

EXAMPLE CALCULATION:

- 1) Review project footprint and determine related acreage of tree removal activities (trees >5" DBH).
- 2) Review the known bat habitat polygon information provided by USFWS. An interactive map version with legend is available at: <http://maps.kytc.ky.gov/photolog/?config=EnvironmentalOverview>.
- 3) For this example, assume you will be clearing:  
5.0 acres in Potential/Unsurveyed habitat **AND** 7.5 acres in Swarming/Summer Overlap habitat.

Reference **DRAFT** Table 1 of anticipated 2019 bat program:

Habitat Type	Active Season (**)	Active Dates	Inactive Season	Inactive Dates
Known Swarming	2.25 (2.75)	April 1 to Nov 14	1.75	Nov 15 – March 31
Known Summer	1.75 (2.25)	April 1 to Oct 14	1.25	Oct 15 – March 31
Unsurveyed	1.0 (1.5)	April 1 to Oct 14	0.5	Oct 15 – March 31

\*\* Ratio for tree removal in June and July. Use requires KYTC coordination with the KFO for project specific evaluation. (Request for use of this time frame cannot exceed 20 acres.)

! Please note that "Active/Inactive Dates" in this table relate to Indiana bat activities across the landscape and NOT construction actions!

Assuming chosen commitments include:

"No clearing trees 5 inches DBH or greater from June 1 to July 31" for Potential/Unsurveyed habitat areas (5.0 acres).

AND

"No clearing trees 5 inches DBH or greater from April 1 to November 14" for Swarming/Summer Overlap habitat areas (7.5 acres).

Then estimated mitigation costs might be:

$$\begin{aligned} & (5.0 \text{ acres}) * (1.0 \text{ rate}) * (\$3,820.00 \text{ standard}) = \$19,100.00 \\ + & (7.5 \text{ acres}) * (1.75 \text{ rate}) * (\$3,820.00 \text{ standard}) = \$50,137.50 \end{aligned}$$

TOTAL FEE ESTIMATED = \$ 69,237.50