

11/19/97
COURT REPORTER
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MS

IL 71 RESISTORS' EXHIBIT 3.14

Madiar, Eric M.

From: Tari Tweddale [tweicher@uiuc.edu]
Sent: Thursday, August 09, 2007 3:15 PM
To: Paul Mixon
Subject: Re: Bat habitat map
Attachments: Indiana_Bat_LaSalle_Co_map2.jpg; Indiana_Bat_LaSalle_Co_map1.jpg

Paul,

Attached are two different maps in PDF and JPG formats showing the IL-GAP predicted species distribution in LaSalle County, IL. I will send the PDF version of both these maps a separate email because the files sizes are too large to send all in one.

Let me know if these are OK or if you want me to include other layers or areas.

Hope I could be of some help.

Tari

At 11:37 AM 8/9/2007, you wrote:

Ms. Tweddale:

My name is Paul Mixon and I have been retained as an expert witness in a proceeding before the Illinois Commerce Commission. The proceeding, ICC Docket No. 06-0706, involves the proposed location of two electric transmission lines in LaSalle County, Illinois. One of the issues in this proceeding is whether the electric transmission lines proposed for construction will impact potentially suitable Indiana Bat habitat. AmerenIP, the electric utility seeking to construct the transmission lines, has apparently relied upon data from the Illinois Gap Analysis Project to plot a map of potentially suitable Indiana Bat habitat in the LaSalle-Peru area of LaSalle County. I have attached this map for your convenience (See the attachment (Amemen Exhibit 11.10)).

If possible, could you please provide me with a map similar to Ameren Exhibit 11.10 that contains Illinois Gap Analysis project data of potentially suitable Indiana Bat Habitat in the Ottawa-Wedron area along the Fox River in LaSalle County?

Thank you very much.
Sincerely,
Paul Mixon

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Tari Tweddale

9/4/2007

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Madiar, Eric M.

From: Tari Tweddale [tweicher@uiuc.edu]
Sent: Friday, August 24, 2007 9:01 AM
To: Paul Mixon
Subject: Re: Bat habitat map
Attachments: amacc01100_hex.jpg; IL-GAP_hexagon_categories.doc

Hi Paul,

Sorry it took me so long to respond. I have been trying to find the individual point locations that I used for all the mammals, but it is currently sitting on a hard drive of a computer which crashed a couple months ago. It will take me a while to retrieve this data from backups, so my answer to your question is based on my memory.

Attached is the hexagon range map and the criteria for each of the hexagon categories. The hexagon range map is based on the known point locations, and in the case of the Indiana Bat, most locations are from museum collections data. You can see the hexagon range maps show only confirmed and predicted locations meaning the locations point locations can range from 1970 - present. The known locations for the Indiana Bat in LaSalle county is the Blackball mine from November - April, May 3, and September 3. These locations I believe were from around 1980, but I believe that a hibernacula still exists there today.

FYI....one of the references I used to create the hexagon range maps is the 1989 book Mammals of Illinois by Donald F. Hoffmeister. This book identifies the museum locations for each mammal.

Have a great weekend,
Tari

At 10:08 AM 8/17/2007, you wrote:

Hi Tari:

Thank you very much for the habitat maps that you sent. I think they will be very helpful to us. One question: Do you know what years (or how many years of study) are represented by the data shown in the maps you sent? For example, is this 10 years worth of data and analysis? Is this more than that? I am trying to get info on how much historical data is available on the Indiana Bat habitat, etc. Any help or advice you could give is greatly appreciated. Thank you!

Best regards,
Paul Mixon
Engineering Consultant

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