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August 14, 1986

Chief, Division of Endangered Species, FWS, Twin Cities, MN (SE)

Effects of hunting on Service-owned lands with regard to endangered and threatened species

Assistant Regional Director, FWS, Twin Cities, MN (AW)

In consideration of effects hunting on the Kirtland's Warbler National Wildlife Refuge may have on threatened or endangered species, I have reviewed Division files and pertinent literature and discussed the matter with my staff. My conclusion is regulated hunting on the Refuge that is conducted within the framework of the Michigan state game laws has no effect on listed, proposed or candidate species. As a no effect determination has been made, it is not necessary to develop or issue a biological opinion pursuant to the Endangered Species Act.

If I can be of further assistance, please advise.

James M. Engel

SE:JEngel:sv
SE Reading