

From: [Ireland, Terry](#)
To: [Creed Clayton](#); [Gina Glenne](#); [John Toolen](#); [Kurt Broderdorp](#)
Subject: Fwd: 0.6 mi buffer question
Date: Tuesday, January 27, 2015 8:05:04 AM

*** Note new address and permanent phone number***

Terry Ireland
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----- Forwarded message -----

From: **Terry Ireland** <Terry_Ireland@fws.gov>
Date: Mon, Jan 26, 2015 at 5:46 PM
Subject: RE: 0.6 mi buffer question
To: "Griffin - DNR, Kathy" <kathy.griffin@state.co.us>

Thanks Kathy!!

From: Griffin - DNR, Kathy [mailto:kathy.griffin@state.co.us]
Sent: Monday, January 26, 2015 5:45 PM
To: Terry Ireland
Subject: 0.6 mi buffer question

Terry,

Here's a quick answer to your question. I will be in Kremmling all day tomorrow and most of Wed.

Look at Tony Apa's 2004 CARA report. I believe it's cited in the listing decision. It includes seasonal location data. Mainly the 0.6 mi buffer comes from Greater's. There isn't a lot of GuSG specific data but they use habitat around the leks similarly. Brett's GrSG work is the first data for the buffers in CO. Be careful because often the 0.6 mi buffers are misunderstood and are equated as needed seasonal habitat protection rather than a disturbance buffer as the geographic description of where the males are.

Kathy

