

STATE OF  
COLORADO

Andrews - DNR, Doug &lt;doug.andrews@state.co.us&gt;

**COGCC Form 2A review for Great Western's Raindance FD Off-Site Tank Pad location - Doc #401154132**

2 messages

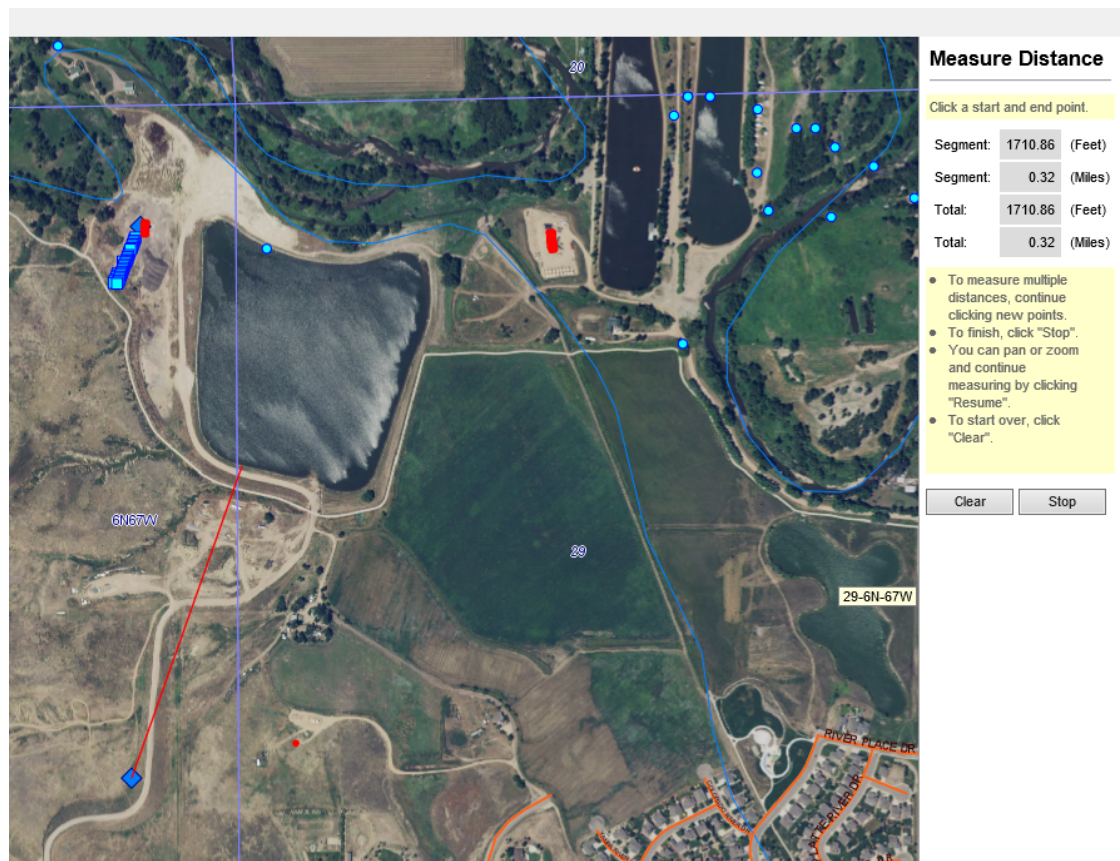
Andrews - DNR, Doug <doug.andrews@state.co.us>  
To: Callie Fiddes <cfiddes@gwogco.com>

Wed, Jan 4, 2017 at 1:29 PM

Callie,

I have reviewed the referenced Form 2A Oil & Gas Location Assessment and have the following comments.

- 1) A review of your Facility Layout Drawing shows the area where the two 500-bbl oil tanks and two water tanks to have a containment berm around them. However, the eight 1,000-bbl horizontal oil tanks do not show a containment berm around them. Please confirm whether or not your Berm Construction BMP applies to the both tank batteries.
- 2) In the Plant Community section you did not indicate if noxious weeds are present at this proposed Oil & Gas Location. Please let me know and I will mark the Form 2A accordingly.
- 3) In the Water Resources section you have indicated the nearest downgradient surface water feature is 2,615 feet away. During my review I identified a reservoir approximately 1,700 feet downgradient of the proposed Oil & Gas Location (see attached aerial photo screenshot). Therefore, I would like to change this distance from 2,615 feet to 1,700 feet.



- 4) You have included a BMP on Multi-well Pads and Pit Level Indicators. As no wells or pits are proposed for this production facility location, I would like to remove these two BMPs.

5) You Light mitigation BMP indicates that once the drilling and completion rig leaves the site there will be no permanent lighting. While there will be no drilling rig on this proposed Oil & Gas Location at all, if no permanent lighting will be installed I would like to remove the phrase about the drilling and completion rig.

6) Similar mention of a drilling rig and completion equipment is included in your Noise mitigation and Odor mitigation BMPs. Therefore, I would like to remove those sentences that mention them as well. Additionally, your Odor mitigation BMP includes discussion of oil based drilling fluid. I would like to also remove that portion of the Odor mitigation BMP.

7) Your Construction Layout Drawings do not include the required cross-sections. Please provide me with a revised Construction Layout Drawing attachment that does and I will swap it out on the Form 2A.

8) Now that the Public Comment period has ended, please provide me with a letter certifying compliance with COGCC Rule 306.e. Per the letter attachment from Eric Creed, he spoke with a Dr. Jeffrey Tippets about this proposed Oil & Gas Location. Please include a brief summary of what was discussed and what, if anything, Great Western agreed to do to mitigate any concerns he may have.

Please respond to this correspondence by February 4, 2017. If you have any questions, please contact me. Thank you.

**Doug Andrews**

Oil & Gas Location Assessment Specialist - Northeast Colorado



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**Callie Fiddes** <[cfiddes@gwogco.com](mailto:cfiddes@gwogco.com)>  
To: "Andrews - DNR, Doug" <[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)>

Thu, Jan 5, 2017 at 11:56 AM

Hi Doug,

1. The tanks will be in a berm and so will all the separators and treaters.
2. There are no noxious weeds present. Please mark no.
3. Please update to 1700 feet.
4. Please remove pit BMP's.
5. Please remove phrase about the drilling and completion rig.
6. Please remove the appropriate portions.
7. Updated Construction Layout with second page attached.
8. Operator Certification attached. Mr. Tippets inquired about the location of the pad, timing of operations and the access road. He asked that we berm where we could and put up sound walls where feasible. He was encouraged to reach out again if he had any additional questions or concerns.

Thank you,



Callie Fiddes

Regulatory Compliance Specialist

Direct: [303.398.0550](tel:303.398.0550)

Fax: [866.742.1784](tel:866.742.1784)

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**From:** Andrews - DNR, Doug [mailto:[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)]

**Sent:** Wednesday, January 04, 2017 1:29 PM

**To:** Callie Fiddes <[cfiddes@gwogco.com](mailto:cfiddes@gwogco.com)>

**Subject:** COGCC Form 2A review for Great Western's Raindance FD Off-Site Tank Pad location - Doc #401154132

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**2 attachments**



**Raindance Production Pad Construction Layout.pdf**

9220K



**Raindance Production Facility Operator Certification Rule 306.pdf**

100K