



STATE OF
COLORADO

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

Hingley 18H-N167 doc no 401513954

31 messages

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Fri, May 11, 2018 at 2:33 PM

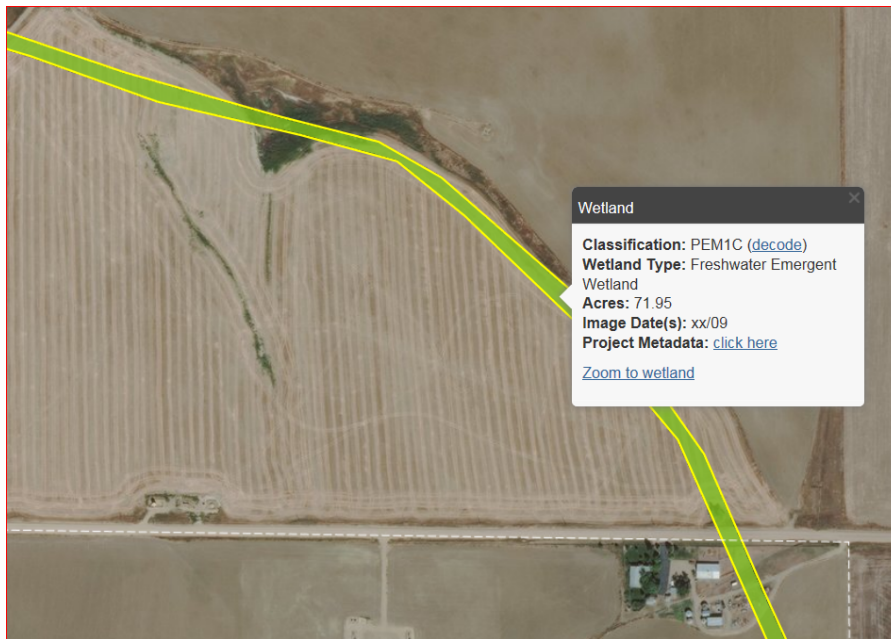
Meghan,

COGCC is reviewing the Form 2A for the Creston Hingley 18H-N167 location (doc no 401513954). In order to complete our review, please address the following:

1. I have removed the CPW consult for SWH per our phone conversation on 5/9/18.
2. The MLVTs are located on a wetlands. Has Crestone discussed the disturbed area or reclamation with the Army Corp of Engineers? What are Crestone's plans for protection of the wetlands? I have a clip from the wetlands mapper below.
3. For the siting rationale, COGCC needs more information regarding planned development, economic considerations, discussions with the neighboring building unit owner in the buffer zone, etc.
4. Please provide an odor and dust BMP for drilling and completions operations.
5. Please provide a BMP for light mitigation
6. Please provide a BMP for 604.c.(2).T - Well site cleared, U - Identification of plugged and abandoned wells, and V - Development from existing well pads
7. For the noise mitigation, please provide site specific information, including placement of sound walls.

Please let me know if you have any questions or would like to discuss any of the above further.

Thank you,
Rebecca



--
Rebecca Treitz
Oil and Gas Location Assessment Specialist
P 303.894.2100 x5173 | F 303.894.2109 |
1120 Lincoln Street, Suite 801, Denver, CO 80203
Rebecca.Treitz@state.co.us | www.colorado.gov/cogcc

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Mon, May 14, 2018 at 8:18 AM

Hi Rebecca,

I am working on responses to each of the items below and will get back to you.

Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Friday, May 11, 2018 2:33 PM
To: Meghan Campbell <meghan.campbell@crestonepr.com>
Subject: [EXT]Hingley 18H-N167 doc no 401513954

[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, May 17, 2018 at 10:06 AM

Hi Rebecca,

Please see my responses below to your questions.

Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Friday, May 11, 2018 2:33 PM
To: Meghan Campbell <meghan.campbell@crestonepr.com>
Subject: [EXT]Hingley 18H-N167 doc no 401513954

Meghan,

COGCC is reviewing the Form 2A for the Creston Hingley 18H-N167 location (doc no 401513954). In order to complete our review, please address the following:

1. I have removed the CPW consult for SWH per our phone conversation on 5/9/18.
2. The MLVTs are located on a wetlands. Has Crestone discussed the disturbed area or reclamation with the Army Corp of Engineers? What are Crestone's plans for protection of the wetlands? I have a clip from the wetlands mapper below. We are currently confirming internally if we indeed plan to use MLVTs and then will address temp completions pad location. I will get back to you shortly.
3. For the siting rationale, COGCC needs more information regarding planned development, economic considerations, discussions with the neighboring building unit owner in the buffer zone, etc. The Hingley 18H-N167 pad location is being proposed where it is because of surface owners plans for future development of the area in addition to needing to have the well pad located south of the ravine as well as constraints from an existing road in the area and parcel boundary.
4. Please provide an odor and dust BMP for drilling and completions operations.

Crestone operations will be in compliance with the Department of Public Health and Environment, Air Quality Control Commission, Regulation No. 2 Odor Emission, 5 C.C.R. 1001-4, Regulation No. 3 (5 C.C.R. 1001-5), and Regulation No. 7 Section XVII.B.1 (a-c) and Section XII. Where possible, drilling rig and completion equipment engine exhaust will be directed away from occupied buildings to assist in mitigating potential odors. As necessary, Crestone

may utilize chemical additives during drilling operations to mitigate odor impacts. Sealed tanks with pressure relief valves and emissions controls will be utilized for the production facilities.

Crestone Peak Resources places road base, rock and recycled asphalt to assist with dust abatement. During construction, drilling, completions and reclamations phases, Crestone monitors each site and if needed we will run water trucks.

5. Please provide a BMP for light mitigation To the extent practicable, site lighting shall be directed downward and inward and shielded so as to avoid any glare on public roads and Building Units within one thousand (1000) feet.

6. Please provide a BMP for 604.c.(2).T - Well site cleared, U - Identificaton of plugged and abandoned wells, and V - Development from existing well pads

The well site will be cleared of all non-essential equipment, trash and debris after ninety days of a well P&A.

Crestone will identify plugged and abandoned wellbores according to Rule 319.a.(5). including the location of the wellbore with a permanent monument as specified in Rule 319.a.(5). Crestone will also inscribe or imbed the well number and date of plugging upon the permanent monument.

11 wells will be drilled from this pad. The facilities location was placed 551' away from the nearest building unit while balancing surface owner restrictions related to future development as well as topographical constraints.

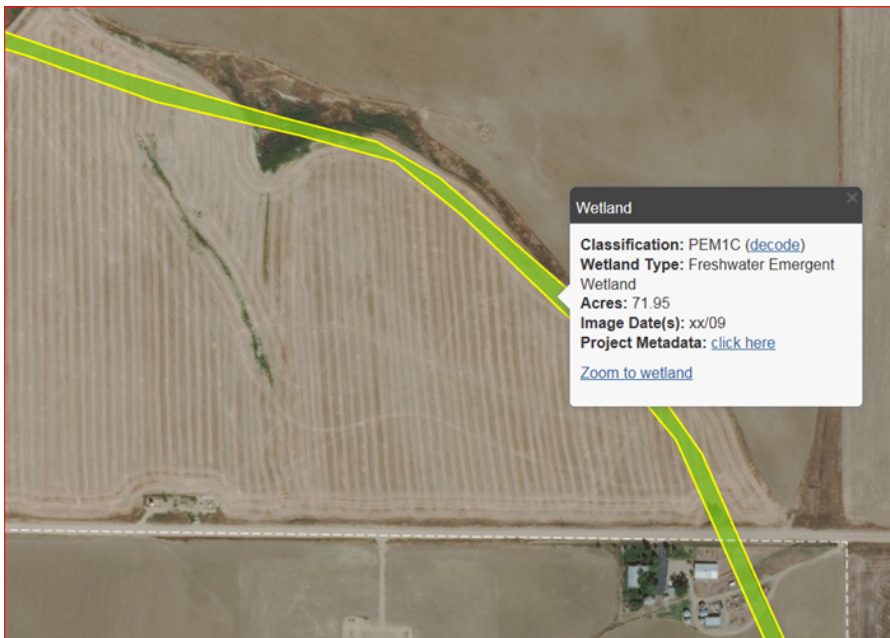
7. For the noise mitigation, please provide site specific information, including placement of sound walls.

Crestone has utilized baseline sound modeling of all equipment, including drilling rigs and hydraulic fracture stimulation equipment, to be used onsite. Crestone will design and construct noise mitigation based on the results of the modeling and account for nearby noise receptors to ensure compliance with COGCC Rules 604 and 802. Onsite noise mitigation may include sound walls, electrification of equipment, and hay bales. Noise mitigation measures will be installed prior to commencement of drilling and completing the wells on the pad.

Please let me know if you have any questions or would like to discuss any of the above further.

Thank you,

Rebecca



--

Rebecca Treitz

Oil and Gas Location Assessment Specialist

P 303.894.2100 x5173 | F 303.894.2109 |

1120 Lincoln Street, Suite 801, Denver, CO 80203

Rebecca.Treitz@state.co.us | www.colorado.gov/cogcc

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Wed, May 23, 2018 at 4:44 PM

Thanks Meghan,

For the noise mitigation, as the location is a buffer zone, please provide site specific noise mitigation, such as which edges of the location the sound walls or hay bales will be placed, how tall they will be, as the access road is across from the drive way, how will the building unit be shielded from noise from drilling and completions as well as from noise and lights from truck traffic. With production being closer than the wells, will there be noise mitigation for ongoing production at the location? Any smaller permanent sound walls or landscaping?

Let me know if you have questions.

Thanks,
Rebecca

[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, May 24, 2018 at 8:32 AM

Hi Rebecca,

I will provide some info on this shortly.

Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [<mailto:rebecca.treitz@state.co.us>]
Sent: Wednesday, May 23, 2018 4:45 PM
To: Meghan Campbell <meghan.campbell@crestonepr.com>
Subject: Re: [EXT]Hingley 18H-N167 doc no 401513954

[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, May 24, 2018 at 8:55 AM

Rebecca,

As noted in the BMP included, Crestone has utilized baseline sound modeling on all equipment. Additionally, Crestone plans to perform a baseline noise survey prior to any operational activity. From the information gathered, this will help Crestone to determine where any mitigations such as sound walls will be placed. If sound walls are placed at the drill site, the walls will be between 32' to 40' and will be up for the duration of during drilling and completions. For the facilities pad/tank battery site, Crestone will use lower profile and 4' removable sound walls, inside the facility, to baffle any noise from the compression area.

Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Wednesday, May 23, 2018 4:45 PM
To: Meghan Campbell <meghan.campbell@crestonepr.com>
Subject: Re: [EXT]Hingley 18H-N167 doc no 401513954

[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, May 24, 2018 at 12:11 PM

Hi Rebecca,

Since you mentioned you are headed out for a bit I wanted to give you an update that we have decided not to use MLVTs or have a temporary completions pad for this specific Hingley well pad.

Once I have an updated Location Drawing (which will include total disturbed area) I will send your way. I may copy John on that email as I am not sure that I will get it myself today.

Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Wednesday, May 23, 2018 4:45 PM
To: Meghan Campbell <meghan.campbell@crestonepr.com>
Subject: Re: [EXT]Hingley 18H-N167 doc no 401513954

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Thu, May 24, 2018 at 12:31 PM

OK thank you
[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>
Cc: "Noto - DNR, John" <john.noto@state.co.us>

Fri, May 25, 2018 at 12:04 PM

Please see attached revised Location Drawing for the Hingley 18H-N167 pad. This location will not be utilizing MLVTs or a temporary completions pad. Other change is that there is now an outline for total area of disturbance.


Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Thursday, May 24, 2018 12:32 PM
To: Meghan Campbell <meghan.campbell@crestonepr.com>
Subject: Re: FW: [EXT]Hingley 18H-N167 doc no 401513954

[Quoted text hidden]

 **Hingley 18H-N167 LOCATION 052518.pdf**
1384K

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Fri, May 25, 2018 at 2:44 PM

Thanks Meghan,
I am out next week, but will get the updates to the 2As.

Have a good weekend.

Rebecca
[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Thu, Jun 7, 2018 at 5:25 PM

Thanks Meghan,
Where will the completions be for this location?

Rebecca
[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Fri, Jun 8, 2018 at 7:46 AM

Hi Rebecca,

We'll have all completions equipment on the drill pad.

Thanks,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Thursday, June 07, 2018 5:26 PM
To: Meghan Campbell <meghan.campbell@crestonepr.com>
Subject: Re: FW: FW: [EXT]Hingley 18H-N167 doc no 401513954

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Fri, Jun 8, 2018 at 10:22 AM

Meghan,
If there will not be any MLVTs on the location, is water going to be pumped in? Will there be temporary flow back tanks?

Thanks,
Rebecca
[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Fri, Jun 8, 2018 at 10:44 AM

Rebecca,

My apologies for not including that info.

Temporary 500 bbl hard sided water storage tanks and high-pressure pump trucks will be used during the completion phase. The tanks will be filled with fresh water to be utilized in the completion process.

Let me know if you need any additional info.

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Friday, June 08, 2018 10:23 AM

[Quoted text hidden]

[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, Jun 14, 2018 at 12:54 PM

Hi Rebecca,

I just wanted to reach out and follow up from this email last week and make sure that you don't have any more questions/need any more info from Crestone to continue your review and approval.

As well, please let me know if there is anything additional that you need for our other Hingley pad [18H-A167](#), doc id 401513944.

Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Meghan Campbell
Sent: Friday, June 08, 2018 10:45 AM
To: 'Treitz - DNR, Rebecca' <rebecca.treitz@state.co.us>
Subject: RE: FW: FW: [EXT]Hingley 18H-N167 doc no 401513954

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Fri, Jun 15, 2018 at 3:10 PM

Meghan,
Thank you for contacting me for these locations. On the N167 - where are the temporary tanks located?

Thanks again,
Rebecca
[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Fri, Jun 15, 2018 at 4:16 PM

Hi Rebecca,

As mentioned in my email from Friday June 8th, the temporary tanks are going to be located on the drill pad. Additionally, to try and keep all of this info together all of the equipment associated with completions will be on the drill pad with the removal of the temporary completions pad. The temporary tanks are 500 bbl hard sided water storage tanks.

Please let me know if you need any additional information.

Have a good weekend.

Thanks,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [<mailto:rebecca.treitz@state.co.us>]
Sent: Friday, June 15, 2018 3:10 PM

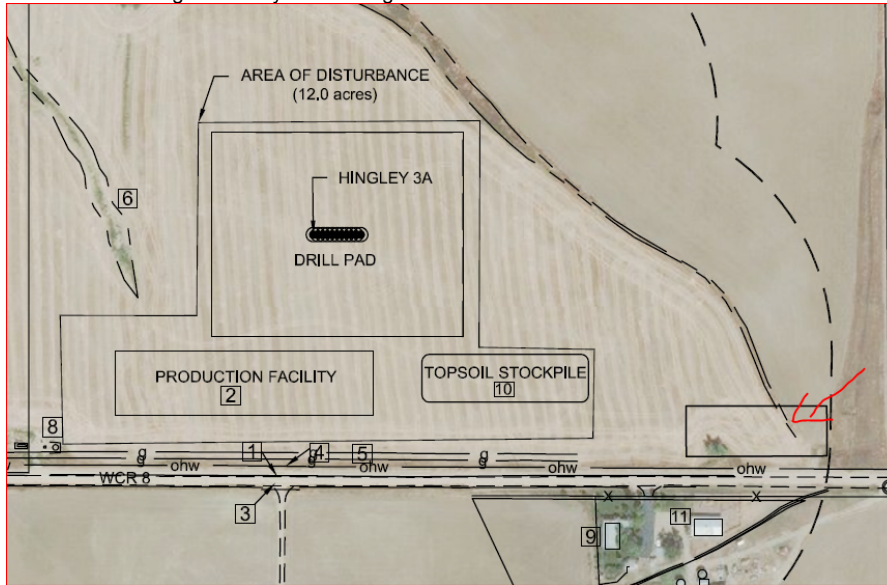
To: Meghan Campbell <meghan.campbell@crestonepr.com>
 Subject: Re: FW: FW: FW: [EXT]Hingley 18H-N167 doc no 401513954

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
 To: Meghan Campbell <meghan.campbell@crestonepr.com>

Tue, Jun 19, 2018 at 5:33 PM

Meghan,
 What is the rectangle down by the building units?



We will need a new access road map, cultural features map as "other", and facility layout drawing.

Thanks,
 Rebecca
 [Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
 To: Meghan Campbell <meghan.campbell@crestonepr.com>

Tue, Jun 19, 2018 at 5:45 PM

Meghan,
 Sorry, I also noticed the 306.e. certification has not been provided. Please provide the certification and if there has been any communication with the neighboring building unit owner and additional siting rationale. Surface owner preference is not sufficient when a neighboring building unit is the nearest resident.

Thanks,
 Rebecca
 [Quoted text hidden]

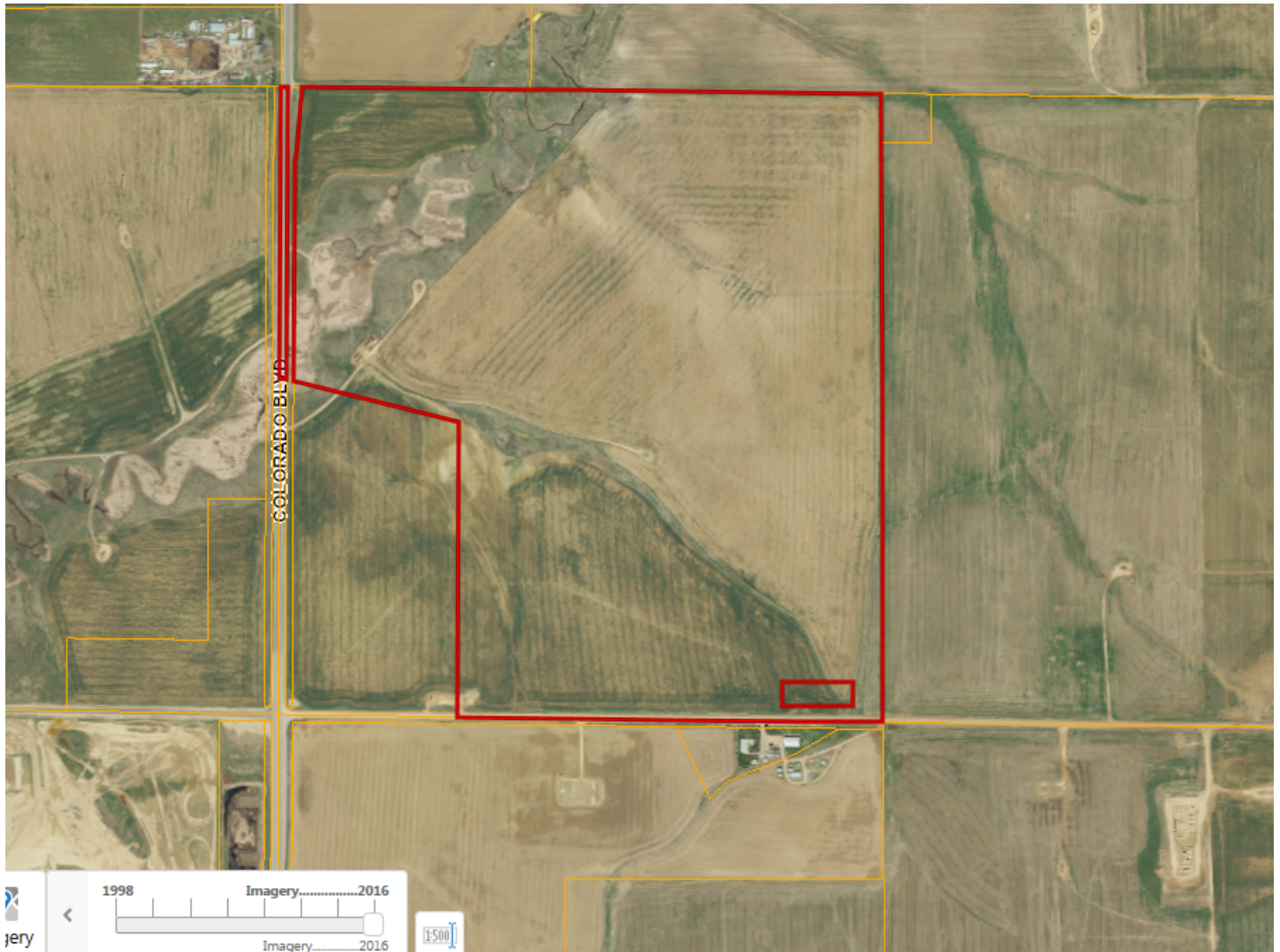
Meghan Campbell <meghan.campbell@crestonepr.com>
 To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Tue, Jun 19, 2018 at 8:57 PM

Rebecca,

That actually is a different parcel. Sometimes we have outlines on our drawings which show the various parcels. See screen shot from Weld County Assessor site.

Am I understanding correctly that you want revised drawings with the parcel box removed?



Meghan Campbell
 Regulatory Analyst
 (720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Tuesday, June 19, 2018 5:34 PM

[Quoted text hidden]

[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
 To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Wed, Jun 20, 2018 at 8:39 AM

Morning Rebecca,

The building unit owner was notified in February.

My bad, I think I submitted a letter for 305.a but not 306.e. Please see the attached.

Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Tuesday, June 19, 2018 5:46 PM
To: Meghan Campbell <meghan.campbell@crestonepr.com>
Subject: Re: FW: FW: FW: [EXT]Hingley 18H-N167 doc no 401513954

Meghan,

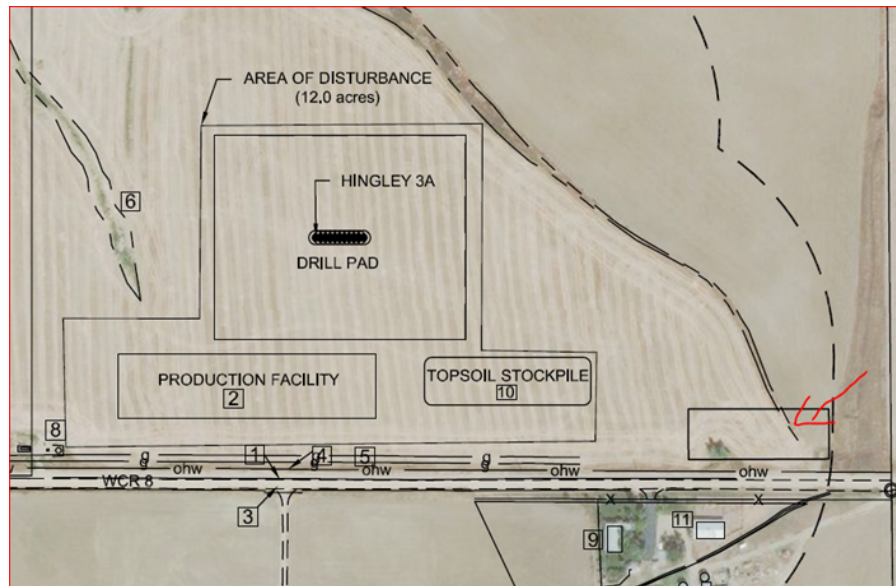
Sorry, I also noticed the 306.e. certification has not been provided. Please provide the certification and if there has been any communication with the neighboring building unit owner and additional siting rationale. Surface owner preference is not sufficient when a neighboring building unit is the nearest resident.

Thanks,
Rebecca

On Tue, Jun 19, 2018 at 5:33 PM, Treitz - DNR, Rebecca <rebecca.treitz@state.co.us> wrote:

Meghan,

What is the rectangle down by the building units?



[Quoted text hidden]

Thanks,
Rebecca

[Quoted text hidden]

[Quoted text hidden]

 **Rule 306.e.5 Certification of Compliance Hingley 18H-N167.pdf**
244K

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Wed, Jun 20, 2018 at 11:27 AM

Thanks Meghan,
I figure with either the parcel box removed or labeled would be helpful. We will also need all of the other attachments redone without the MLVTs. Was there any interaction with the neighbor beyond sending the 305.a and 305.c.? Siting rationale for not moving the location/production out of the buffer zone is required.

Thank you,
Rebecca
[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Wed, Jun 20, 2018 at 11:53 AM

Rebecca,

I will work on getting the documents revised.

As far as the neighbor/building unit owner he came to our community meeting in Dacono but has not reached out through the COGCC process ie: we had not contact from anyone in regards to the Pre App or OGLA letters we mailed out.

At the community meeting he had questions about our plans which we answered for him.

Thanks,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Wednesday, June 20, 2018 11:27 AM
To: Meghan Campbell <meghan.campbell@crestonepr.com>
Subject: Re: FW: FW: FW: [EXT]Hingley 18H-N167 doc no 401513954

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Wed, Jun 20, 2018 at 12:07 PM

Thanks Meghan,
Knowing that Crestone had communities meetings and outreach is helpful information, especially for buffer zone locations.

I will make a comment on the 2A and wait for the other attachments.

Thanks again,
Rebecca

[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Wed, Jun 20, 2018 at 12:21 PM

You're welcome. And the community meeting was held on June 5th if you would like that data as well. We did it as part of our Operator Agreement process with the City of Dacono.

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Wednesday, June 20, 2018 12:08 PM

[Quoted text hidden]

[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, Jun 21, 2018 at 8:02 AM

Good Morning Rebecca,

Please see the revised attachments.

Also something that I forgot to ask you previously, with the removal of the temp completions pad our size of disturbed area during construction decreases. Do you mind please changing the number from 15.5 to 12? And after IR to 3.7?

Please let me know if you need anything else.

Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487





From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Wednesday, June 20, 2018 12:08 PM

[Quoted text hidden]

[Quoted text hidden]

4 attachments

-  **Hingley 18h-N167 Road Access Map 062018.pdf**
1392K
-  **Hingley 18H-N167 Cultural Items 062018.pdf**
650K
-  **Hingley 18H-N167 Facility Exhibit 062018.pdf**
521K
- Hingley 18H-N167 LOCATION 062018.pdf**

 304K

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Thu, Jun 21, 2018 at 9:45 AM

Meghan,
Not a problem.

Thank you
[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, Jun 21, 2018 at 10:19 AM

Thank you!

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Thursday, June 21, 2018 9:46 AM

[Quoted text hidden]

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Meghan Campbell <meghan.campbell@crestonepr.com>

Thu, Jun 28, 2018 at 2:51 PM

Meghan,
Can we get a version of the Facility Layout with the tanks labeled water vs oil?

thanks,
Rebecca
[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, Jun 28, 2018 at 3:00 PM

Hi Rebecca,

Yes, I will make the request of the drafter.

Thank you,

Meghan Campbell
Regulatory Analyst
(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]

Sent: Thursday, June 28, 2018 2:52 PM

[Quoted text hidden]

[Quoted text hidden]

Meghan Campbell <meghan.campbell@crestonepr.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, Jun 28, 2018 at 3:45 PM

Rebecca,

Please see attached revised facility layout labeling water tanks and oil tanks.

Thank you,

Meghan Campbell

Regulatory Analyst

(720) 410-8487



From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]

Sent: Thursday, June 28, 2018 2:52 PM

[Quoted text hidden]

[Quoted text hidden]

 **Hingley 18H-N167 Facility Exhibit r2.pdf**
538K