



Habitat Assessment Form

NCDOT Abandoned Structures

Surveyors: _____ TIP or DOT project number: _____
 Date: _____ Road Name/SR Number: _____
 County: _____ Lat/Long: _____
 Property Owner & contact info, if known: _____

Structure number: _____

Canopy closure @ structure	0-25%	26-50%	51-75%	76-100%
%Surrounding habitat w/in 1 mi.	Urban/Commercial: _____		Suburban/Residential: _____	
	Agricultural: _____		Herb/Shrub/Grassland: _____	
	Deciduous/Evergreen/Mixed Forest _____			
	Woody Wetland/Herb Wetland/Open Water _____			

Distance to nearest woodlot (approx): >1000 feet <1000 feet
 Is there a water source w/in 1 mi.? yes no
 type: river stream/creek lake swamp pond

Structure type: house trailer barn shed other: _____
 Structure condition: intact/well sealed a few small access ways
 many/large access ways (open doors/windows) empty shell of a building
 Roof type: metal asphalt shingle other: _____
 Structure description: _____

Regular human use/disturbance: yes no
 Structure size(ft) length: width: height:
 Is there evidence of bat use on structure exterior (guano, staining) ? yes no
 If yes, describe what and where: _____

If structure interior can be accessed safely:
 Noticable airflow inside: yes no
 Interior air temp vs outside: varies by sec/floor same warmer than outside cooler than outside

Are there inaccessible areas of the structure that could house bats (e.g., attics, ceiling spaces):
 If yes, describe: _____

Is there evidence of bat roosting in structure interior (guano, staining, moth wings)?
 If yes, describe what and where: _____

Can bat genus/species be determined?
 Bat species present: _____

Take photographs of bats or evidence of bats (guano, staining).

If there is evidence of bats but no bats are observed, please check the building for night roosting after 11 PM. If there are parts of the structure that cannot be accessed for inspection, conduct an emergence count at sunset

Structure Assessment - Emergence Count



If an emergence survey is needed, it should begin 1/2 hour before sunset and continue for an hour or until it is too dark to see bats. Surveyors should position themselves outside so that emerging bats will be silhouetted against the sky. Do not conduct emergence count if temp is < 50F or if there is rain.

Temperature at start of count: _____
Emergence count starting time: _____
Time of sunset: _____
Emergence count ending time: _____
Number of bats leaving structure: _____
Can bat genus/species be determined? _____
Describe where bats exited structure: _____

Comments, notes:

Provide a diagram of the structure, where observers were placed for the emergence count, and location of any points of ingress/egress for bats. Please include a north arrow.