but additional remains that had been collected by the Division of Criminal Investigation on the same property, from which the original box of fragments came.
Q. Okay.
A. So, the examination continued using the same basic sorting procedure.
Q. Okay. The question that I had asked was: The next day, what did you do? And I guess that's -that's my question at this point. The next day, how did you continue that process?
A. The next day $I$ continued to sort. This is a very slow process. It's a very detailed and meticulous process and not something that's easily completed in just several hours.
Q. Okay. And are you consulting anything as you are doing this sorting, or any treatises, any
material, any reference material?
A. No, sir.
Q. Okay. How long would you say this process of sorting took you? Do you have an estimate at all?
A. Well, $I$ am still in the process of sorting.
Q. Okay. Is this a situation where you, basically, are sorting these fragments and you can offer an opinion as to their origin purely by a -- a visual examination?
A. That is correct.
Q. Okay. There's no -- Is there any other type of testing that you would do to confirm that visual examination?
A. None that I believe is necessary, given my experience in analyzing human remains not only from a forensic context but from some of the disaster context with which I have been involved in this country.
Q. Okay. And I'm sorry if I have -- this has been answered before, how long have you been doing this? How many years?
A. I began consulting in forensic anthropology in 1986 for the office of Chief Medical Examiner in New York.
Q. Okay. Now, you are able to offer an opinion that these remains, you believe, come from an adult female; is that right?
A. That is correct, sir.
Q. And how do you come to that conclusion? What is it about them?

ATTORNEY KRATZ: Judge, I'm going to -well --

THE COURT: I'm going to allow this question. She can explain how she came to her conclusion.

ATTORNEY KRATZ: That's fine.
A. There are, as forensic anthropologists, certain landmarks and certain shapes, what we call morphology, that differ between male and female skeletons. And there are certain landmarks that I find -- even though they are fragmentary -- in the human remains, that $I$ have been able to identify as being of the shape and form and size that I believe to come from a female.
Q. And what landmarks, specifically, are you referring to?
A. Two in particular, although, because my analysis is not completed, there may yet be others. But there are fragments from what we call the brow
ridge, above the eye socket, on both sides of the skull, above both orbits, as well as an elbow joint at the top end of one of the lower arm bones, the radius.
Q. And what would be -- what would be the difference? I mean, how would that lead you to the conclusion it was a female?
A. In female skulls, the shape of the upper rim of the eye socket is not very robust, or very heavy looking. It's actually fairly gracile, very small and has a sharp margin. And I see that sharp margin on both fragments of the skull, of the upper eye area.

And the head of the radius, or the part of the lower -- one of the lower arm bones that forms part of the elbow joint, is also of a very small size.
Q. Now, is there a particular standard by which you would judge this to be a female? I mean, a certain -- below a certain size it has got to be a female, above a certain size you would offer the opinion it's a male? I'm talking about the radius.
A. That's correct, that would apply to the radial head, the radius head. And there has -- there
has been a study done that addresses just that issue.
Q. And what is that size?
A. At the present time, I don't have that number in my head to report to you.
Q. Okay. And would that -- That study you referred to, do you know the name of that study?
A. I don't know the name of the article. I do know the name of the author. I'm not quite sure if $I$ know how to pronounce the last name. First name is Emily. The last name is something like Barasbieta (phonetic). It's an article that was published, I believe, in the Journal of Forensic Science.
Q. And is that dealing with averages or -- I mean, is there sort of like a cut off? Do you understand my question?
A. Yes, I do.

ATTORNEY KRATZ: Judge, excuse me. My objection is, this goes more to weight than to admissibility.

THE COURT: At this point, the Court will sustain the objection.

ATTORNEY KRATZ: Thank you, Judge.
Q. (By Attorney Johnson) What about with regard to
the orbital bone, is there a similar type of standard there, as to what you described, that would lead you to believe it's a female?
A. It's not a metric or measurable kind of standard. It's an observational kind of standard that we all base our work on.
Q. So, it's a subjective call on your part?
A. I do not believe it's a subjective call simply because it cannot be measured.
Q. Okay. What are you looking for in that particular bone, the thickness, the length from side to side?
A. To which bone are you referring, sir?
Q. The orbital, I'm sorry.
A. It's -- It's the sharp edge, the fact that there's not a heavy and protruding brow ridge on top of it.
Q. Okay. And so that would be true, generally, of females?
A. That is correct.
Q. Okay. And is that same article that you referred to before the basis for -- for your opinion on that bone as well, or is --
A. The article previously mentioned about the radius head does not at all address using the orbital
bone to determine sex.
Q. Okay. Is there another learned treatise or piece of scientific literature that you would have reviewed relative to the orbital bone?

ATTORNEY KRATZ: Objection, discovery. THE COURT: The objection is sustained. ATTORNEY KRATZ: Thank you.
Q. (By Attorney Johnson) Now, are there other tests that you have performed on these -- these items, other like chemical tests, or anything like --
A. No, sir.
Q. All just been a visual examination?
A. That's correct.
Q. Okay.
A. May I qualify that? I have also had an opportunity to have the fragments of the skull that were presented for analysis, x-rayed.
Q. Okay. And where did that take place?
A. That took place on November 17th, at the Middleton Memorial Veteran's Hospital in Madison.
Q. Okay. And what did you find out as a result of those $x$-rays?
A. As a result of those x-rays, several of the cranial fragments, at least seven of them, showed evidence for areas with a greater density than
the bone itself. In other words, they were small tiny areas, almost flecks, that appeared whiter in the $x$-ray than the surrounding bone.
(Court reporter asked for clarification.)
A. Whiter.
Q. You examined these x-rays yourself; is that right?
A. That's correct, but $I$ was not the only one in the room at the time.
Q. Okay. Was there a radiologist or someone who was helping you interpret those?
A. There was a radiology technician. There was also a forensic pathologist in the room at the same time.
Q. Okay. Who was that?
A. His name is Dr. Michael Stier, $S-t-i-e-r$.
Q. Is he -- He is with Dane county?
A. He is with --

THE COURT: The Court is going to impose it's own objection.

ATTORNEY JOHNSON: Okay.
THE COURT: It's discovery.
Q. (By Attorney Johnson) And what do those findings tell you, if anything?
A. At the moment, $I$ have -- I am not at a point
where $I$ can comment on what those mean. At this point, there are -- there are areas in those bones that are more dense than the bone itself. It's unknown at this time what those densities represent.
Q. Okay. And do you know what part of the skull those came from?

THE COURT: Again, just a minute, the Court is going to interpose its own objection. The witness has testified that, at least at this point, the significance of it is unknown, so it adds nothing to this hearing.

ATTORNEY JOHNSON: Okay.
Q. (By Attorney Johnson) Do you recall what the substance of the voice mail message was that was left for you by the Special Agent?

ATTORNEY KRATZ: Objection, discovery, your Honor.

THE COURT: What's the purpose of the question?

ATTORNEY JOHNSON: Well, I'm trying to figure out if there was something that was told to her about the items that she was going to be asked to look at. Was it told to her that these were human remains? Remains of unknown origin? What
exactly was told to her.

ATTORNEY KRATZ: If I may, Judge, and if they were, that would go to weight, not admissibility.

THE COURT: The Court agrees, the objection is sustained.
Q. (By Attorney Johnson) Were these items that you examined, were they -- you indicate that they were all badly burned; is that right?
A. That is correct.
Q. And that's -- you can see that through a visual examination?
A. That is correct. Most all of the bone was blackened from burning.
Q. Okay. Is there any kind of chemical analysis you did to confirm that?
A. No, and that is really outside of the range of my expertise.
Q. Okay. So, this is, again, just -- it's a visual examination that tells you, through your training and experience, that this is from burns?
A. That is correct.
Q. And you have had experience in examining human remains before, from burn victims?
A. Yes, I have had a number of forensic cases as
well as some of the federal disaster work I have done involving a train crash in Illinois, the aftermath of the World Trade Center disaster. And so I have had occasion to look at many types of burned and fragmentary human remains.
Q. Would you have an estimate as to how many times?
A. I do not have an exact number for you.

ATTORNEY JOHNSON: Thank you. That's all the questions I have. Thank you.

THE COURT: Any redirect?
ATTORNEY KRATZ: No, Judge, thank you.
THE COURT: The witness is excused.
THE WITNESS: Thank you.
ATTORNEY KRATZ: State will call Sherry Culhane to the stand. May we approach, Judge, just briefly.

THE COURT: Yes.
THE CLERK: If you would raise your right hand.

SHERRY CULHANE, called as a witness herein, having been first duly sworn, was examined and testified as follows:

THE CLERK: Please be seated. Please state your name, spell your last name for the record.

THE WITNESS: Sherry Culhane,

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## DIRECT EXAMINATION

BY ATTORNEY KRATZ:
Q. Ms Culhane, how are you employed?
A. I work for the Wisconsin State Crime Laboratory as a DNA analyst in the DNA Section.
Q. In front of you is a document which is marked as Plaintiff's Exhibit No. 11, would you tell us what that is.
A. Yes, it is a copy of my curriculum vitae.
Q. Does that curriculum vitae include your current position, the duties with the Crime Lab, your prior education, training, experience, that entitles you to hold the position of DNA analyst?
A. Yes.

ATTORNEY KRATZ: Move admission of Exhibit 11 and ask she be considered an expert, at least in that particular field.

THE COURT: Any objection from the defense?
ATTORNEY JOHNSON: No.
THE COURT: The exhibit is admitted. The Court will accept the witness as an expert.
Q. (By Attorney Kratz) Ms Culhane, you have been asked to participate in the investigation regarding DNA analysis of samples regarding the
case involving Mr. Avery and Ms Halbach; is that correct?
A. Yes, it is.
Q. As part of that investigative process, did you have occasion to individually search and recover items from a 1999 Rav 4 SUV, in Madison?
A. Yes, I did.
Q. In searching the back of that vehicle, were you able to observe and did you collect various material, various stains, that you believed included human blood?
A. Yes, I did.
Q. I'm going to show you what's been marked for identification as Plaintiff's Exhibit No. 12. Excuse me. Could you tell us what that is, please.
A. This is the back cargo area of that vehicle. And I recovered a portion of a large reddish brown stain that was where that yellow area is.
Q. All right. That stain recovery, is that something that you do as a member of the Crime Lab, as a DNA analyst?
A. Yes, it is.
Q. Were you also asked to examine, and did you recover, a reddish stain that was located near
the ignition portion of the front of that same SUV?
A. Yes, I did.
Q. And could you look at what's been marked as Exhibit No. 13 and tell us what, if anything, that depicts?
A. This is a photograph of the inside of the Rav 4. And that squiggly --

THE COURT: Excuse me, there's a laser pointer floating around.

ATTORNEY KRATZ: I have got it. The yellow button.
A. Thank you. This area right here is where I recovered a portion of this reddish brown stain.
Q. Ms Culhane, did you also receive in evidence and were you asked to process and identify whether any DNA material was located on a vehicle key, which has been referred to as a Toyota key?
A. Yes, I was.
Q. By the way, once receiving that key at the Crime Lab, did you do anything with the key and test it as it might relate to this particular '99 Rav 4?
A. Yes, I did.
Q. What did you do?
A. I placed it in the ignition and turned it. The
key turned the ignition and I also tested it on the locked front driver's side door, and it did open the door.
Q. And so the Court is aware what key we are talking about, is this the same key at least identified, and identified in the evidence package, as having been collected from the bedroom of Steven Avery?
A. Correct.
Q. Ms Culhane, the key itself, did you process that for the recovery of possible DNA material?
A. Yes, I did.
Q. Can you tell us what that entails, please.
A. I, basically, took a sterile cotton swab and swabbed the black rubberized portion of the key that you would use to crank the key. I swabbed all the surfaces and I did my analysis from that cotton swab.
Q. Ms Culhane, the analysis of this vehicle, where did that take place at?
A. At the Wisconsin State Crime Lab in Madison.
Q. All right. We're going to be showing you what's been marked for identification as Exhibits No. 14 and 15. And as you testify about your analysis, I would invite you to refer to those exhibits and tell us if -- if you need to read from them.

But let me ask you if you were able to develop what's commonly referred to as a DNA profile from the bloodstain that was obtained from the back of the Rav 4 SUV?
A. Yes, I was.
Q. Were you able to identify and develop a profile of any DNA material that was found on the Toyota key that we have heard about?
A. Yes, I did.
Q. Ms Culhane, have you received from law enforcement officials what are commonly referred to as exemplars, or sometimes intimate samples that are referred to, from both Mr. Avery and that of Teresa Halbach?
A. Yes, I have.
Q. And were you able, specifically, from a buccal swab saliva sample of Mr. Avery, to develop a DNA profile?
A. Yes, I was.
Q. And, specifically, from a slide, a pap smear of the victim in this case, Teresa Halbach, were you able to develop a DNA profile?
A. Yes, I was.
Q. Did you also, Ms Culhane, receive from the Crime Lab various bone and tissue material which was
represented to you as having been collected from a burn area on the Avery property?
A. Yes, I was.
Q. Did you attempt to develop a DNA profile from those charred remains of bone and tissue?
A. Yes.
Q. Referring then, first, to Exhibit No. 14 --

THE COURT: Just a minute, did she say she tried? What was the --

ATTORNEY KRATZ: She said she did, Judge, I'm sorry.

THE COURT: You were able to read the DNA from the charred remains; is that what you said? THE WITNESS: Yes.
Q. (By Attorney Kratz) Ms Culhane, then, regarding the profiling, or regarding the analysis that you performed, were you able to compare the DNA profile from the key found in Mr. Avery's bedroom, from the blood found near the ignition inside of Ms Halbach's vehicle, and compare that with Mr. Avery's DNA exemplar?
A. Yes, I was.
Q. What were the results of that analysis?
A. The profile developed from the buccal swabs that were taken from Steven Avery was consistent with
the DNA profile that I developed from both the Toyota key and the apparent blood stains that were taken from the ignition.
Q. Were you able to develop and compare the DNA profiles from the blood found in the back of the Rav 4 and compare that with the DNA profile, the pap smear from Teresa Halbach?
A. Yes, I was.
Q. What were those results?
A. The profile from the pap smear was also consistent with the stain from the back cargo area of the Rav 4.
Q. And so the Court is clear, there was also a soda can that was found in the front of Teresa's vehicle, that you developed a DNA profile from; is that right?
A. Yes.
Q. And what, if anything, did that match, or what was that consistent with?
A. That was also consistent with the profile developed from the pap smear of Teresa Halbach.
Q. And, finally, Ms Culhane, were you able to compare the DNA profile from the pap smear of Teresa Halbach and compare those to the charred tissue and charred remains found on the Avery property?
A. Yes, I was.
Q. Could you describe the results for us, please.
A. The profile -- The DNA profile from the charred remains was a partial profile and, mainly, because that was a very degraded sample of DNA. That partial profile was consistent with the profile developed from the pap smear of Teresa Halbach.
Q. Were you able, Ms Culhane, to speak as to statistics, or a frequency of occurrence, that is, between the partial profile and the known or exemplar sample of Ms Halbach?
A. Yes, I am.
Q. Could you describe how that analysis occurs and what, if any, statistical data you can provide in that regard?
A. When we do this type of DNA analysis, we're looking at several different locations on the DNA molecule. The more locations, the more areas of the DNA we test, the more discriminating and the more specific that profile becomes.

Because the profile from the charred remains was a partial profile, it was only -- it matched the pap smear sample at seven different
locations. Statistically, if we look at how rare this profile occurs in the population, we can statistically look at all those different areas, and combining those, we come up with a composite statistic that characterizes this sample and how rare it is in the population.

In the case of the partial profile from the charred remains, it occurs one person in one billion in the Caucasian population -- I have to refer to the exact numbers -- one person in two billion in the African/American and southeastern Hispanic populations and one person in three billion in the southwestern Hispanic population.
Q. And at least for our purposes, regarding whether or not those charred remains are in fact those of Teresa Halbach, is it a fair statement, then, with the analysis that you have provided, to indicate that the chances, if you will, that it is not Teresa Halbach would be one in one billion? Is that roughly a restatement of what you are telling us?
A. Basically, it just means that this profile occurs in the general Caucasian population one person out of a billion and it is consistent with Teresa.
Q. So, the seven out of seven loci, in other words, the DNA analysis, at least to the frequency of one in one billion, matched between that of Teresa Halbach and that of the charred remains; is that correct?
A. That's correct.

ATTORNEY KRATZ: That's all I have of this witness, Judge. Thank you.

THE COURT: Mr. Johnson.
ATTORNEY JOHNSON: Thank you.

## CROSS-EXAMINATION

BY ATTORNEY JOHNSON:
Q. When did this car arrive at the Crime Lab?
A. I got involved in it on November 7th --
Q. Do you know --
A. -- 2005 .
Q. I'm sorry, 2005, is that what you said?
A. Yup.
Q. Okay. When did it arrive, to your knowledge?
A. I believe it arrived the day before, on a Sunday.
Q. Okay. And then you didn't have anything to do with it until that day?
A. Correct.
Q. And where was it when you first saw it?
A. It was in the garage of our laboratory.
Q. Okay. And it was parked there? Was it in a van? How was it?
A. No, it was parked in the garage and it was being photographed by the photographer in the laboratory.
Q. Okay. Who else was there?
A. Myself, Mike Riddle, who is another analyst in the lab, Nick Stahlke and Ron Groffy.
Q. And those are other Crime Lab personnel?
A. Yes.
Q. Okay. Were any of those people people who had been on the scene when the car was recovered?
A. I don't recall if they were there or not.
Q. Okay. And was the car -- were the doors open and the hatch open?
A. Yes, I believe so.
Q. Okay. And they were taking photographs; is that right?
A. Yes.
Q. And were they processing the vehicle otherwise? Were they looking like for fingerprints, doing things like that?
A. Usually when we process a vehicle like this, as a DNA analyst, $I$ look at it first for any biological material. In this case, I was
interested in any blood stains, apparent blood stains, that $I$ might find. So, I was involved in the beginning.

The car is photographed, first. Then I was involved in looking for blood stains, apparent blood stains. And after I was completed with my portion of it, then it would have been processed for fingerprints.
Q. Okay. So the car is there, there are a number of people around it. Are the doors open and things like that?
A. Yes.
Q. Okay. And so someone had done that prior to your arrival?
A. As far as I recall, yes.
Q. Okay. And so you get there. And what do you have with you?
A. Pardon me?
Q. What do you have with you? I mean, what materials do you have?
A. I have the supplies that I use to process the car: Cotton swabs, chemicals that I use to look for presumptive test for blood, my notes, that sort of thing. And I begin -- flashlight -- by actually visually looking at the car to see if
there is any blood stains.
Q. Okay. And how are you dressed?
A. I have a lab coat on.
Q. Okay.
A. I don't remember what else.
Q. Okay. And you have --
A. Gloves, lab coat, gloves, yup.
Q. Okay. Anything covering your mouth, or anything like that?
A. Not my mouth, but I had safety goggles, glasses.
Q. Okay. And so what's the first thing you do --
(Court reporter asked to have the question repeated)
Q. I'm sorry. What's the first thing you do in relation to this car?

THE COURT: Just a second. Mr. Kratz, can you turn off the photo machine, it will make life easier for the reporter.
A. The first thing $I$ do is begin to take notes. I verify that the car that's in the garage is the car that I'm actually supposed to be looking at. I write down the VIN number, what type of car it is, and then I begin, basically, by -- with a flashlight, looking on the inside of the car.

As I come across stains that appear to be consistent with blood stains, I diagram and
note where those stains are. I collect those stains by using a sterile cotton swab that's in -- dipped in sterile water and I swab the area. In some cases those are photographed. Not all stains from every car is photographed. And I, basically, write my notes as I go along.
Q. Okay. Now, do you speak to anybody before you start this process?
A. I'm usually -- I have usually been told what case it is, some of the background on the case. In this particular case, I was told by one of the supervisors what kind of case this was, where this car was found, and what we were interested in looking at.
Q. Okay. So you knew -- you knew some background about the case, where the car was found, you knew it was the victim's car?
A. Correct.
Q. And you knew that -- that -- that it was, potentially, you would expect to find blood stains there?
A. Correct.
Q. And other potential DNA material?
A. Correct.
Q. And that's all before you go out and start
processing the car?
A. Yes.
Q. Okay. So, then, does anybody point out, like different possibilities about what stains you might want to look at, or do you just do that yourself?
A. Actually, in this case, Nick Stahlke, who is another analyst, he is a blood spatter analyst as well as a document analyst, we were sort of doing it in conjunction, and we were kind of looking at the stains together.
Q. Okay. And so you -- you -- do you recall which stain you looked at first?
A. Yes, the first one was the one in the back cargo area, because it was the largest and the most obvious.
Q. How big an area was that stain?
A. I didn't measure it exactly. That was the photograph you were shown earlier. I would guess about that big.
Q. And you are holding your hands --
A. -- about six inches across.
Q. About six inches. Would you say --
A. Approximately.
Q. Would you say six inches around, I mean, like
sort of a circular type of stain?
A. Yes.
Q. And what do you do to process that stain?
A. We do a test that is a presumptive test for blood. It is not specific for human blood, but we use it as a screening tool. It's a --
Q. What test is that?
A. It's phenolphthalein.
Q. Okay.
A. It is a color test. If you -- If it's probably blood, you get a bright pink color.
Q. Okay.
A. So, I did that on the stain. It appeared to be that it was consistent with a possible bloodstain, so I collected that one.
Q. Okay. And, then, to collect it, what do you do?
A. I took a sterile cotton swab, wet it with sterile water and just, basically, wiped it over the surface until I had enough on the cotton swab that I felt I could get a DNA profile from.
Q. Okay. And is that cotton swab, the tip of it, like saturated then, or just a small amount of the bright pink on it, or?
A. I use a different swab. I use the swab -- a swab for the phenolphthalein to test that. Then I
throw that away. Then I take a another swab to actually take my sample for DNA extraction.
Q. Okay. You throw that away, where do you throw that away?
A. Into a biohazard box.
Q. And then what do you do? Then you take a different cotton swab and you swab the stain?
A. Correct.
Q. Then what do you do with that swab?
A. I allow it to air dry and then $I$ put it into a paper coin envelope and I mark on the outside the item designation, the laboratory number. Any evidence or any case that's opened into the laboratory has a unique number and we use that number to identify everything associated with that case.

So I put the lab number on it. It was Item A, and it was the first stain that I collected so it was A1.
Q. Okay. And you allow it to air dry; how long does that take?
A. It wasn't very wet. I probably -- What I have is a rack and this -- the cotton swabs, as I collect the stains, are put into this rack and they are left there until I'm completed. Then I put them
all into a envelope.
Q. And how big is this rack, a foot long?
A. No, not that long.
Q. Six inches?
A. Yeah.
Q. Okay. So, like square, six by six?
A. Yeah.
Q. How many different cotton swabs can fit in there?
A. I usually put about three, then I use another one.
Q. And then you put those, where? Is there like a table or something there you put them on?
A. Yes, it's an area that I designated as my work surface. It has paper down and it has all the tools, the forceps and everything that I use for examination.
Q. Okay. And that little holder stand sits on that table?
A. Correct.
Q. And, um -- So you take the cotton swab, put it in the stand, you go on to the next stain, then, at that point?
A. Correct.
Q. What do you do with that stain, the next stain, same process?
A. Same process, correct.
Q. Okay.
A. Yes.
Q. Okay. Is it the same thing with the blood test first, the presumptive blood test first?
A. Yes. And then that's discarded into a biohazard box and then I take my actual sample.
Q. Where is that biohazard box; is that also on that little table, the work table?
A. It's in a -- It's a box on the floor, it's a big biohazard box right by where I am.
Q. Is it like covered, or?
A. What do you mean by cov -- No, it's open.
Q. It's just an open box?
A. An open box, yeah.
Q. Okay. You're sort of pitching stuff into?
A. Correct.
Q. Okay. Do you remember which stain you went to next?
A. Yes, I do. I did not -- I believe there were a total of 10 stains that were -- I actually swabbed and collected. I only did DNA on four of them. The next stain was on the cargo area, the back cargo area of the car. There's a little plastic strip that you get into the car. I don't
know exactly what it's called, but that was the second stain that $I$ took.
Q. That's sort of like the -- the rear of the car, where the sort of carpeting ends and there's sort of a little plastic area there?
A. That's correct.
Q. Right where the hatch back opens?
A. Correct.
Q. Okay. And that's -- that's the stain you did next?
A. Yes.
Q. Okay. How do you get access to the stain in the interior of the cargo portion? Did you go through the door, or how did you get to that?
A. No, I just leaned over.
Q. You leaned over. Okay. How big of a lean is that?
A. I don't recall, maybe a few feet.
Q. Okay.
A. Just a reach. I could comfortably reach it.
Q. Are you touching anything else when you are doing that?
A. No.
Q. Okay. So, then this strip, you do that one next. How big is that stain?
A. I don't recall. I would have to look at my notes to see exactly.
Q. Okay. You would refresh your recollection by looking at your notes?
A. Yes.
Q. Okay.

THE COURT: I'm going to interpose my own objection here. Is this one of the ones you analyzed?

THE WITNESS: No.
THE COURT: For purposes of this hearing, I don't believe it's relevant.
Q. (By Attorney Johnson) Okay. So, this is not one of the stains you analyzed for DNA?
A. That is correct.
Q. Okay. Why don't we go to the next stain you analyzed for DNA?
A. Okay.
Q. Where was that?
A. There was a stain on the driver's seat. It was actually in the fabric of the seat. I cut that out.
Q. Okay. Using what?
A. A pair of scissors.
Q. Okay. Where did the scissors come from?
A. In the laboratory, my work scissors.
Q. Are they from that same work area?
A. Yes. Yes, all the tools that I use for my processing and examination are all in the same area.
Q. Okay. That's that little table where the little stand for the swabs is sitting?
A. Correct.
Q. And how big is that table, again?
A. I don't recall exactly, probably maybe 3 feet by 2 feet.
Q. Okay.
A. It's a laboratory counter.
Q. Okay. All right. So -- So you get the pair of scissors and your, um, and, um, you cut out that -- that stain out of that driver's, uh, seat; is that right?
A. Yes.
Q. Okay. And how big is that stain?
A. It's probably the size of my thumbnail.
Q. Okay. Which is half an inch? I mean, an inch?
A. Quarter of an inch.
Q. Quarter of an inch. Okay. You cut that out; what do you do with it?
A. I put that in a coin envelope and also label it
with a case number, the date, and my initials, and the item designation that $I$ give it, which in this case $I$ believe it was a six.
Q. Okay.
A. It was the sixth thing I took.
Q. So that -- now would that stain -- You don't take a swab of that stain right there?
A. No.
Q. When do you -- So what do you do with that envelope?
A. That's put on my work surface.
Q. Okay.
A. It's folded over and sealed and put on my work surface.
Q. Okay. In the meantime, you collected, I assume, four other stains?
A. Correct.
Q. And those are all with Q-tips?
A. Yes, they are.
Q. Okay. And those Q-tips are stored in that same little --
A. Yes.
Q. Okay. That's the same little stand, Q-tip drying stand or something?
A. Yes.
Q. Okay. Um, and, um, and then what's the next -next thing you do?
A. The next stain that I process?
Q. Yes.
A. The next stain that $I$ collected, that I actually did DNA on, was the stain that was right to the right of the ignition.
Q. Okay. And how do you get that stain?
A. Again, $I$ collected that on a cotton swab.
Q. Okay. Is that after you have done the presumptive test?
A. Yes, same process with each one of these. Each one of these stains I do a presumptive test first and then $I$ do the actual collection of the sample.
Q. Okay. And how do you decide which ones you are -- I mean are you taking swabs that you intend to do DNA analysis --
A. Yes.
Q. -- on from each one of these stains?
A. All of the stains that are on a hard surface, like the dashboard or a metal part of a car, we can't actually cut that metal out, so the way to remove those stains is to use a cotton swab and actually take the stain off.

If it's a stain on a piece of fabric -We don't -- it's much more efficient and we get more sample out of it when we cut the stain. So all the stains that were collected from like cloth seats, the stain was actually cut. If it was a stain that was on a hard surface, it was collected with a cotton swab.
Q. Okay. And -- But did you not analyze some of these stains later, for DNA, or did you analyze all of them?
A. No, I didn't. I only chose four to analyze.
Q. Okay. And how did you decide which four?
A. Um, it was -- I basically just took a random sampling of some of the stains -- as I said, Nick Stahlke, one of the other analysts in the laboratory, is proficient in blood spatter -under his direction. He said that some of the stains appeared to be possible drips. Those stains I collected for sure. And that's how I decided which ones to actually look at.
Q. Okay. So, he -- he basically told you which ones he thought looked like blood?
A. Right.
Q. Okay.
A. Not looked like blood, but looked like they were
drips of blood. The stain -- I collected -- All the stains I collected gave me a positive phenolphthalein for blood and were consistent with the appearance of blood.
Q. Okay.
A. I chose to do DNA on certain stains, the ones that appeared to be drip marks or that appeared to be isolated stains, not with the larger bloodstain. I only did one of those.
Q. Okay. And the reason for that was because they appeared to have dripped from the other stains? I guess I'm --
A. Well, I mean they could have appeared to have dripped from anything, from someone that was injured, from an object, from a weapon, from anything. They just appeared to be different.

A lot of times when we process cars, or any kind of evidence, that's part of the process, is to decide which stains maybe look different, which stains are separated from other stains, which stains might be -- give a little more probative evidence than the --

For instance, in this case, the large stain in the back, $I$ took that stain, but there were other smaller stains associated with that.

I took that stain, but I didn't take, you know, four or five samples from that stain, I just took one sample from that stain.

The other samples, perhaps they were from another source of the blood. So that's why we choose certain samples to take and certain ones not to examine.
Q. Okay. So the -- And how long does this process take?
A. To process a car?
Q. Right.
A. My portion of it, it took me most of the day.
Q. Okay.
A. And then someone else had to process it for fingerprints. You know, it depends on the vehicle. Sometimes they take a day, sometimes it may be two or three days. It just depends.
Q. And so there is a total of 10 stains that you get presumptive positive blood tests from?
A. Correct.
Q. And I think you said four of those you also swabbed for -- with a swab, a cotton like, for DNA?
A. All of them -- All of those 10 I collected.
Q. For DNA?
A. Right --
Q. Okay.
A. -- with a swab --
Q. Okay.
A. -- but I only chose to examine four of them --
Q. Four. Okay.
A. -- for DNA.
Q. All right. And you go through the same process in each one?
A. Yes.
Q. And how many of them are drying -- drying at the same time?
A. Well, I don't recall exactly, but as they are dry, I take them out and put them into the envelope as I, you know, as I go along.
Q. Okay. And how can you tell if they are dry; do you like feel them?
A. Actually, I put them in the envelope and then I reopen them. I reopened them at my desk and let them air dry.
Q. Okay. So they are not quite dry, you put them in the envelope --
A. They weren't -- I mean, they were put in the envelope, then I took them up to my desk and I opened -- the end of them was opened so the air
could circulate. But they were never taken out of the envelope again.
Q. Okay. When you do that, how are you carrying them up to your office?

ATTORNEY KRATZ: Objection, discovery, Judge. This is well beyond the preliminary hearing. THE COURT: Sustained.
Q. (By Attorney Johnson) Um, okay. So then, um, you are finished processing the car and, um, you are going to do the, uh, the analysis of these stains; is that right?
A. Yes.
Q. Um, and how do you do that?
A. Um, these stains that I recovered?
Q. Right.
A. I take each of the stains. I cut a small portion of the stain. I put it in a tube and I do a procedure that basically extracts the DNA from the cells. Um, I go through a process where I clean it up. And in the end, I end up with a vial with about 45, 50 microliters of liquid that has nothing but DNA in it.
Q. Okay.
A. I take that DNA. I quantitate it, which means I try and find out how much DNA, what the
concentration is of the DNA. Some samples have a lot of DNA. Some samples don't have very much. So I have to quantitate it to find out how much is in there. I then set up these samples to be amplified for DNA.

In this type of DNA analysis, we're looking for specific fragments of DNA. These fragments have to be amplified, which I set them up for that process in the laboratory. Then I run them on an instrument that detects those fragments of DNA that we're looking for. When the data comes off of the instrument, what I get is a composite profile of DNA fragments that characterizes that particular stain.
Q. Okay. So with the amplification, that's the PCR; is that right?
A. Yes.
Q. Okay. And then you do, um, the -- the process by which you look for the -- the -- the repeats, is that right, the short tandem repeats?
A. Yes. It's a PCR based system. And STRs are the fragments we're looking for. We use a commercially prepared kit that tags those fragments with a fluorescent dye and then our instrumentation detects that dye and that's how
we get the actual size that comes out of the fragments.
Q. Okay. And then, um, that ultimately ends up, you -- you look for, is it 13 different locations?
A. There are 13 core loci. In our laboratory we use a kit that is produced by Promega, which has, actually, two extra ones. There are no statistics associated with those extra ones, but we do the 13 core loci that the FBI requires, in addition to two extra ones.
Q. Okay. So, basically, when you talk about core loci, what you are talking about is 15 different points, 15 different locations, right?
A. Yes.
Q. Okay. And then you are looking for what's at those particular locations?
A. You are looking at fragments of different sizes. For instance, at a particular locus, say D5, I might be a 14/15, someone else is a 15/16. So they have one fragment that's a little bit bigger. Those fragments are determined -- The difference in those fragments is determined by the size of them.
Q. And this is all done by a computer, right, a
machine?
A. It's done by a 310 capillary electrophoresis instrument?
(Court reporter asks her to repeat her answer.)
A. 310 capillary electrophoresis instrument. And that detects the fragments as it goes through the instrument with the dyes attached to it and that tells us what the size of those fragments are.
Q. Do you get like a printout then --
A. Yes.
Q. -- with some peaks on it?
A. With peaks on it, yes.
Q. Okay.
A. And those peaks represent the fragments.
Q. Right. So, like if you -- you get sort of a chart and one particular area there's -- which represents a particular location on the DNA loci, or locus, basically, I guess, if you are talking about one, then you look for two peaks, if there is two, or one if there's one and you -- and that's the 14 , or the 15 , or the 16 , or whatever?
A. Correct.
Q. Okay. And for each of these 13 loci, you will get a reading of however many peaks there are in that particular DNA sample?
A. Correct.
Q. At that -- at that locus?
A. Correct.
Q. And do you do the -- the reading of that graph, that -- that chart with the peaks?
A. Yes, I do.
Q. Okay. So -- So, you are the one who -- who looks and says that -- the computer tells you --
A. Well, we actually have a computer program, but I actually analyze -- I mean, each analyst is responsible for looking at their own data and making those interpretations.
Q. Okay. So, that's your call as to whether a particular peak actually represents the presence of an allele there versus some background noise and things like that that sometimes gets printed out as well?
A. Correct.
Q. Okay. Um, and you go through this process for each of these 13 core loci that the FBI tells you to look at, right?
A. Correct.
Q. And plus, this particular commercially manufactured thing, this is the PowerPlex 16; is that right?
A. Yes.
Q. It gives you two more, that's like penta E and penta D, or something like that; is that right?
A. Correct.
Q. Okay. And then -- So you look for those additional loci as well?
A. Correct.
Q. Okay. And then, um, and then do you also look to see if there's a, um, a genetic marker for sex?
A. Yes.
Q. Okay. And you did that with the samples that you got, four of them; is that right?
A. Yes, from that item of evidence.
Q. Okay. And do you remember which four?
A. I believe it was A6, A8, A9 and A12. Um, A6 was a stain from the driver's side front seat. A8 was a stain near the ignition. A9 was on the front seat in the passenger side. And A12 was a stain that was, um, it was between -- it was on the passenger side, between the front and back door, that metal panel. Um, I don't know what you call it. It was on the passenger side, the metal piece that -- that -- where the door closes.
Q. Okay. Like the frame?
A. Yeah.
Q. Okay.
A. On the side of the frame.
Q. Okay. And that was on the side of the frame on the passenger --
A. Yes.
Q. -- side in the rear?
A. Right.
Q. Is this a four-door or two-door?
A. Four-door.
Q. Four-door. Do you ever do any other test with regard to whether or not it is blood?
A. No, we do not.
Q. Now, you generate a DNA profile based on the -the presence of different alleles at these different loci, correct?
A. Yes.
Q. Okay. And, then, did you compare that to, um, the DNA Data Bank, Wisconsin DNA Data Bank?
A. Originally, yes.
Q. So that was the first thing you did?
A. Um, after I generated the profile, I requested a keyboard search, um, through the Milwaukee Data Bank.
Q. Okay. Why did you do that?
A. Because I was asked to do that.
Q. By who?
A. The police department. Um, there was -- My initial testing indicated that it was a male individual. Um, I did not have any samples from anyone, um, so we thought someone may be in there that matched, so we did a keyboard search. Um, I think between myself and the DCI agents -- and I don't remember who -- we had a discussion and it was decided that we would do it.
Q. Okay. How -- How broad a keyboard search did you do?
A. I did not actually do it. Dan Haase did it, who is the -- in charge of the data bank over in Milwaukee. I sent him the profile that I developed from these stains. Um, and he searched all the state -- the convicted offender -- State Convicted Offender Data Base.
Q. Okay. But did you do, um, a search -- I mean, do you know if he did a keyboard search just based on those specific alleles at each one of those different loci, or did he do a broader search whereby he would put in more than those two alleles for each loci? Do you know what I'm asking you?
A. No, you would just --

ATTORNEY KRATZ: Judge, I'm going to object. Whatever he's asking is well beyond a preliminary hearing.

THE COURT: The objection is sustained; it's discovery.
Q. (By Attorney Johnson) Now, with regard to the key, when did you get the key?
A. I believe it was the 8th. Let me check my notes to make sure.
Q. You are using your notes there to refresh your recollection; is that correct?
A. Yes, I am.
Q. Can I just -- Can we approach?

THE COURT: Yes.
(Side bar taken.)
Q. (By Attorney Johnson) Does that refresh your recollection as to when you got the key?
A. Yes.
Q. Okay. When did you get it?
A. November 8th.
Q. Okay. And how did it come to you?
A. It came into the laboratory from a DCI agent, Matthew Joy.
Q. How was it packaged?
A. In a brown paper bag.
Q. Okay.
A. With evidence tape. I opened it up and then --
Q. I'm sorry, where was this taking place, in your office?
A. No, in the garage.
Q. In the garage?
A. Yes.
Q. Same garage?
A. Yes.
Q. Okay. And is there like a table or something that's set up to do this kind of thing?
A. No, I believe it was taken in by an evidence specialist and then it was brought down to me, because they wanted it swabbed before it could be tested on the car to see if it -- it would turn the ignition.
Q. Okay.
A. So they gave it to me. I had gloves on. I opened the package. I swabbed the area, the black part of the key that does the crank, with a cotton swab. There was no visible staining on it. That's when $I$ took the key and put it in the ignition and tested the lock on the door.
Q. Okay. So you, um, you swabbed the black part; is
that the only part you swabbed?
A. Yes.
Q. Okay. And then what do you do with that swab?
A. That was also laid out in my work space to air dry.
Q. Okay. I assume there's -- that's the one swab there at this time?
A. Yes, this was the next day.
Q. Okay. Um, what is the procedure? Is this the same work space that you used down in this garage all the time or was this sort of a temporary set up?
A. It was a temporary set up. It's not my work space that $I$ use all the time. It's just set up, an area set up for processing cars.
Q. Okay. And -- And it was brought to you there because the car was still there and you expected to -- to eventually try the key on the car; is that the idea?
A. Yes.
Q. Okay. And this was -- Um, what's the procedure for dealing with that work space in between the time you examined the car and the time you examined this key?
A. Well, it's used by multiple people, I mean,
whoever needs the space to work on the car. Before I start working on it, I clean it down with bleach and put down white paper.
Q. Okay. And what about the little Q-tip holder?
A. That's also cleaned down with bleach, at my desk.
Q. You do that personally?
A. Yes.
Q. Okay. And so you -- you -- you do that everyday at the end of the day, or how do you do that?
A. We do it several times a day, depending on what kind of evidence we have out, what we're working on. We clean our pipettes. We clean our work bench. We clean our forceps, our -- everything, numerous times.
Q. Okay. Do you know how many times this was cleaned?
A. No, I don't.
Q. In between the car and the key, you don't know?
A. No, I don't know how many times. It was cleaned, because I always clean it every time I use it.
Q. Okay. You clean it right at the beginning of processing any piece of evidence?
A. Yes, I do.
Q. Okay. And so then you swab this, this air drys, and then what do you do with the key?
A. Then I put it back into the paper container and I believe I retained custody of it.
Q. Were you the person that tried it in the ignition then, too?
A. Yes.
Q. Okay. And you did that right after you swabbed it?
A. Yes.
Q. Right. Immediately --
A. I -- As soon as $I$ was done swabbing it, I tried it in the car.
Q. Okay. And you tried it in the ignition and you said, also, in the door; is that right?
A. Yes. I locked the door and it opened the lock.
Q. Okay. And then you turned the ignition and it turned over?
A. Actually, it didn't turn over because, I believe -- It didn't crank. I believe the battery was disconnected?
Q. Oh.
A. But it -- I mean it turned completely over. It just didn't crank the engine.
Q. Okay. Um, and then, um, when do you get the, um, the samples from -- Mr. Kratz referred to them as the intimate samples -- when do you get those
things?
A. Um, the buccal swabs?
Q. Right.
A. The standard samples?
Q. Right.
A. I will have to check my notes and evidence.
Q. Go ahead.
A. There were three buccal swabs that were submitted, and they were all three submitted on the 11th of November.
Q. Okay. And who were those from?
A. Allan Avery, Bryan Dassey, and Steven Avery.
Q. Okay. Those are the three that you got?
A. Buccal swabs, yes.
Q. Okay. And those -- And you generated profiles off of those three?
A. Yes, I did.
Q. Okay. And that's the same process that you did with generating the profile from the -- from the stains in the car?
A. Yes.
Q. And how did those -- those swabs come to you?
A. How are they packaged?
Q. Right. How did you get them?
A. They came into the laboratory --

THE COURT: I'm going to impose my own objection here, again. This goes to discovery. ATTORNEY JOHNSON: Okay.
Q. (By Attorney Johnson) Now, the partial profile that you received from the, um, the charred materials, when did you receive those?
A. The 11th as well.
Q. Okay. And, um, you generated a partial profile, that's because you could only -- there was only enough DNA material to -- to find seven out of the 13 loci; is that the idea there?
A. No, I suspect in this case it was because the DNA was degraded.
Q. Okay.
A. It was not a very, um, good sample for DNA.
Q. Okay. And so what does that do to it?
A. Um, when you look at a DNA profile, as you are, um, the larger -- when a DNA sample -- when DNA begins to degrade, the larger fragments will begin to break up and we don't detect them.

So, when you look at a sample where the smaller fragments are detected, which was the case in this particular instance, if it's a degraded sample, you usually see the larger fragments drop out. So, I only got fragments at
seven loci instead of 13.
Q. Okay. And -- and, um, so those -- those -those, um, fragments that you got on the seven loci would have been larger fragments?
A. Smaller fragments.
Q. Smaller fragments. The larger ones would drop out?
A. Yes.
Q. Okay. The loci would be present, you just wouldn't see any peaks in those particular places; do I have that right?
A. Well, the loci basically just refers to a location.
Q. Right.
A. The peaks are the actual fragments that are there, but any time a biological sample starts to -- such as DNA -- starts to degrade and break up, it basically just breaks apart. And so the DNA at those places are beginning to break apart.
Q. So you don't -- So what, are there no peaks at --
A. Nothing.
Q. -- those loci?
A. Right. There's nothing.
Q. Nothing --
A. Nothing.
Q. -- on the printout, there's just nothing there?
A. Correct.
Q. Okay. Using those -- At those seven different loci, did you get two alleles at each one; do you know?

ATTORNEY KRATZ: Objection, discovery, Judge.

THE COURT: Sustained.
Q. (By Attorney Johnson) How do you come up with the calculation of one in a billion in the Caucasian population?
A. We use the FBI's Data Bank and, basically, each one of these fragments are inherited independently of each other. So, we can multiple the frequencies of each one of these fragments, how frequent -- how common or how rare that particular fragment is in the population.

So, by combining those numbers, by multiplying the frequencies of the fragments of the alleles that I did get, and comparing that to the FBI's data base, the frequency is one in a billion in the Caucasian and the other numbers that I stated.
Q. At any particular loci, you will get two alleles, correct?
A. If that person is a heterozygote, yes.
Q. Okay. What does that mean?
A. It means they inherit -- You always inherit half of your DNA from your mother and half from your father. If you are heterozygote, you inherit a different fragment of DNA from your mother and a different from your mother -- from your father.

If you are homozygote, then you inherit the same one from each parent.
Q. So, then you would have two 14's at the same locus?
A. You would only have one peak.
Q. Okay.
A. And it would be 14.
Q. Okay.
A. So that person is homozygote.
Q. Okay. Um, if the DNA is not degraded, it doesn't take much to get a profile; is that right?
A. Correct.
Q. How much?
A. When we amplify the DNA, we usually shoot for around one nanogram.
Q. And how much is that?
A. I don't recall exactly.
Q. Okay. I'm sorry, I think I may have asked this,

I'm not sure. When you process the vehicle, you wear a lab coat; is that right?
A. Yes.
Q. Gloves?
A. Yes.
Q. And safety glasses?
A. Yes.
Q. And -- And do you wear a face mask?
A. No, I didn't.
Q. Other people there wearing face masks?
A. No.
Q. Okay. Other people there wearing gloves?
A. Yes, everybody wears gloves.
Q. Okay. And -- And any other protective clothing?
A. I don't recall what the other people were wearing.
Q. Okay. But you, yourself, no other protective clothing, nothing like on your feet, anything like that?
A. No, I didn't have anything like that on.
Q. Okay. And you wear gloves throughout the entire process?
A. Yes.

ATTORNEY JOHNSON: That's all the questions I have. Thank you.

THE COURT: Any redirect?
ATTORNEY KRATZ: No, Judge.
THE COURT: All right. The witness is excused.

ATTORNEY KRATZ: We will move the admission of Exhibits 12, 13, 14, and 15 at this time.

THE COURT: Are there -- Is there any objection to 12, 13, 14 and 15? I believe 12 and 13 are photos and 14 and 15 are lab results.

ATTORNEY LOY: No objection for purposes of this hearing.

THE COURT: All right. Those exhibits are admitted.

ATTORNEY KRATZ: Your Honor, the last piece of evidence that's being offered, and is by stipulation, is Exhibit No. 16, which is a certified copy of a death certificate -- death certificate for that of Teresa M. Halbach, having date of birth, March 22nd, 1980.

That death certificate was filed by Michael Klaeser, Calumet County Medical Examiner. It was filed in the Manitowoc County Register of Deeds Office today. And the designation of cause of death is that of a homicide. I will provide the Court with Plaintiff's Exhibit 16 at this
time.
THE COURT: Any objection to Exhibit 16?
ATTORNEY LOY: Not for purposes of this hearing.

THE COURT: All right. Exhibit 16 is received. Is there anything further from the State?

ATTORNEY KRATZ: State rests, your Honor.
THE COURT: Is there any evidence to be offered from the defense?

ATTORNEY LOY: No, your Honor.
THE COURT: Do the parties -- either party wish to make argument with respect to either of these cases?

ATTORNEY KRATZ: I do not, Judge. I'm going to move the Court for bindover, asking the Court, with the evidence and the reasonable inferences, to find probable cause that a felony has been committed, that the defendant probably committed that felony, and bind him over for trial.

THE COURT: Mr. Loy, or Mr. Johnson?
ATTORNEY LOY: Your Honor, we'll simply move to dismiss, for the record.

THE COURT: All right. Based on the evidence presented, the Court is going to determine that there's probable cause to believe that a felony
has been committed in each of these cases, that is, 05 CF 375 and 05 CF 381. The Court will schedule these matters for an arraignment. I will ask the clerk to get me my calendar.

Counsel, $I$ know there is a bail
reduction motion as well. We have run out of time to hear it today. I can hear it at the same time as the arraignment, if the parties wish.

ATTORNEY KRATZ: That's fine, Judge.
THE COURT: Mr. Loy.
ATTORNEY LOY: Your Honor, I could try to be very brief with my bail motion.

THE COURT: I'm not -- I said 5:00 was the deadline today. We stretched that a bit already. ATTORNEY LOY: I appreciate that, your Honor. That's fine.

ATTORNEY KRATZ: If I may, Judge, and I understand that the Court had anticipated this, the State is going to file with the Court at this time a three count Criminal Information in case No. 05 CF 381. We are merging the three counts from the two different Complaints into one Information. It was contemplated that Mr . Loy would ask for a separate arraignment date and we obviously have no objection to that.

ATTORNEY LOY: We have been served with a copy of the Information, your Honor. We would ask for an arraignment at a later date.

THE COURT: All right. Well, the choices are as follows: Next week I have some civil trials scheduled. I do not know the status. There's also some criminal trials, actually. The calendar is thinning out a bit, but $I$ have no days that are open at this time. So, if you want to take a contingent date next week, I can look at that, otherwise we're looking into January. I can give you -- How about 3:00 on Monday, January 9th.

ATTORNEY KRATZ: I'm actually in a jury trial that afternoon. Did the Court have something -- did you say next week Tuesday or Wednesday?

THE COURT: Well, what $I$ said is, at this time I have got trials scheduled next week. I have got two trials scheduled for Tuesday and one for Wednesday.

ATTORNEY LOY: Your Honor, actually, we would prefer a January date because there are some things we need to do.

THE COURT: All right. How about 3:00 on Thursday, the 12th.

ATTORNEY KRATZ: I'm sorry, Judge, I'm unavailable then, as well. The entire next week I am available, as well as the week of the 23 rd .

THE COURT: All right. How about 9:00 on the 17th?

ATTORNEY KRATZ: That would be fine. ATTORNEY LOY: That's fine with us. THE COURT: Works fine with both parties, very well, that would be for the arraignment and bail reduction hearing.

ATTORNEY KRATZ: Just so the parties -should we anticipate bringing our calendars to schedule future matters at that time as well, your Honor?

THE COURT: That would probably be advisable.

ATTORNEY KRATZ: Thank you, Judge. ATTORNEY LOY: Thank you, your Honor. THE COURT: January 17th. We are adjourned for today.
(Proceedings concluded.)

STATE OF WISCONSIN ) ) ss COUNTY OF MANITOWOC )

I, Diane Tesheneck, Official Court Reporter for Circuit Court Branch 1 and the State of Wisconsin, do hereby certify that I reported the foregoing matter and that the foregoing transcript has been carefully prepared by me with my computerized stenographic notes as taken by me in machine shorthand, and by computer-assisted transcription thereafter transcribed, and that it is a true and correct transcript of the proceedings had in said matter to the best of my knowledge and ability.

Dated this 20th day of January, 2006.

Diane Tesheneck, RPR Official Court Reporter

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