

From: [Lennon, Tiernan](#)
To: [Taina Pankiewicz](#)
Cc: [Stahl, Megan D.](#); [Sumalee Hoskin](#)
Subject: Re: MVP Tree Clearing Acreages
Date: Thursday, October 26, 2017 8:08:42 AM

Hey Taina - Just one correction for 1 and 2 it should be 5 miles not 0.5.

On Wed, Oct 25, 2017 at 5:42 PM, Taina Pankiewicz <TPankiewicz@envsi.com> wrote:

I just talked to Tiernan and I want to recount that conversation here to ensure we are all on the same page.

The chart should be filled in as follows:

1. Known use spring staging/fall swarming habitat – these are areas within 0.5 miles of hibernacula documented endangered species occurrence
2. Unknown use spring staging/fall swarming habitat – these are areas within 0.5 miles of hibernacula that are suitable or potentially suitable where an endangered species has not been documented
3. Known use summer habitat – maternity records – for MVP, this is just the Wetzle bat
4. Suitable unoccupied summer habitat – this is all areas where negative mist net surveys were completed, minus 1, 2 and 3 above.
5. Unknown use summer habitat – this is all areas where mist net surveys were NOT completed, minus 1, 2 and 3 above.

In addition, USFWS would like to know what subset each of these is proposed for clearing in which season.

Thus, in order to answer ANY of this, the first thing that needs to happen is that MVP and USFWS have to come to a consensus on which of the unsurveyed portals are going to be removed from consideration as potentially occupied.

Please feel free to correct me if I have misspoke on anything.

Thanks!

Taina

From: Taina Pankiewicz
Sent: Wednesday, October 25, 2017 4:50 PM
To: 'Lennon, Tiernan'
Cc: Stahl, Megan D.; Sumalee Hoskin
Subject: RE: MVP Tree Clearing Acreages

Tree removal is proposed during multiple seasons for most of these categories. Like, MVP committed to clear the known summer use area in Wetzle County in Winter. But for known spring staging / autumn swarming, some is proposed to be cleared in spring, some is proposed to be cleared in autumn and some is proposed to be cleared in winter. Do you want us to just lump it all into one bucket or do you want us to create subcategories – like # VA acres in known us spring staging / fall swarming where winter clearing is proposed?

From: Lennon, Tiernan [mailto:tiernan_lennon@fws.gov]
Sent: Wednesday, October 25, 2017 4:45 PM
To: Taina Pankiewicz
Cc: Stahl, Megan D.; Sumalee Hoskin

Subject: Re: MVP Tree Clearing Acreages

Taina - Both of your statements are correct. The tree removal column is meant to clarify what time of year tree removal would occur in each habitat type. For example, for known use summer habitat MVP plans to remove trees between Nov. 15 - March 31st. If you have any questions or need further clarification feel free to give me a call, I'll be at my desk for the next 30 mins.

On Wed, Oct 25, 2017 at 4:28 PM, Taina Pankiewicz <TPankiewicz@envsi.com> wrote:

Hey Tiernan,

I hope it is ok if I ask for a little bit of clarification. We have provided a variety of acreages to USFWS for the MVP project and I want to make sure that we are providing the information you need. It LOOKS like this table is simply saying “These

are the number of acres of clearing associate with each of these types of Indiana bat habitat", is that correct? If so, then for the far right column, that says "Tree removal window" would we simply the subset proposed to be cleared by season?

Thanks much!

Taina

From: Stahl, Megan D. [mailto:MStahl@eqt.com]
Sent: Wednesday, October 25, 2017 4:20 PM
To: Lennon, Tiernan
Cc: Taina Pankiewicz; Sumalee Hoskin
Subject: RE: MVP Tree Clearing Acreages

Tiernan,

We are working on filling in the numbers. I should be able to send the completed table to you tomorrow.

Megan

From: Lennon, Tiernan [mailto:tiernan_lennon@fws.gov]
Sent: Wednesday, October 25, 2017 9:24 AM
To: Stahl, Megan D. <MStahl@eqt.com>
Cc: Taina Pankiewicz <TPankiewicz@envsi.com>; Sumalee Hoskin <sumalee_hoskin@fws.gov>
Subject: Re: MVP Tree Clearing Acreages

Hey Megan - As discussed, please see attached table.

On Mon, Oct 23, 2017 at 2:08 PM, Stahl, Megan D. <MStahl@eqt.com> wrote:

Tiernan,

The total amount of tree clearing that will occur outside of buffers in spring and autumn is 1,263.6 acres of which 1,005.12 acres are in WV and 258.55 acres are in VA.

Megan

From: Lennon, Tiernan [mailto:tiernan_lennon@fws.gov]

Sent: Wednesday, October 18, 2017 4:39 PM

To: Stahl, Megan D. <MStahl@eqt.com>

Subject: Re: MVP Tree Clearing Acreages

Thanks for the info Megan. Can you tell me how many of the 1, 263.6 acres are in VA and how many are in WV?

Tree clearing outside of buffers:

The total amount of tree clearing that will occur outside of buffers in spring and autumn is: **1,263.6** acres. Please note this includes areas that were excluded from Take calculations, such as areas where MVP conducted mist netting and did not capture listed bats.

On Wed, Oct 18, 2017 at 3:33 PM, Stahl, Megan D. <MStahl@eqt.com> wrote:

Sumalee,

In regards to your question we discussed on Friday, I am providing the following information. The table represents acres of tree clearing, by season, within a 5-mile radius of Indiana bat summer capture and/or assumed presence potential hibernacula plus 0.25-mile radius of NLEB potential hibernacula. Due to overlap of many buffers we lumped overlapping segments together by milepost. However, we can provide the clearing associated with each feature if you prefer. Also, Tiernan mentioned you may want this broken down by species and by state. Please let me know.

Tree clearing within buffers:

Tree Clearing within Buffers by Season				
				Total
Label	Feature	MP Start	MP End	Acre

LOD	Bats Maternity Area Winter Clearing	0	10.2	263.76
LOD	Bats Winter Clearing	74.7	74.8	1.35
LOD	Bats Winter Clearing	77.6	91	311.73
LOD	Bats Winter - Spring Clearing	91	102.8	238.75
LOD	Bats Winter Clearing	104.4	124.6	450.45
LOD	Bats Winter - Spring Clearing	124.6	126.7	51.28
LOD	Bats Winter Clearing	172.8	189.7	329.78
LOD	Bats Autumn - Winter Clearing	190	195	83.83
LOD	Bats Winter - Spring Clearing	195	205.7	230.91
LOD	Bats Winter Clearing	205.7	232.5	520.69
LOD	Bats Autumn - Winter Clearing	232.5	235.5	53.75
LOD	Bats Winter Clearing	235.5	243.8	153.52
TOTAL				2689.8
Winter within Buffers				2031.3
Spring and Autumn within Buffers				658.5

Tree clearing outside of buffers:

The total amount of tree clearing that will occur outside of buffers in spring and autumn is: **1,263.6** acres. Please note this includes areas that were excluded from Take calculations, such as areas where MVP conducted mist netting and did not capture listed bats. If you need this broken down into the number of acres associated with Take versus acres excluded from Take calculations let me know.

I will be responding to additional questions from Tiernan in a separate email tomorrow.

Please let me know if you would like to discuss, or need anything else. For the remainder of this week I can be reached on my cell phone (412-737-2587).

Thanks,

Megan

Megan Stahl

Permitting Supervisor

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Our office is working on Administration priority projects and we anticipate increased project review times (≥ 60 days) and response times to phone calls and emails. Please be patient; we will address project reviews and messages as soon as we are able to.

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