

Phase I Summer Habitat Assessments Northern Long-Eared Bat Habitat Assessment Data Sheet

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https://dot.sd.gov/doing-business/environmental/about-

environmental

General Project Information

Project/PCN County

Station # Multiple Sample Sites?

MRM #

Structure #

Brief Project Description

Project Area	T	-	
	Total acres	Forest acres	Open acres
Project			
(Acres of site being surveyed)			
	Completely	Partially Cleared	Preserve acres
	Cleared	(Leave Some trees)	(no clearing)

Proposed tree remova

(acres)

Vegetation cover types

Pre-project

Post-project

Landscape within 5-Mile Radius

Flight corridors to other forested areas? (If yes, Describe. e.g. shelterbelt, forested, forested creek bottom, forested river bottom)

es

Describe adjacent properties (e.g., forested, grassland, commercial or residential development, water sources).

Proximity to public land (15 Mile Radius)

What is the distance in miles from the project area to <u>forested</u> public lands (e.g., national or state forests, national or state parks, conservation areas or wildlife management areas)?

Northern Long-Eared Bat Habitat Assessment Data Sheet (continued)

Additional information about discreet habitat types at multiple sites

Use additional sheets to assess discrete habitat types at multiple sites in a project area. Include a map depicting sample sites in project area. A single sheet can be used for multiple sample sites if the habitat is the same.

Sample Site Description (Station # / MRM#)

Sample site no.

Sample site no.

Water Resources at Sample Site

Stream type Ephemeral Intermittent Perennial Describe existing condition of water sources (# and length in FT)

Pools/ponds Open and accessible to bats? (# and size in acres)

Wetlands Permanent Seasonal (Approx. acres)

Forest Resources at Sample Site

Closure/density (0.50') Midstory (20-50') Understory (<20') (0.50') (0.50') Understory (<20') (0.50') (0.50') Understory (<20') (0.50') (0.50') (0.50') Understory (<20') (0.50') (0.50') (0.50') (0.50') Understory (<20') (0.50') (0.50') (0.50') (0.50') (0.50') (0.50') (0.50') (0.50') Understory (<20') (0.50') (0

Dominant species of mature trees

% of trees with exfoliating bark

Size composition of live Small (3-8 in.) Med. (9-15 in.) Large (>15 in.)

trees (%)

Total # of suitable snags

(Suitable snags are standing dead trees with exfoliating bark, cracks, crevices or hollows.)

Conclusion

IS THE HABITAT SUITABLE FOR NORTHERN LONG-EARED BATS?

Additional comments:

Attach aerial map of project site with all forested areas labeled and a general description of the habitat.

Photographic documentation should include: habitat shots at edge and interior from multiple locations; canopy, midstory, understory; examples of potential suitable snags and live trees; and water resources.