

August 24, 2017

Kate D'Arcy
2084 Primrose Ln
Erie, CO 80515
via email: Catherine.darcy@gmail.com

Dear Ms. D'Arcy,

The Colorado Oil and Gas Conservation Commission (COGCC) received your complaint(s) regarding odor from an oil and gas operation in the vicinity of your residence beginning on 5/18/2017. Your complaint is documented in the COGCC database as COGCC document number 200442588, which can be found via the "Complaints" link, on our website (<http://cogcc.state.co.us/>).

The response to odor and noise complaints relating to the Waste Connections location included the following:

- On 05/16/2017 a COGCC Field Inspector conducted an inspection of the Waste Connections location, operated by Crestone Peak Resources Operating LLC (documented in Field Inspection Report [FIR] # 674200072), including driving through neighborhoods to the south and southeast of the location;
- The inspector reviewed location records which did not show any abnormal conditions;
- The inspector did not detect any odors at the time of inspection;
- On 05/18/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200074), including the neighborhoods where odors were reported. The inspector did not detect any odors and the location records did not indicate any abnormal drilling conditions had occurred;
- On 05/19/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200075), including remaining near the intersection of Crestview Lane and Alpine Drive for approximately two hours. The inspector did not detect any odors and the location records did not indicate any abnormal drilling conditions had occurred;
- On 05/22/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200077), including remaining near the intersection of Crestview Lane and Alpine Drive for approximately one hour. The inspector did not detect any odors and the location records did not indicate any abnormal drilling conditions had occurred;
- On 05/24/2016 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200089), including the neighborhoods south and southeast of the location. The inspector did not detect any odors and the location records did not indicate any abnormal drilling conditions had occurred;



- On 05/26/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200098), including walking in the neighborhood where the odors were reported for approximately one hour in the early morning. The inspector did not detect any odors and the location records did not indicate any abnormal drilling conditions had occurred;
- On 05/31/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200113). The inspector drove through the neighborhood to the southwest of the location and detected an odor attributed to the location. The inspector walked on Vista Parkway and Driver lane and noted the odor at approximately 17:40 Hrs when the wind was coming out of the northeast. The inspector contacted the operator and informed them that an odor had been detected off the location and issued the FIR with corrective action to "make adjustment to the odor mitigation solution to control odors off location" by the corrective action date of 06/01/2017;
- On 06/16/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 681902231) including traveling through the neighborhood where odors were reported. The inspector did not observe any abnormal conditions or detect any fugitive odors. The inspector noted that the operator was installing a cooler in the mud line to reduce vaporization;
- On 06/17/2017 a COGCC inspector conducted an inspection of the location (documented in FIR #678800258). The inspector did not detect odors in the neighborhood where odors were reported, but noted high wind speeds. On the location the inspector noted fleeting odors and observed the operator installing a mud cooling system and the beginning of operation of the system;
- On 06/20/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200118), including traveling through the areas where odors were reported. The inspector did not detect any odors and the location records did not indicate any abnormal drilling conditions had occurred. The inspector assisted staff from the Colorado Department of Public Health and Environment in collecting mud, drill cutting, and air samples;
- On 06/21/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200119), including traveling through the areas where odors were reported. The inspector did not detect any odors and the location records did not indicate any abnormal drilling conditions had occurred;
- On 06/27/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200134), including traveling through the areas where odors were reported. The inspector did not detect any odors and the location records did not indicate any abnormal drilling conditions had occurred. The rig manager informed the inspector that at the time of complaints on 06/26/2017 the rig was not drilling;
- On 06/29/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 674200139), including traveling through the areas where odors were reported. The inspector detected an odor on Vista Parkway which appeared to be coming from the location while winds were coming out of the north/ northeast. The inspector contacted the operator and informed them that an odor had been detected off the location and issued the FIR with corrective action to "make adjustment to the odor mitigation solution to control odors off location" by the corrective action date of 06/29/2017;
- On 07/05/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 681902232), including two separate one-hour sweeps through the areas where odors were reported. The inspector did not detect any odors. The inspector reviewed location records, which did not show any abnormal drilling conditions;
- On 07/06/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 681902234) including a review of location records, which did not show any abnormal drilling conditions. The inspector did not detect any odors during the inspection;

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- On 07/11/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 681902237), including two separate one-hour sweeps through the areas where odors were reported. The inspector did not detect any odors. The inspector reviewed location records, which did not show any abnormal drilling conditions;
- On 07/12/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 681902236) including a review of location records, which did not show any abnormal drilling conditions. The inspector did not detect any odors during the inspection;
- On 07/14/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 681902238), including two separate one-hour sweeps through the areas where odors were reported. The inspector did not detect any odors. The inspector reviewed location records, which did not show any abnormal drilling conditions;
- On 07/17/2017 a COGCC inspector conducted an inspection of the location (documented in FIR # 681902241), including two separate one-hour sweeps through the areas where odors were reported. The inspector did not detect any odors. The inspector reviewed location records, which did not show any abnormal drilling conditions.

COGCC FIRs are available on the COGCC website by via the "Data" link, then selecting "Inspection/ Incident" search link, and entering the above referenced FIR number into the "document number" search field.

Based on the above described investigation, the COGCC has determined that no violations of COGCC rules occurred related to your complaint(s) that would lead to the issuance of a notice of alleged violation (NOAV). Accordingly, the COGCC has closed the complaint and will not issue a NOAV related to this complaint.

If you have questions regarding this complaint or the investigation, please contact me.

Sincerely,

A handwritten signature in blue ink that reads "Megan J Adamczyk". The signature is fluid and cursive, with the first name "Megan" and last name "Adamczyk" clearly legible.

Megan Adamczyk, Complaint Specialist
Email: dnr_cogcc.complaints@state.co.us