



# United States Department of the Interior

## FISH AND WILDLIFE SERVICE

Ecological Services  
5353 Yellowstone Road, Suite 308A  
Cheyenne, Wyoming 82009

**JUL 07 2009**

Mr. Steve Ferrell  
Director, Wyoming Game and Fish Department  
5400 Bishop Blvd  
Cheyenne, WY 82006

STEVE

Dear Director ~~Ferrell~~:

Thank you for your letter of July 7, 2009, regarding the State of Wyoming's Greater sage-grouse "Core Population Area Strategy" (Strategy) (Executive Order 2008-2). Your letter requests clarification from the U.S. Fish and Wildlife Service (Service) regarding our endorsement of the Strategy. Specifically, you would like our view of whether wind power can be developed in core areas in a way that the Wyoming Game and Fish Department and the State of Wyoming would maintain our endorsement. This letter is responsive to your request and provides an explanation of our concern about wind development in core areas. In summary, constructing wind farms in core areas, even for research purposes, prior to demonstrating it can be done with no impact to sage-grouse, negates the usefulness of the core area concept as a conservation strategy and brings into question whether adequate regulatory mechanisms are in place to protect the species. Both of these factors are critical in the Endangered Species Act (ESA) listing decision currently facing the Service.

Following are some specific reasons why we endorsed the Strategy when asked by the Governor's Office in 2008:

- A. In a general conservation context the Strategy is a science-driven, outcome-based and adaptive approach to the conservation of a species and its habitat. The Service is in the process of adopting a similar approach, currently called Strategic Habitat Conservation (SHC) for much of our conservation work. Therefore, as a general conservation paradigm we support such an approach.
- B. In the context of a potential listing under the ESA, the State's sage-grouse Strategy provides a useful framework to show how the threats to the species are being managed; and if the Strategy is adopted across different land ownerships in the state, could provide an important regulatory mechanism as well. As you know, to preclude listing under ESA, we must be able to show that threats to the species are effectively addressed by science-based conservation measures, and that adequate regulatory mechanisms are in place to ensure those actions occur. In regard to the latter, the actions of the State Board of Land Commissioners to adopt a process that ensures sage-grouse conservation measures are implemented on state land within core areas, and the regulatory authority of the Department of Environmental Quality Industrial Sighting Council (ISC) are noteworthy.

- C. The Strategy provides the mechanism by which the state can be the most flexible in the application of the Statewide Candidate Conservation Agreement with Assurances (CCAA) that is currently being developed. The CCAA tool is important for private landowners in the state both for the conservation of the species and its habitat, and the assurances it provides the landowner if the species is ever listed.

In short, if implemented as envisioned by the State Sage-grouse Implementation Team (SGIT) and Governor's Executive Order, the Strategy is the type of action the Service looks for, both in conservation measures and regulatory process, to preclude listing a species under the ESA. However, it is important that I point out that these potential benefits of the Strategy will only be realized if the integrity of the core area approach is maintained. The Service feels that the greatest threats to the integrity of the core areas are: (1) not adhering to science-based conservation measures associated with development, and (2) allowing mitigation for impacts to core population areas as an option if the proposed development is counter to accepted conservation measures or when impacts are not known.

The foundation of the Strategy from the Service point of view is that development in the most important sage-grouse habitats (core areas and associated seasonal habitats) is done only when no impact to the species can be demonstrated. In essence, ensuring the conservation of sage-grouse in the core areas is mitigation for the greater development flexibility outside core areas provided for by the Strategy. Therefore, allowing impacts within core areas, for research or other reasons, destroys the function and value of the Strategy.

With respect to wind power development, your letter referenced the SGIT recommendations that were adopted by the State Board of Land Commissioners. Specifically, you asked whether we thought the reference in those recommendations to a "no impact/mitigation plan" as you termed it, was possible for wind power development. Your question is an excellent one, but the context of the SGIT's recommendations is critical to our answer to this question. The SGIT's recommendations, as noted in your letter, began by stating: "*Proposals to deviate from **standard stipulations** (emphasis added) will be considered by a team...*" Your letter appropriately raises questions about whether there is a scientific basis for standard stipulations for wind development different from other road-and-pad development on which the SGIT's recommendations are based, and therefore whether the ability to develop a mitigation plan even exists. In our judgment, we agree, no such data currently exist.

To the Service, the recommendations of the SGIT and Executive Order 2008-2 are clear with respect to deviation from standard stipulations. That is, the burden of proof that development does not affect sage-grouse rests with the industry or proponent in question, and any research they feel is necessary to convey this, should be conducted outside of core areas. This burden of proof to show that development in core areas can be done consistent with conserving sage-grouse underlies all forms of development—not just wind-power. The Strategy is clear on this point and is one of the key reasons for our endorsement.

In assessing the threats to sage-grouse to determine whether the species warrants listing under ESA, we view the science on the impacts of wind development on sage-grouse as being clearer than is being conveyed by some in the wind industry. While there is no doubt that we have more to learn, there exists a large body of empirical, peer reviewed, and published science on the negative impacts of road-and-pad based development on the behavior, movements, survival and productivity of this species. The Service in our 2005 decision to not list the species found that these developments, their associated

infrastructure, and the fact such development enhanced the spread of invasive species were among the primary threats to the species. In the past 4 years, since our 2005 finding, we have seen no science to change this view, only more science affirming it, while at the same time witnessing a significant increase in this type of potential development.

Regarding your second specific question on development levels outside core areas, the March 25, 2008 letter from the SGIT to the Governor states development should attempt to maintain populations, habitats and essential migration routes outside core areas wherever possible. How low lek persistence or population numbers can decline outside of core areas needs to be consistent with the recommendations of the SGIT. We encourage you to direct your request for specific numbers to the Governor's SGIT (of which the Service is a member) and species experts. Having said this, the Service has been developing, and will continue to develop, means by which we can provide for more strategic conservation of our trust species (e.g., migratory birds) outside of core areas to help meet the intent of item #6 in Executive Order 2008-2. Item #6 as you note, states that incentives to develop outside of core areas are an important component of the Strategy. Some of the flexibility resulting from our efforts we feel will be helpful to the energy industry and other development in the State.

Wyoming has set a national example by signing a Memorandum of Agreement (MOA) between your department, my agency and the Governor's Office to work together to conserve species in a manner that hopefully precludes the need for Federal listing. The approach taken to develop and implement the core area Strategy to date exemplifies the vision shared among us in signing the MOA. However, constructing wind farms in core areas, even for research purposes, prior to demonstrating it can be done with no impact to sage-grouse, negates the usefulness of the core area concept as a conservation strategy and brings into question whether adequate regulatory mechanisms are in place to protect the species.

Please know that my office remains committed to playing our role in helping to implement the sage-grouse core areas strategy as envisioned by the SGIT and the Executive Order and to work within our authorities to collaborate with you and others in helping to develop an environmentally-responsible wind industry and other development in Wyoming.

Sincerely,



Brian T. Kelly  
Field Supervisor  
Wyoming Field Office

cc: Deputy Chief of Staff, Wyoming Governor's Office (R. Lance)  
Chair, Wyoming Sage-grouse Implementation Team (B. Budd)

