

STATE OF
COLORADO

Andrews - DNR, Doug <doug.andrews@state.co.us>

COGCC Form 2A review for Extraction's Walt 17-E location - Doc #401299221

2 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Alyssa Andrews <aandrews@extractionog.com>

Tue, Aug 1, 2017 at 10:46 AM

Alyssa,

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

1) In the Water Resources section you have indicated the estimated depth to groundwater is 131 feet based on water well Permit #259625 located 4,848 feet north. A review of that permit indicates that water well is screened from 160 to 750 feet below ground surface. Therefore the static water level of 131 feet is likely not indicative of how shallow groundwater may be in this area. During my review I identified a domestic water well (Permit #219455) located approximately 5,100 feet to the northwest that is screened from 40 to 60 feet below ground surface with a static water level of 30 feet. Therefore, it seems likely that groundwater in this area is significantly more shallow than 131 feet. Based on this, I would like to change the estimated depth to groundwater from 131 feet to 30 feet.

2) A review of your Hydrology Map indicates there are several irrigation ditches, a pond, the Larimer County Canal, and a wetland all less than 500 feet from this Oil & Gas Location. Therefore, I would like to change this Form 2A to indicate YES, it is a Sensitive Area.

3) A review of your Hydrology Map indicates the Larimer County Canal is located 179 feet from the location. Therefore I would like to add the following Condition of Approval to this Form 2A:
"Operator must implement site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to protect the Larimer County Canal located 179 feet southwest of the oil and gas location from a release of drilling, completion, produced fluids, and chemical products."

Please respond to this correspondence by September 1, 2017. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



1120 Lincoln St., Suite 801
Denver, CO 80203
doug.andrews@state.co.us
303-894-2100 Ext. 5180

Alyssa Andrews <aandrews@extractionog.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>
Cc: Erin Mathews <emathews@extractionog.com>

Wed, Aug 2, 2017 at 10:05 AM

Hi Doug,

I agree with your corrections and COA addition.

Thanks,

Alyssa Andrews

Regulatory Analyst



Direct: (720) 481-2379

Cell: (425) 652-2811

aandrews@ExtractionOG.com

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

Sent: Tuesday, August 1, 2017 10:46 AM

To: Alyssa Andrews <aandrews@extractionog.com>

Subject: COGCC Form 2A review for Extraction's Walt 17-E location - Doc #401299221

[Quoted text hidden]