

From: [Orndorff, Wil \(DCR\)](#)
To: [Bulluck, Jason \(DCR\)](#); [Reynolds, Rick \(DGIF\)](#); [Hoskin, Sumalee](#)
Cc: [Hobson, Chris \(DCR\)](#); [Smith, Thomas \(DCR\)](#)
Subject: RE: Mountain Valley Pipeline - Canoe Cave Northern Bat Record
Date: Saturday, December 12, 2015 1:58:23 PM

The current centerline of the pipeline - as surveyed by MVP and submitted to FERC - runs directly over the highest passage in the cave.

I suspect T and E species are handled a little different, especially the Northern bat with the new listing. I don't think there is a high likelihood of site occupancy at this time, but I don't question the veracity of the record.

From: Bulluck, Jason (DCR)
Sent: Friday, December 11, 2015 3:30 PM
To: Reynolds, Rick (DGIF); Hoskin, Sumalee; Orndorff, Wil (DCR)
Cc: Hobson, Chris (DCR); Smith, Thomas (DCR)
Subject: RE: Mountain Valley Pipeline - Canoe Cave Northern Bat Record

Hi Rick, I will let Wil speak to your last question.

Re: data use, we use a 40-year cut-off at which point our cave/karst associated occurrence data become "historic". At that point we no longer include them in some of our data products and conservation decisions. However, we do still consider these occurrences in our environmental review.

Thank you,

Jason

From: Reynolds, Rick (DGIF)
Sent: Friday, December 11, 2015 10:07 AM
To: Hoskin, Sumalee; Orndorff, Wil (DCR)
Cc: Hobson, Chris (DCR); Smith, Thomas (DCR); Bulluck, Jason (DCR)
Subject: RE: Mountain Valley Pipeline - Canoe Cave Northern Bat Record

We don't have this record in our database, but I will forward the record on to our VAFWIS/GIS staff. A question that comes to mind, is there a "timeline" where a record becomes historic (30-50-100 years?) and is not used in environmental reviews? The location I have for the cave, and it certainly won't be the first time that my coordinates are off, places it about a half mile north of the proposed pipeline. Do we know for certain that the pipeline is running over the top of the cave or is this the interpretation of the landowner? Thanks

Rick

From: Hoskin, Sumalee [mailto:sumalee_hoskin@fws.gov]
Sent: Tuesday, December 08, 2015 4:53 PM
To: Orndorff, Wil (DCR)
Cc: Hobson, Chris (DCR); Reynolds, Rick (DGIF); Smith, Thomas (DCR); Bulluck, Jason (DCR)
Subject: Re: Mountain Valley Pipeline - Canoe Cave Northern Bat Record

Wil,

Thanks for bringing this to our attention. I think the record should be treated as a documented NLEB hibernacula. I'd like to ensure all agencies are consistent. Rick, Chris please weigh in. If we all agree it should be considered a NLEB hibernacula can I have the coordinates so we can get it into our database, or would Jason provide a VDGIF update?

Thanks,
Sumalee

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Visit us at <http://www.Fws.gov/north-east-virginia-field>

On Tue, Dec 8, 2015 at 4:38 PM, Orndorff, Wil (DCR) <Wil.Orndorff@dcr.virginia.gov> wrote:

Dear colleagues,

I may have related this to you earlier, but just in case.

There is a February 7, 1982 record (Radford University, Gary Nussbaum – and presumably Jenny Tipton-Dalton) of a Northern bat (*M. septentrionalis*, formerly grouped with *M. keenii*) for Canoe Cave. This was a winter hibernacula record. Correspondence is attached.

Canoe Cave lies directly beneath the proposed MVP Gas Transmission Line centerline as submitted by MVP to FERC.

Regulatory agencies (FWS, DGIF) need to decide ASAP how to treat this record for purposes of the pipeline. The owner is aware of the record and its associated legal status.

Thanks,

Wil