

Dave Kubeczko - DNR

From: Dave Kubeczko - DNR
Sent: Friday, March 21, 2014 9:18 AM
To: dave.kubeczko@state.co.us
Subject: FW: Peterson Ridge Unit 2-10H - Requested BMPs
Attachments: CaseFlats_GrSGLocations.pdf; Proposed BMPs.docx

Categories: Green Category

Scan No 2106963

CPW CORRESPONDENCE and PROPOSED BMPs

2A#400558126

From: Taylor Elm - DNR [mailto:taylor.elm@state.co.us]
Sent: Friday, March 21, 2014 9:14 AM
To: Dave Kubeczko - DNR
Cc: Taylor Elm
Subject: Fwd: Peterson Ridge Unit 2-10H - Requested BMPs

Dave,

Below is concurrence from EE3 regarding the attached BMPs for the Peterson Ridge Unit 2-10H (Doc#: 400558126). Also, attached is a map demonstrating Greater sage-grouse use patterns from radio-marked birds within North Park. The map was supplied to EE3 to demonstrate the need and importance of these BMPs.

Thanks,

Taylor Elm

Land Use Specialist, NW Region
Colorado Parks and Wildlife
0088 Wildlife Way
Glenwood Springs, CO 81601
(970) 947-2971
taylor.elm@state.co.us

----- Forwarded message -----

From: Taylor Elm - DNR <taylor.elm@state.co.us>
Date: Thu, Mar 20, 2014 at 11:02 AM
Subject: Re: Peterson Ridge Unit 2-10H - Requested BMPs
To: Doug Sandridge <dsandridge@ee3llc.com>

Doug,

Thanks for the quick response and concurrence on the BMPs.

Hope all is going well,

Taylor Elm

Land Use Specialist, NW Region
Colorado Parks and Wildlife
0088 Wildlife Way
Glenwood Springs, CO 81601
[\(970\) 947-2971](tel:9709472971)
taylor.elm@state.co.us

On Thu, Mar 20, 2014 at 7:50 AM, Doug Sandridge <dsandridge@ee3llc.com> wrote:

OK.....no problem

From: Taylor Elm - DNR [mailto:taylor.elm@state.co.us]
Sent: Wednesday, March 19, 2014 12:50 PM
To: Doug Sandridge
Subject: Peterson Ridge Unit 2-10H - Requested BMPs

Doug,

Sorry for the delayed response on the Form 2A submitted for the Peterson Ridge Unit 2-10H location. Review of the location has revealed a couple interesting wildlife concerns.

As you'll see on the attached map and BMPs, the area immediately to the south of the Peterson Ridge location (Case Flats) is used extensively during the winter months by sage grouse. Therefore, CPW feels that winter and reproduction timing restrictions are necessary, along with the use of an internal combustor or internal flaring device at this location. Minimizing the visual and auditory presence of this location will be imperative to not disrupt the pattern of use by grouse.

Given the amount of birds (originating from all areas of North Park) that utilize this area, we really feel these mitigative strategies should be applied here. If it would be beneficial, CPW (Liza, Michael Warren, and myself) would be happy to present this wildlife data to any board members, etc. that would be interested.

Feel free to give me a call if you'd like to discuss this [\(970\) 947-2971](tel:9709472971) or on my cell at [\(970\) 986-9767](tel:9709869767).

Taylor Elm

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EE3 – Peterson Ridge 2-10H

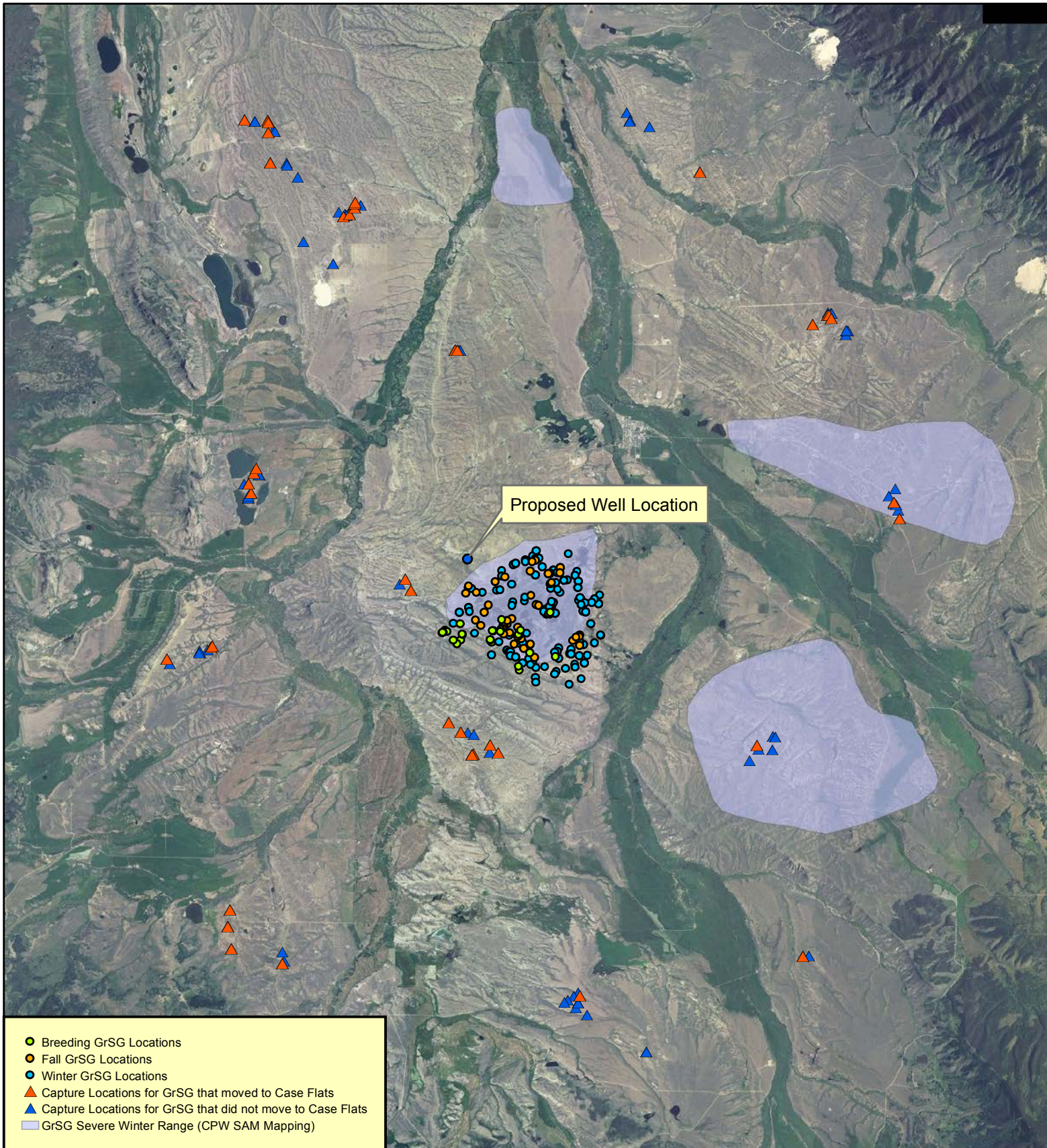
Location: NWNE, Section 10, T8N, R80W (*Lat: 40.685153, Long: -106.356761*)

Wildlife Concerns: This location is within greater sage-grouse production sensitive wildlife habitat (SWH) and pronghorn winter concentration SWH. The nearest sage-grouse lek (Fish Hatchery Lek) is approximately 1.65 miles to the west. This location is also used extensively during winter months by greater sage-grouse from around the North Park region, indicating this area may have significant importance to wintering grouse.

Recommended BMPs:

1. Where oil and gas activities must occur within greater sage-grouse winter range areas, conduct these activities outside the period between December 1 and March 15.
2. Where oil and gas activities must occur within greater sage-grouse production sensitive wildlife habitat, conduct these activities outside the period between March 1 and June 30.
3. Operator will utilize a combustor system or enclosed flare device for elimination of gases encountered during drilling and production. Avoiding traditional flaring techniques at this location will mitigate the effects of fugitive light and noise on wildlife.
4. Use hospital grade mufflers for compressors, pump jacks, or other motors necessary to run operations at the site. Mufflers will be pointed upward to dissipate potential vibration.
5. Install and utilize bear-proof dumpsters and trash receptacles for all food-related trash on location, following COGCC Rule 1204 a-1.

Female Greater Sage-Grouse Use Locations in Case Flats Area
(Shown with GrSG capture locations to illustrate that GrSG from across
North Park are using Case Flats, particularly in the winter).



42 Individual Female GrSG captured around NP used the Case Flats area. Many of the individual grouse located were in groups (some up to >100), Many of the GrSG came into Case Flats for a short period in February and March. Other GrSG used Case Flats for longer periods in the winter or for breeding and late summer/fall use. CPW, LGR March 18, 2014

0 5 10 Miles

