

From: [Barbara Mares](#)
To: [Chris Simmons](#)
Subject: HRM RESOURCES II ALMA WELL PAD PROJECT NUMBER USR2016-00007
Date: Tuesday, January 10, 2017 2:36:59 PM

I WOULD LIKE TO COMMENT ON THE 20 HORIZONTAL WELLS ON 1 WELL PAD FOR THE PRODUCTION OF OIL AND GAS.

I AM TOTALLY AGAINST IT. I LIVE ACROSS FROM BARR LAKE ON PICADILLY ROAD. I WATCHED THE OIL AND GAS COMPANY COME OUT AND DRILL ON THE BARR LAKE PROPERTY. THEY INSTALLED BIG BARRELS UNDERGROUND WITH PIPES STICKING UP OUT OF THE GROUND. BEFORE THEY DID THAT, THE DEER AND WILDLIFE WERE ALWAYS OVER THERE. I ENJOYED WATCHING THEM GRAZE AND RUN. EVEN THOUGH THAT ALL HAPPENED THREE TO FOUR YEARS AGO, THE WILDLIFE HAS NEVER COME BACK LIKE THEY DID BEFORE. NOW MAYBE ONCE A YEAR THEY ARE THERE. PEOPLE ARE INVADING ALL THE LAND THAT THE WILDLIFE HAVE LIVED IN FOR MANY MANY YEARS. WE ARE PUSHING THEM OUT OF THERE LAND AND THEY HAVE LESS AND LESS LAND TO LIVE IN WITHOUT HUMANS DESTROYING ALL OF IT.

THE MAP YOU SENT LOOKS LIKE MORE PIPES GOING THROUGH THE SAME PLACE ALL THE DRILLING WENT THROUGH THREE OR FOUR YEARS AGO. THE MORE WE ACCEPT ALL THE DRILLING THE MORE THE OIL AND GAS COMPANIES ARE GONNA JUST KEEP GOING AND DESTROYING MORE AND MORE NATURAL LAND. THERE HAS TO BE A STOP TO ALL OF THIS. YOUR LETTER SAYS THE STUDY DETERMINED HRM WOULD NOT CAUSE SIGNIFICANT DEGRADATION OF WILDLIFE. I DISAGREE. THE WILDLIFE CAN SEE AND SMELL ALL THE HUMAN EFFECTS ON THE LAND LONG AFTER HUMANS HAVE LEFT AND THEY ARE WILD AND THEY DON'T LIKE IT.

THE AFTER AFFECTS OF ALL THE HUMANS DO TO LAND DOES LEAVE A LONGTIME EFFECT ON THE ANIMALS . THERE HAS TO BE A SOLUTION WITHOUT AFFECTING THE WILDLIFE AND LAND SURROUNDING BARR LAKE AND THE SURROUNDING AREA.

THANK YOU
BARBARA MARES

From: [Leovi Madera](#)
To: [Chris Simmons](#)
Subject: Re: HRM Resources II- Proposed Alma Wellpad
Date: Thursday, January 19, 2017 7:31:03 AM

Mr. Simmons,

I am opposed to this site. We are concerned for our health with the number of sites that are already around our area. This site is too close to our home and our neighbors. We are concerned for our health as CDPHE has recently started to monitor this but over time there will be health issues that come up. We are concerned for our water as we are on well water and we have seen in many places of the United States where leaks occur because they are not installed or maintained properly. Recently, we have also seen semis that have been in accident in the area and spill hazardous material. The most recent being on Welby Road. Our home in particular is feeling wave movement during times in the basement of our home that is not associated with anything in our home. We have seen in Oklahoma and elsewhere the number of earthquakes associated with oil drilling. It is about time that Commerce City stand up against the oil business like Broomfield and do what is best for its citizens.

Leovi Madera

On Thu, Jan 5, 2017 at 12:25 PM, Chris Simmons <CSimmons@adcogov.org> wrote:

Good afternoon,

Please find an attached map showing the location of the proposed HRM Resources II Alma wellpad. The wellpad will be located in the highlighted parcel NE of 128th Ave and Gun Club.

If you have further questions, please feel free to contact me.

Thanks,

Chris



Christopher Simmons

Oil & Gas Liaison, *Community & Economic Development Department*

ADAMS COUNTY, COLORADO

4430 South Adams County Parkway, 1st Floor, Suite W2000A

Brighton, CO 80601

O: [720.523.6891](tel:720.523.6891) | csimmons@adcogov.org

www.adcogov.org

From: [Jen Rutter](#)
To: [Chris Simmons](#)
Subject: HRM Alma Referral - Phone Call
Date: Wednesday, January 11, 2017 9:35:10 AM

Chris,

Please make a note in your referral comments for HRM Alma:

Naomi Sylvia
13220 Piccadilly Road
(303) 659 2442

Requests:

- 1) Well water sampled before and after the drilling**
- 2) Visual mitigation**

Thank you,
Jen

Jen Rutter

Senior Environmental Analyst, *Community & Economic Development Department*
ADAMS COUNTY, COLORADO
4430 South Adams County Parkway, 1st Floor, Suite W2000A
Brighton, CO 80601
o: 720.523.6841 | jrutter@adcogov.org
www.adcogov.org

From: pfriend@comcast.net
To: [Chris Simmons](#)
Subject: Alma 1S-66-2524PAD
Date: Saturday, February 04, 2017 6:34:02 PM

We are concerned our well water will be adversely affected.

And the pumping of water under the ground's surface will drain down, leaving cavities. Also pumping water under the surface causes man-made earthquakes.

Pam Friend



Right of Way & Permits
1123 West 3rd Avenue
Denver, Colorado 80223
Telephone: **303.571.3306**
Facsimile: 303. 571.3284
donna.l.george@xcelenergy.com

January 19, 2017

Adams County Community and Economic Development Department
4430 South Adams County Parkway, 3rd Floor, Suite W3000
Brighton, CO 80601

Attn: Christopher Simmons

Re: HRM Resources II Alma Well Pad, Case # USR2016-00007

Public Service Company of Colorado's Right of Way & Permits Referral Desk has reviewed the use by special review plans for **HRM Resources II Alma Well Pad** and has **no apparent conflict**.

If you have any questions about this referral response, please contact me at (303) 571-3306.

Sincerely,

Donna George
Contract Right of Way Referral Processor
Public Service Company of Colorado

From: [Jen Rutter](#)
To: [Chris Simmons](#)
Subject: Fwd: USR2016-00007 HRM Resources, Alma - Request for Comments
Date: Thursday, January 19, 2017 11:30:57 AM

Jen Rutter
Senior Environmental Analyst
Community & Economic Development Department
Adams County, Colorado
O: 720.523.6841 | jrutter@adcogov.org

----- Original message -----

From: "Means, Whitney" <wmeans@brightonfire.org>
Date: 1/19/17 11:11 AM (GMT-07:00)
To: Jen Rutter <JRutter@adcogov.org>
Subject: RE: USR2016-00007 HRM Resources, Alma - Request for Comments

Good morning Jen,

I have the following comments in regards to USR2016-00007:

- Emergency Preparedness Plan:

o Please remove my name and Stephanie Hackett's name from Table 4.1, Table 4.2, Table 4.3, and Table 4.4 as a contact for our district and simply leave Dispatch (911) as our contact.

o Please identify the nearest governmental or private foam stockpile and quantities.

o Please remove my name from the Table in Appendix C and add the On-duty Battalion Chief at phone number 303-591-7707.

o Please provide a map and a site plan showing street names and the access road specifications (ex: 16 feet wide, minimum 4 inch road base, capable of supporting 75,000 pounds).

Whitney Means

Deputy Fire Marshal

Brighton Fire Rescue District

500 S. 4th Ave. 3rd Floor

Brighton, CO 80601

303-654-8040

www.brightonfire.org

From: Jen Rutter [mailto:JRutter@adcogov.org]
Sent: Thursday, December 29, 2016 4:25 PM
To: Richard Atkins ; Means, Whitney
Subject: USR2016-00007 HRM Resources, Alma - Request for Comments

The Adams County Community & Economic Development Department is requesting comments on the following application:

Request for a Use by Special Review Permit to allow twenty (20) horizontal wells on one (1) well pad for the production of oil and gas.

Please find attached:

- Request for Comments & Project Description
- Oil & Gas Operations Plan
- Traffic Impact Study/Report
- Emergency Preparedness Plan

Please forward any written comments on this application to the Department of Community and Economic Development at 4430 South Adams County Parkway, Suite W2000A Brighton, CO 80601-8216 or (720) 523-6891 by 1/19/2016 in order that your comments may be taken into consideration in the review of this case. If you would like your comments included verbatim please send your response by way of e-mail to csimmons@adcogov.org.

Thank you,

Jen Rutter

Environmental Analyst, Community & Economic Development Department

ADAMS COUNTY, COLORADO

4430 South Adams County Parkway, 1st Floor, Suite W2000A

Brighton, CO 80601

O: 720.523.6841 | jrutter@adcogov.org

www.adcogov.org

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January 19, 2017

Jen Rutter
Adams County
Community & Economic Development Department
4430 S Adams County Pkwy, Suite W2000A
Brighton, CO 80601

RE: HRM Resources, Alma, USR2016-00007
TCHD Case No. 4219

Dear Ms. Rutter:

Tri-County Health Department (TCHD) has reviewed the application for a Use by Special Review Permit to allow twenty horizontal wells on one well pad for the production of oil and gas located in part of the SW1/4SE1/4 of Section 25, Township 1S, Range 66W of the 6th Principal Meridian. After reviewing the materials received in the referral, TCHD staff has the following comments.

Domestic Wastewater Management

Proper wastewater management promotes effective and responsible water use, protects potable water from contaminants, and provides appropriate collection, treatment, and disposal of waste that protects public health and the environment. TCHD, as the local public health agency, plays a role in reviewing whether a new proposed land use has addressed the domestic water and wastewater needs and is the regulating agency for On-Site Wastewater Treatment Systems (OWTS). Because of the nature of oil and gas operations and the typical location of this land use, not in close proximity to existing wastewater facilities, many of the oil and gas sites utilize OWTS.

TCHD permits the use of OWTS including septic tanks and vault systems. If the site utilizes an OWTS or vault system for domestic wastewater, the applicant will need to obtain a Use Permit from TCHD. Please contact Mike Weakley at 720-200-1593 or mweakley@tchd.org.

Baseline Water Quality Testing

Water quality is unregulated in domestic and irrigation wells in Colorado and monitored in a limited manner for commercial wells. This means water quality testing is typically not required, and the water quality is often unknown. In general, TCHD supports baseline water quality testing to establish the existing water quality relative to the water well's permitted use and to identify water quality issues that should be known and addressed by the well's owner. Baseline water quality testing can also provide an understanding of pre-existing conditions should the water quality change in the future. Baseline and subsequent water quality testing data can support a determination of whether water treatment may be needed to protect the health of well water users and the health of the environment.

Specific Recommendations for Water Wells within ½ mile:

TCHD believes that any owner of a well within one-half mile of the proposed oil and gas operation should have the opportunity to obtain a baseline water quality test prior to the change in land use. One-half mile is the area of influence established by the Colorado Oil and Gas Conservation Commission's Final Rule 609 Statewide Groundwater Baseline Sampling and Monitoring.

TCHD recommends the following for well permits and water rights holders located within one-half mile of the proposed oil and gas well as they are likely used or will be used for drinking water for humans or animals.

- That the County or applicant notify owners of the wells or groundwater rights owners of the proposed application;
- That the County refer well owners who want to test their wells to TCHD for guidance on recommended testing parameters, procedures for selection of qualified sampling professionals and laboratories, and sharing of data; and
- That the County refers well owners desiring guidance for wellhead protection to TCHD.

Water Supply for Use by Workers

Providing clean and safe water for use by workers for ware washing, food preparation, hand washing, and showering is important. The majority of foodborne illnesses can be traced to improper food handling procedures in home, retail, or office kitchens. Improper transport, storage, cross-connections, and backflow also pose dangers to potable water quality.

TCHD will need to review information regarding the source of water for workers as well as any proposed potable water system used by workers. If the drinking water is to be hauled, a public water system identification number for the water hauler must be provided to TCHD.

Potential Temporary Water Storage

Non-potable water is often used onsite at oil and gas sites. The storage tank should be marked with a sign indicating the water is non-potable. In addition, these very large water storage tanks have the potential to collapse if not properly constructed with appropriate quality controls. A collapse can result in significant damage to the environment, property, and individuals that may be nearby. TCHD recommends the applicant employ proper quality control techniques when constructing the water storage tank.

Above Ground Storage Tanks

Fuel is often stored onsite at oil and gas sites. All storage tanks must have a secondary containment area, a routine monitoring system to check for leaks, and best management practices implemented in order to prevent the release of contaminants into the soil and water supplies.

Emergency Response Plan

One of the most common environmental releases associated with oil and gas drilling operations is the inadvertent surface spill of chemicals, produced water, or flowback water. TCHD commends the applicant for including response and notification procedures for responding to and effective strategies for minimizing the risk of spills and other incidents in the Emergency Response Plan.

If a spill or incident were to occur, the emergency response to spills should be indicated in the Spill Prevention, Control, and Countermeasures Plan that is kept onsite.

Specific information related directly to a potential leak or spill from the domestic wastewater system should also be addressed. In the event there is a domestic wastewater spill or leak, TCHD should be contacted immediately.

Air Quality Permitting

Air pollutant emissions including flares are regulated by the Colorado Department of Public Health and Environment. Vapor recovery equipment should be used to control the release of vapors into the environment. The use of green completion technology is strongly encouraged at every site. If the site is to use multiple flares and combustors, the oil and gas industry permits should include a regulatory analysis determining the applicability of state and federal air quality permitting requirements and air pollution control regulations for the proposed emissions source(s). More information as well as all forms can be found online at <https://www.colorado.gov/pacific/cdphe/all-permits>.

Dust Control and Mitigation

TCHD encourages the applicant to follow best management practices for erosion control on the site, specifically to minimize excessive dust from land disturbance. This will help minimize the environmental impact resulting from any construction and land disturbance on the site. TCHD encourages any reclamation, including site pad minimization, and reseeded activities to occur as early as possible. This prevents erosion, helps control excessive weeds, and can provide some benefit to air quality.

Traffic Safety

Oil and gas production and monitoring wells involve significant truck traffic to and from a site during the construction and drilling process. TCHD commends the applicant for including a traffic impact study along with traffic mitigation methods in their application and TCHD encourages the County to designate a primary traffic route for all construction traffic and deliveries. If the trucks servicing the site will be traveling on a local school bus route, we encourage the County to work with the applicant to minimize traffic during hours when school buses are in operation.

Please feel free to contact me at (720) 200-1585 or lbroten@tchd.org if you have any questions on TCHD's comments.

Sincerely,



Laurel Broten, MPH
Land Use and Built Environment Specialist
Tri-County Health Department

CC: Sheila Lynch, Monte Deatrich, TCHD

From: [Jen Rutter](#)
To: [Chris Simmons](#)
Subject: Fwd: USR2016-00007 HRM Resources, Alma - Request for Comments
Date: Thursday, January 19, 2017 4:22:13 PM

Jen Rutter
Senior Environmental Analyst
Community & Economic Development Department
Adams County, Colorado
O: 720.523.6841 | jrutter@adcogov.org

----- Original message -----

From: Kerrie Monti <kmonti@sd27j.net>
Date: 1/19/17 4:20 PM (GMT-07:00)
To: Jen Rutter <JRutter@adcogov.org>
Subject: Re: USR2016-00007 HRM Resources, Alma - Request for Comments

Hello Chris,
The school district has no objection to this case. Thanks, as always, for checking with us!

Kerrie Monti| Planning Manager
School District 27J |18551 E 160th Avenue| Brighton, CO 80601
303-655-2984| Fax 303-655-2805

kmonti@sd27j.net | www.sd27j.org

On Fri, Dec 30, 2016 at 8:05 AM, Jen Rutter wrote:
Please find attached the corrected Request for Comments with the correct referral end date of 1/19/17.

The Adams County Community & Economic Development Department is requesting comments on the following application:

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Please find attached:

- Request for Comments & Project Description
- Oil & Gas Operations Plan
- Traffic Impact Study/Report
- Emergency Response Plan

Please forward any written comments on this application to the Department of Community and Economic Development at 4430 South Adams County Parkway, Suite W2000A Brighton, CO 80601-8216 or (720) 523-6891 by 1/19/2017 in order that your comments may be taken into consideration in the review of this case. If you would like your comments included verbatim please send your response by way of e-mail to csimmons@adcogov.org.

Thank you,

Jen Rutter

Environmental Analyst, Community & Economic Development Department

ADAMS COUNTY, COLORADO

4430 South Adams County Parkway, 1st Floor, Suite W2000A

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