

From: [Nancy Hall](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Supporting documentation for prior comments
Date: Friday, November 21, 2014 7:33:36 PM
Attachments: [AOR-guidance-epa816r14001.pdf](#)

I recently sent comments proposing that the area of concern for water-well testing in the EDPR might not be sufficient; I now attach supporting documentation from the EPA in which computation of the "area of review" is described (for analyzing the potential for groundwater contamination from hydraulic fracturing with diesel fuel, in this case). Appendix B gives several ways to delineate the area of concern, and it seems that the 1/4 mile distance from the bore, while being one of the options given, is the least protective option given.

The highlights in the text are my additions.

I offer this document also as support for the reasonableness of the regs, should this aspect of them be challenged, and also offer a suggestion that perhaps this analysis could be required in the SDPR as well.

Sincerely,

Nancy Hall

From: [Kathy Garcia](#)
To: [Boulder County Board of Commissioners](#)
Subject: Elise Jones - Oil & Gas
Date: Friday, November 21, 2014 1:02:21 PM

Hello Ms. Jones - in reading EnergyWire today, I saw your comments on local control over drilling. I so applaud your efforts and appreciate you truly representing the concerns of the citizens you represent.

Best,
Kathy Garcia
Lafayette Resident

From: [Peter Korba](#)
To: [Boulder County Board of Commissioners](#)
Subject: On Fracking
Date: Thursday, November 20, 2014 4:34:39 PM

Dear Bo Co Commissioners,

THANK YOU THANK YOU THANK YOU!!!!....For extending the Fracking Moratorium !!
Peter and Dale Korba, SO BO

From: [Mike Turner](#)
To: [Boulder County Board of Commissioners](#)
Subject: THANKS
Date: Thursday, November 20, 2014 4:12:05 PM

THANKS EVERYONE FOR EXTENDING THE MORATORIUM ON FRACKING.

NOW, IF ONLY WE COULD GET STARTED IN DENVER.....

THANKS SOOOOOOOO MUCH, mike turner denver

From: dnet#delight@viawest.net
To: [Boulder County Board of Commissioners](#)
Subject: Thank you so much for
Date: Thursday, November 20, 2014 4:04:28 PM

Thank you for extending moratorium on fracking!
Hooray.
Bonnie Sundance
Nederland

mail2web - Check your email from the web at
<http://link.mail2web.com/mail2web>

Randy Baack
8100 Kincross Drive
Boulder, CO 80301

RECEIVED
County Commissioners Office

NOV 19 2014

REC'D BY _____
TIME _____

cc: Bob
Michelle
Cowie

November 17, 2014

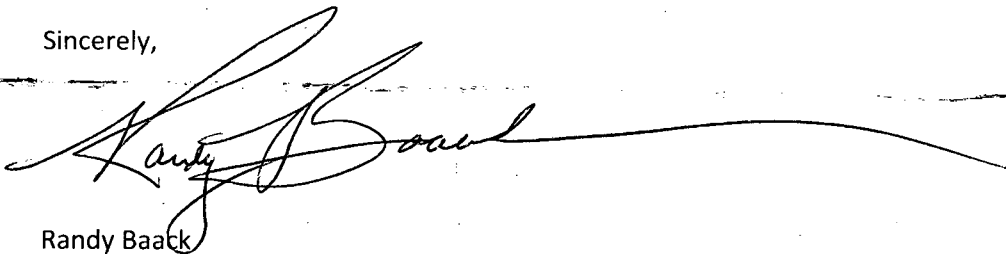
Boulder County Commissioners Domenico, Gardner and Jones
Boulder County Commissioners
P.O. Box 471
Boulder, CO 80306

RE: Thank you.

Dear Boulder County Commissioners Domenico, Gardner and Jones,

Thank you for holding and attending the contentious hearings on fracking. You demonstrated high levels of patience, maturity and respect toward the citizens of our county during these trying public hearings.

Sincerely,

A handwritten signature in dark ink, appearing to read "Randy Baack", with a long horizontal flourish extending to the right.

Randy Baack

From: [Britta Voss](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you for extending the fracking moratorium
Date: Monday, November 17, 2014 6:15:53 PM

Dear Commissioners,

Thank you so much for boldly standing up to fossil fuel interests in our county by extending the moratorium on extreme oil and gas development until July 2018. While measures like this are temporary and piecemeal, I hope that our community is eventually able to resist the demands of these corporations on our health and wellbeing for their profit once and for all. Please continue to be a voice for reason and caution in defense of the people of Boulder and a more sustainable future!

Britta Voss
1032 Ridglea Way
Boulder, CO

From: [Michael Sweeney](#)
To: [Boulder County Board of Commissioners](#)
Subject: deb's suggestion
Date: Sunday, November 16, 2014 6:53:28 PM

I listened (in slightly embarrassed silence) to Deb's suggestion of asking the companies to fund studies .

She seems slightly out-of-touch.

Thanks for your vote on extending the moratorium.

From: [Matt](#)
To: [Boulder County Board of Commissioners](#)
Subject: Kudos for your courage and commitment
Date: Saturday, November 15, 2014 10:58:33 PM

Dear commissioners,

Public office is not for the weak hearted, or the thin-skinned! I was never in politics, but was a church pastor for 25 years, so...hmmm. Then again, maybe I was in politics! I attended the meeting in Longmont last week, but did not speak. I wish I had, if only to show my appreciation to you for what is clearly deep dedication, not only the environmental issues at stake, but to representing your constituency so well.

I simply wanted to tell you that what you have done recently, both with the extension of the moratorium, along with your support of Longmont in their court case, makes me proud not only to have voted for you, but to be represented by you.

You have my full support, and should you ever need my backing in any way, I am at your service.

Sincerely,

Matt Condon

Sent from my iPad

From: [suellyn.jackson](#)
To: [Boulder County Board of Commissioners](#)
Subject: thanks so much
Date: Saturday, November 15, 2014 6:00:53 PM

I want to thank you for extending the moratorium on fracking. Sue Jackson

From: [JENNIFER cornell](#)
To: [Boulder County Board of Commissioners](#)
Subject: just a thanks....
Date: Friday, November 14, 2014 10:23:07 PM

... for listening to... and HEARING your constituents and extending the moratorium on fracking... We'll see what's happening in a few years, but thanks for this decision-
Jen Cornell
4917 Thunderbird Dr.
Boulder 80303

From: [Allison Howard](#)
To: [Boulder County Board of Commissioners](#)
Subject: THANK YOU
Date: Friday, November 14, 2014 11:01:00 AM

Dear Commissioners Jones, Gardner and Domenico,

I attended the meeting yesterday where you decided to extend the moratorium and I caught myself, all day long, taking involuntary deep breaths. It was as if I had been holding the tension of this whole process in my body and could now truly inhale.

Thank you is an inadequate phrase to acknowledge you for your courage. I understand the political ramifications of this decision (although not as well as you do, I'm sure) and the road ahead is long. Last night I heard John Fielder speak and show his stunning photography at the Museum of Nature and Science. He spoke for a long time about the impact of oil and gas, specifically fracking, on the environment. He spoke about our need to participate in the political process and where we are headed if we do not move from our dependence on fossil fuel toward renewables. He mentioned that in a presentation he had given the night before, five people got upset and asked for their money back. In the audience I was in last night a man interrupted him by saying, "Can we move on?". This issue is divisive. It takes courage to take a stand. He did. You have and I am immensely grateful.

In closing I would like to quote something in one of John Fielder's books which I purchased last night. "Perhaps no place in America has been as thoughtful or pioneering in protecting open space than Boulder County. In 1967 Boulder County commissioners appointed the first Parks and Open Space Advisory Committee for the County and started an open space department." and "In 1967, City of Boulder voters made history by approving a .4-cent sales tax in perpetuity to buy, manage, and maintain open space- the first time citizens in any U.S. city had voted to tax themselves specifically for open space."

Thank you for hearing us. We are with you as we move forward.

Sincerely,

Allison Howard

From: [Andy Burgess](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you for extending the fracking moratorium!
Date: Friday, November 14, 2014 9:29:17 AM

Dear Commissioners,

Thank you for prioritizing the health and wellness of our communities. The only need for fracking in Boulder County relates to increasing profits in an unsustainable, fossil-fuel based industry.

I, for one, am much more interested in seeing the County prioritize incentives for sustainable and renewable technology businesses so that the area can be known now and in the future for being a part of the solution to our energy and climate crises.

Sincerely,

Andrew Burgess
Boulder

From: [David Roederer](#)
To: [Boulder County Board of Commissioners](#)
Subject: fracking moratorium
Date: Friday, November 14, 2014 7:29:41 AM

I would like to thank the Boulder County Commissioners for extending the fracking moratorium.

Thank You,

David Roederer

From: [Jeremiah Kaplan](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking moratorium
Date: Thursday, November 13, 2014 8:57:29 PM

Thank you very much for extending the moratorium on fracking in Boulder County. I agree with you that there is too much unknown about the health and environmental effects of the process, and it is wise to wait before we put lives of people and the environment of Boulder County at risk.

Jeremiah Kaplan, MD
1985 Bluebell Ave
Boulder, CO 80302

From: [Beth Williamson](#)
To: [Boulder County Board of Commissioners](#)
Subject: fracking moratorium
Date: Thursday, November 13, 2014 8:56:22 PM

Thank you! I'm behind your efforts to hold off on fracking until more is known!

Beth Williamson

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"In the garden of gentle sanity,
may you be bombarded by the coconuts of wakefulness."
- Chögyam Trungpa

From: [John Chavis](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you
Date: Thursday, November 13, 2014 6:33:15 PM

Dear Commissioners,

Thank you so much for making a decision that we here in Boulder County can be very proud of. Thanks so much for extending the moratorium.

Sincerely,
John Chavis

From: [Ginger Riversong](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you!
Date: Thursday, November 13, 2014 4:48:42 PM

Dear Commissioners,

Thank you for extending the moratorium on fracking for another three and a half years. This gives more time for the science to come in. I have just learned about this study http://www.denverpost.com/business/ci_26926908/emissions-rules-yield-little-benefit , of which I'm sure you are aware.

It is imperative that we do all we can to protect ourselves and the planet more than ever, given the outcomes of the recent elections. We can't let our health, air, water, property values - our community - be steamrolled into destruction by industry.

Thank you for deciding on behalf of the people; please, please work on creative means to legally get us out of this mess and prohibit fracking in Boulder County forever.

With appreciation,

--

Ginger Ikeda
3320 15th St.
Boulder 80304

SHARE THE ROAD :)

Riders: Be Bright and Be Seen; Rules of the Road

Drivers: Put down the @%\$ cell phone and Save a Life; 3 Feet Between; Pass <15 mph above bike's speed. THANKS!

"Unless someone like you cares a whole awful lot, nothing is going to get better. It's not!"

-Dr. Seuss

"It takes courage to grow up and become who you really are."

-ee cummings

From: [Jessie Goldfarb](#)
To: [Boulder County Board of Commissioners](#)
Subject: THANK YOU
Date: Thursday, November 13, 2014 4:00:40 PM

Dear Commissioners,

THANK YOU so much for voting to extend the oil and gas moratorium until July 2018!!! I am so very grateful for your continuing commitment to protect human health and the environment from the dangers of fracking in Boulder County. If you haven't already seen it, the documentary film "Gasland 2" by Josh Fox demonstrates why your decision today was one of exemplary valor and right-doing for the planet.

Many thanks again,
Jessie Goldfarb
Boulder County Citizen and
Former U.S. EPA Senior Enforcement Attorney

From: [Puneet Pasrich](#)
To: [Boulder County Board of Commissioners](#)
Subject: Re: Boulder County Commissioners extend moratorium on new oil and gas drilling permits to July 1, 2018
Date: Thursday, November 13, 2014 3:54:57 PM

Dear Commissioners,

We, the residents of Boulder County, **thank you** for your willingness to extend the moratorium on new oil & gas drilling permits. So glad to see that we have elected officials **who listen to their constituents** instead of solely *pretending* to do that and acting for the best interests of industry.

Well done!
Puneet

From: LUList <lulist@BOULDERCOUNTY.ORG>
To: OILGAS <OILGAS@LISTSERV.BOULDERCOUNTY.ORG>
Sent: Thu, Nov 13, 2014 12:50 pm
Subject: Boulder County Commissioners extend moratorium on new oil and gas drilling permits to July 1, 2018

Boulder County Commissioners extend moratorium on new oil and gas drilling permits to July 1, 2018

Thursday, November 13, 2014

The County Commissioners deliberated and made their decision this morning after considering public comments they received during a 6-hour public hearing on Monday and the more than 1,200 written comments received over the course of the past five months on the subject of hydraulic fracturing.

Boulder County, Colo. – At a public meeting today, the County Commissioners extended the county's moratorium on new oil and gas drilling permits to July 1, 2018. The decision came after hosting a 6-hour public hearing on Monday, Nov. 10, where approximately 80 residents testified on whether the Board of County Commissioners should extend or otherwise amend the current temporary moratorium on Boulder County's processing of applications for oil and gas development in the unincorporated County which expires Jan. 1, 2015. The in-person testimony was received in addition to more than 1,200 written comments submitted since the last oil and gas hearing in June 2014.

“We greatly appreciate everyone’s participation in this issue. It is clear from the widespread health, safety, and environmental concerns we’ve heard that we need to extend the moratorium until more research on the community impacts of hydraulic fracturing is completed,” said County Commissioner Chair, Cindy Domenico.

All three commissioners highlighted the need to complete the studies currently underway and those yet to be launched that address the health and safety impacts on people and the environment from fracking before they can lift the moratorium on new drilling applications in the unincorporated county.

“We absolutely, positively need to extend this moratorium,” said County Commissioner Elise Jones. “The residents of Boulder County have told us loud and clear that fracking is a problem for them. They are concerned, and we are concerned. It’s not what we want for Boulder County.”

Commissioner Deb Gardner agreed with her colleague’s concerns about the lack of completed health and safety studies on the impacts of fracking, and added a request to the oil and gas industry to fund a comprehensive, independent, third-party monitored study to move the issue forward and determine once and for all the true impacts on community health and environment caused by fracking.

The three commissioners also spoke of a need for greater governing ability to regulate such heavy industrial activities around homes and schools in Boulder County, and to increase the commitment and ability for county residents to take part in more sustainable energy choices throughout the county.

“We need to expand the powers of local governments to be able to use zoning regulations to protect our residents from the harmful impacts of hydraulic fracturing,” said Commissioner Jones. “At present, we don’t have the ability, without threat of state preemption, to keep this heavy industrial activity out of residential neighborhoods as our residents have pleaded with us to do. We need action at the state level to assure local governments have the tools to keep these activities away from homes and schools in order to fully protect our residents.”

Currently, the county’s traditional land use authority of zoning, comprehensive planning, and phasing of industrial activities are preempted by the state, preventing local governments like Boulder County from keeping incompatible land uses such as oil and gas drilling away from homes, schools, and other residential activities.

Finally, the three commissioners stressed the need to create a community action plan or “dashboard” to help reduce the county’s reliance on carbon-based energy and to create a community commitment to reducing the

amount of fossil fuels consumed in Boulder County. Gardner, as well as Domenico and Jones, indicated a desire to create “a direct, neutralizing response to the climate change our county is experiencing as a result of more carbon-based energy development.” In closing, the Board gave direction to the county’s Land Use staff and Sustainability Office to pursue a plan to increase tools available to county residents to better obtain and measure their carbon fuels reductions.

Residents interested in energy efficiency options for their homes or businesses can visit: www.EnergySmartYes.com.

For more information about the county’s role in oil and gas development, please visit the county’s [Oil and Gas Development webpage](http://www.bouldercounty.org/apps/newsroom/templates/bc12.aspx?articleid=4279) at bit.ly/BCoilgas.

View this email online:

www.bouldercounty.org/apps/newsroom/templates/bc12.aspx?articleid=4279

From: [Donna Bonetti](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you
Date: Thursday, November 13, 2014 3:52:25 PM

Thank you for acting in the public interest for our health and safety and extending the oil and gas moratorium.

Sincerely,
Donna Bonetti

Sent from my iPad

From: [Tom Weis](#)
To: [Boulder County Board of Commissioners](#)
Subject: extension of fracking moratorium
Date: Thursday, November 13, 2014 3:26:28 PM

Elise, Cindy & Deb,

Thank you!

Sincerely,

Tom Weis, President
Climate Crisis Solutions
303-378-1364 (mobile)
RideForRenewables.com

[NOTE: I'm on a book writing sabbatical, so apologies in advance for delays in responding.]



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Follow Renewable Rider on [Twitter](#)
Subscribe to Renewable Rider on [YouTube](#)

"Polite conservationists leave no mark save the scars upon the Earth that could have been prevented had they stood their ground."
- David Brower (1912-2000)

From: [Lisa Trope](#)
To: [Boulder County Board of Commissioners](#)
Subject: From Food & Water Watch, thank you!
Date: Thursday, November 13, 2014 3:20:16 PM

Dear Elise, Deb, and Cindy,

I wanted to thank you for extending the moratorium on fracking in Boulder. We truly appreciate your leadership in protecting Boulder county residents' air, water, health, and homes. Our supporters will be thrilled to hear the news!

Sincerely,
Lisa

Lisa Trope

Colorado Organizer

Food & Water Watch

720-689-1937 (o)

[Facebook](#)

From: [Katie Falkenberg](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you!
Date: Thursday, November 13, 2014 2:43:13 PM

Dearest County Commissioners,

I just wanted to extend a thank you to you for your decision to keep fracking out of Boulder County. As a young woman who some day hopes to have children, this issue is very close to my heart.

Know that you will always be supported by Boulder County citizens whenever you side with sustainability and the well being of our community. I applaud your courage and steadfastness.

Thanks again,

Katie

=====

Katie Falkenberg

[ie & y](#) | [@fffalcon](#)
[350 Colorado](#) | [@350Colorado](#)

"The only visible feature of hope is action."
- Grace Paley

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From: [Micah Parkin](#)
To: [Boulder County Board of Commissioners](#)
Subject: THANK YOU!!!!
Date: Thursday, November 13, 2014 2:39:12 PM
Attachments: [11-10-14 statement to BoCo commissioners.doc](#)

Dear Commissioners,

On behalf of 350 Boulder County I'm writing to thank you for extending the oil and gas development moratorium today until July 2018! We are so grateful for your leadership and doing your part to protect our communities and our climate!

With much appreciation,

Micah

p.s. I'm attaching our statement I delivered at the hearing Monday for your records.

--

Micah Parkin
350 Colorado, Executive Director
504-258-1247
[350 Colorado on Facebook](#)
www.350Colorado.org

From: [Mike Taylor](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil and gas moratorium
Date: Thursday, November 13, 2014 2:23:40 PM

Commissioners,

Thank you so much for your bold action this morning. Your votes to extend the moratorium indicate your passion for protecting the citizens and environment of Boulder County. Please know that we will stand up with and for you any time you might need any support on the oil and gas extraction issue.

Thank you again.

Michael Taylor
1512 Bluefield Ave
Longmont, CO 80504
512-965-7629

Ban Fracking

From: sasecord@aol.com
To: [Boulder County Board of Commissioners](#)
Subject: Thank you
Date: Thursday, November 13, 2014 2:20:31 PM

Dear Cindy, Deborah, and Elise,

I want to express my deepest appreciation for the vote you made today to extend our Boulder County moratorium until July 1, 2018. It was the right thing to do. I also recognize it was a courageous step because there will be push-back from the state. But you have taken a stand for all of us in Boulder County who live here because of the quality of life we have.

Whatever happens next, we will stand with you.

Thank you.

Susan Secord
1280 Fairfield Drive
Boulder, CO 80305

From: [Karen Dike](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you
Date: Thursday, November 13, 2014 2:16:32 PM
Attachments: [341.png](#)

I want to extend my thanks to all three of you for your vote today to extend the moratorium. This will help protect the health and safety of citizens and will also protect our land air and water.

Over the past few months I have felt powerless because of the money in politics and the attitude of indifference from Democrats, such as Hickenlooper, towards citizens. Thank you for being the type of political leaders I can admire and respect. It is good to feel some sense that democracy is working again.

Now if you could help me with that Weld County air pollution! 🙄

--

Karen Dike

karendike@gmail.com

720-363-7119

720-494-1659

From: [Kate Johnson](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you!
Date: Thursday, November 13, 2014 2:14:26 PM

Thank you for being wise and protective of our wonderful Boulder County by extending the fracking moratorium until 2018. Let's hope the craziness is over by then and the fracking frenzy has burned itself out. At least now I can get my youngest daughter through high school before I have to consider re-locating.

Thanks for all you do!
Kate

--

Kate Johnson

New website! www.TheArtofCheese.com
www.facebook.com/artofcheese
www.briargatefarm.com

From: [Becky English](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank You - Fracking Moratorium
Date: Thursday, November 13, 2014 1:55:03 PM

Dear Cindy, Deb, and Elise,

I want to take a moment to thank you very much for your leadership and courage in extending the fracking moratorium in the County, and by more than a token period of time.

Boulder continues to show Colorado and the nation the way!

Kind regards,

Becky English
Rebecca English & Associates, LLC, a sustainability consultancy
Sierra Club Rocky Mountain Chapter clean energy issue specialist, ExCom, LegCom, CCL
303 733 4064
303 728 4131 mobile

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From: [Gabriel Perry](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you.
Date: Thursday, November 13, 2014 1:51:30 PM

Thank you for doing the right thing. Thanks for extending the fracking moratorium. I really didn't think you were going to. Feeling pretty shocked.

~Gabriel Perry
www.flupe.com
720.565.1569

From: [Gail Hartman](#)
To: [Boulder County Board of Commissioners](#)
Subject: THANK YOU!
Date: Thursday, November 13, 2014 1:44:21 PM

A heartfelt thank you for your unanimous vote to extend the oil and gas moratorium. Applause and cheers coming from Louisville and throughout the County!

Gail Hartman
Louisville, CO

From: [Susan](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking moratorium
Date: Thursday, November 13, 2014 1:39:54 PM

Thank you County Commissioners.
Susan Morris

Sent from my iPhone

From: [Scott Smith](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking accident, one killed two injured in Weld County
Date: Thursday, November 13, 2014 1:05:35 PM

Just affirming you made the right choice:

<http://www.thedenverchannel.com/news/local-news/1-killed-2-hurt-in-weld-county-fracking-site-accident>

From: [Ken Bonetti](#)
To: [Boulder County Board of Commissioners](#)
Subject: THANK YOU!
Date: Thursday, November 13, 2014 1:01:46 PM

Cindy, Elise, Deb:

Thank you so much for extending the moratorium on hydraulic fracking for the requested 3 1/2 years. Your action is historic, the right thing to do and truly appreciated. You folks rock!

Sincerely,
Ken Bonetti

From: katesciolino@gmail.com on behalf of [Kate Sciolino](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank You!!!!!!!
Date: Thursday, November 13, 2014 1:01:45 PM



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* * * * *

kate sciolino
kn literary arts
303.588.2211
www.knliterary.com

From: [Julie Zahniser](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you for wise, cautious, protective decision!
Date: Thursday, November 13, 2014 12:56:49 PM

Dear Commissioners,
Thank you for listening to your own staff, your constituents, and your own hearts and minds in coming to your decision to extend the Moratorium on Fracking in Boulder Country! That decision took both intelligence and courage.

Like many others, I said that I would stand behind you. I don't know what you will need in terms of citizen support in response to the fall-out of your decision, but please don't hesitate to let me and the many other grateful concerned citizens know if and how we can be of help.

With appreciation and highest regards,
Julie Z

[Julie Zahniser](#)
[3782 Telluride Lane](#)
[Boulder, CO 80305](#)

[720 320 4294](#)

From: [Sam Schabacker](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you
Date: Thursday, November 13, 2014 12:24:31 PM

Dear Commissioners-

Thank you for extending the moratorium on fracking until 2018! We deeply appreciate your leadership on this issue.

Sam

Sam Schabacker
Western Region Director
Food & Water Watch
720-449-7505
www.foodandwaterwatch.org

From: ecerb@indra.com
To: [Boulder County Board of Commissioners](#)
Subject: fracking moratorium should continue
Date: Thursday, November 13, 2014 12:04:14 PM

Dear Commissioners:

I'm sorry to write so late in the process but I want to express my emphatic support for the continuation of the drilling moratorium.

While the recent CU study expresses that we should not be so concerned about the ingredients of fracking fluid I think there are enough other issues of concern.

Studies have proven that the reinsertion of fracking fluid into the earth increases seismic activity. Do we really need to increase the potential of quakes in our area? There are existing faults in our area and nobody understands the impact of the small quakes on fault zones.

Areas with fracking tend to see an increase in methane and other greenhouse gases. When we are trying to reduce our carbon footprint, how is this a solution?

Lastly, I think we need to be very concerned about water usage. While companies like Nestle believe that they have every right to make a profit on drinking water, our reality is that we do not have enough water for true human needs. We are struggling with Denver Water over the expansion of Gross Reservoir. We are needing to address how to provide ample clean and safe drinking water for our growing population. And the oil companies come in and take water that they remove from the system. This is hardly a sustainable or practicable solution.

I would love to see Boulder County take a strong stance on water as one of our sustainability goals. No water use should remove water from what is essentially a closed system. No water use should make water nonpotable. No water delivery should be based solely on profit. And we need to recognize that access to clean and healthy water is a fundamental human right, not a commodity to be monetized.

Thanks for all you do.

Sincerely,
Elaine C. Erb
Niwot, CO

From: [rubala](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thank you for the extension
Date: Thursday, November 13, 2014 11:19:21 AM

Dear Commissioners,

Thank you for extending the gas and oil development moratorium. Have a nice day.

Sincerely,

Ruby Bowman

Longmont resident

From: [caradalire](#)
To: [Boulder County Board of Commissioners](#)
Subject: The ban on fracking
Date: Thursday, November 13, 2014 10:55:53 AM

Mr commissioner

I am writing to you in the hopes that something can be done. Below are pictures of myself and my best friend since I was 2. You'll notice neither of us have hair. She is currently in a fight for her life. She was diagnosed recently with a rare, aggressive leukemia at only 29 years old just 8 short months after moving very near to a fracking site. The other pictures are of a fire that happened at the site just before she was diagnosed and her 2 year old daughter who has mysterious ulcers in her face (which also appeared just after the family moved near the site). We must keep this ban on fracking. It may already be too late for Amber but we must not allow one more person to have to fight for their life or another baby to face life without a mother. This could be your family, your friend, or you if we do not stop this immediately. Please help.

Regards,
Cara Alire

Sent on a Sprint Samsung Galaxy S® III

From: [Angela G.](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Thanks
Date: Thursday, November 13, 2014 10:04:09 AM

Thank You Very Much
for extending the O&G moratorium.
We appreciate you!
Angela Green
Gunbarrel 80301

From: [Jonathan Hymer](#)
To: [Boulder County Board of Commissioners](#)
Subject: I urge you to extend the moratorium in Boulder County!
Date: Thursday, November 13, 2014 9:25:40 AM

Honorable commissioners,

I want to let you know I and countless others in Boulder County consider current horizontal hydraulic fracturing (tracking) to be prohibitively dangerous at this time in numerous ways including air quality, water security, inappropriate industrial activity in rural and more populated areas, and climate effects. Gas leaks! It leaks a lot! If it leaks more than 3%, it soon becomes WORSE for climate and humanity's future than even COAL! Leakage rates are more than double that! We don't have the inspectors, nor the bureaucratic will to strictly enforce the integrity of the extraction and holding process. I strongly urge you to EXTEND THE MORATORIUM on fracking. Voters will not be happy otherwise.

Jonathan Hymer
Boulder, CO

From: [Rod Brueske](#)
To: [Jones, Elise](#); [Boulder County Board of Commissioners](#); mark@ollinfarms.com
Subject: Mobile Web - Business - Emissions rules yield little benefit along Colorado's Front Range
Date: Thursday, November 13, 2014 8:56:40 AM

www.denverpost.com/business/ci_26926908/emissions-rules-yield-little-benefit-along-colorado-front-range

Download the official Twitter app [here](#)

Sent from my iPhone

From: [Scott Smith](#)
To: [Boulder County Board of Commissioners](#)
Subject: CU Frack fluid study: Misleading
Date: Thursday, November 13, 2014 8:13:18 AM

Hi:

The CU study showing fracking fluids to be no more hazardous than household products. It's a lie.

The CU study examined only one chemical component of the fracking fluid witch's brew: surfactants, (soaps) which are used to help break up oil. There are many other chemicals that are used in fracking fluid, which happens to be a very profitable manufactured commodity, bought and sold around the world. Here's a CNBC analysis on the market which also highlights the other, not mentioned or examined toxic compounds in fracking fluid.

<http://www.cnbc.com/id/102150574>

Extend the moratorium and ban this fracking threat.

Regards,
Scott Smith

From: [Tonia Alire](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking
Date: Wednesday, November 12, 2014 9:17:49 PM

Please save our children and continue the ban on fracking

From: anderscarlson@gmail.com on behalf of [anders carlson](#)
To: [Boulder County Board of Commissioners](#)
Subject: Say no to fracking
Date: Wednesday, November 12, 2014 8:14:23 PM

Please consider an extension of the moratorium on fracking in boulder county. Boulder is a world renowned center for climate science and research. Fracking has no place here.

Best,
Anders Carlson
2590 Dartmouth ave
BOULDER 80305 CO USA

From: [Rod Brueske](#)
To: [Danielle McCann](#); [Boulder County Board of Commissioners](#)
Subject: Mobile Web - News - Study links ADHD to fetal exposure to common pollutant
Date: Wednesday, November 12, 2014 2:50:23 PM

www.denverpost.com/nationworld/ci_26918583/study-links-adhd-fetal-exposure-common-pollutant

Download the official Twitter app [here](#)

Sent from my iPhone

From: butoh@efn.org
To: [Boulder County Board of Commissioners](#)
Subject: Ban Fracking
Date: Wednesday, November 12, 2014 1:37:22 PM

Dear Commissioners Jones, Domenico & Gardner,

Hello, my name is Planet Glassberg and I urge you to ban fracking in Boulder County.

I oppose fracking because the practice exposes the broader public to toxic chemicals linked to breast cancer as well as a host of other health harm. Fracking can contaminate underground water supplies that directly threaten public health both in rural communities that reside near fracking sites as well as urban residents that live far from fracking operations. We have to act now rather than waiting for the negative health impacts of fracking to reach pronounced levels. Act Now to protect public health and the environment from hazardous impacts of fracking.

I urge you to extend the ban on fracking in Boulder County.

Thank you for your time and consideration.

Sincerely,
Planet Glassberg

P.O. Box 402
Fort Collins CO 80522-0402
Phone: 970-221-7172

From: [Elvia EA](#)
To: [Boulder County Board of Commissioners](#)
Cc: info@polisforcongress.com; Governor.hickenlooper@state.co.us
Subject: Ban or Extend Moratorium - No Fracking in Boulder County, CO
Date: Wednesday, November 12, 2014 12:40:35 PM

Commissioners,

You heard all the wonderful comments 11/10/14 from the people, your constituents regarding extending the moratorium on any fracking in Boulder County. You've heard many of these same pleas, facts, experiences before, and a moratorium was put in after the people took action. Please ban or at minimum put a moratorium for NO FRACKING IN BOULDER COUNTY, CO.

These are some of the points, reasons you should ban or extend the moratorium on NO FRACKING IN BOULDER COUNTY, CO.

1) Exercise this "girl" power you have against all the Blue Dog Democrat and Republican males, people who care nothing about the environment, the people, the future generations – only their corporate/political interests, their monetary bottom lines. Don't just be a mouth piece, a rubber stamp for the powerful corporate politicians with dollars vs the people – don't say one thing and do another – do right for the people! Lead us away from fossil fuels now and into solar, wind, natural energies for the people's future. The people, the children count on you for today and for all future generations to follow! Be bold to not allow any party, any corporation to have you sell out the people – let your free will lead and demand the NO FRACKING IN BOULDER COUNTY, CO for the people.

2) You have no results on the harmful effects regarding fracking – that information has been censored, no money is going there to finance the truth for the people regarding the harmful effects of fracking. Perhaps this information will take longer to come to a conclusion – well than NO FRACKING IN BOULDER COUNTY should take place until we all can be certain that "no" health risks occur, and we all have that information. Otherwise, the people's health is being gambled upon.

3) The fact that so much water will be used in the process of fracking is really a NO FRACKING IN BOULDER COUNTY starter. Colorado cannot continue to use up all the region's water for this single destructive endeavor of fracking. Water is and has always been scarce, and now with global warming and therefore draughts occurring – NO FRACKING IN BOULDER COUNTY is even more obvious.

4) "Anyone's" mineral rights – is not a right for all, "all" is all the "people." I say no and eminent domain to that if that is a reason to get the mineral rights dollars to these people vs the health rights of all the "people."

Please Commissioners, do your job for the people – NO FRACKING IN BOULDER COUNTY, CO.

Thank you!

Elizabeth Allen
Boulder, CO

cc/bcc: Politicians that should not allow fracking
organizations/VIPs against fracking

From: [Haverfield, Carrie](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking comment
Date: Wednesday, November 12, 2014 10:47:22 AM

Planet Glassburg

Please vote to extend the ban on fracking in the county. This is not just a county issue, but a state issue.

970-221-7172
PO Box 402
Ft. Collins, CO 80522

Carrie Haverfield
Constituent Services Liaison
Boulder County Commissioners' Office
303-441-1688 p
303-441-4525 f

From: [Glantz, Namino](#)
To: janetsomerville@comcast.net
Subject: Web - Public Health Planning_fracking_sent12nov14
Date: Wednesday, November 12, 2014 10:14:29 AM

Thank you for your message. It has been forwarded to the Board of County Commissioners, as they are compiling public input, which they will consider in their upcoming decisions.

Namino Glantz
Boulder County Public Health
3450 Broadway, Boulder, CO 80304
303-441-1167 ~ nglantz@bouldercounty.org

-----Original Message-----

From: janetsomerville@comcast.net [<mailto:janetsomerville@comcast.net>]
Sent: Tuesday, November 11, 2014 8:39 PM
To: Glantz, Namino
Subject: Web - Public Health Planning - janetsomerville@comcast.net

Contact Name: Janet Somerville
Email Address: janetsomerville@comcast.net
Subject: Public Health Planning

Message:

Boulder County Commissioners,

Please Vote to ban fracking in our county; it is a health and environmental hazard. Alternative energy sustainable alternatives are everywhere.
Injecting chemicals and using our precious water is a crime against our mother earth which is also ourselves.

I live in Louisville, Boulder County and know we can honor the beauty and majesty of our earth by living in harmony.

Date Time: 11/11/2014 8:38:56 PM

From: [Linda Peterson](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Extend ban on fracking
Date: Wednesday, November 12, 2014 9:52:51 AM

Dear Boulder County Commissioners:

I am writing to implore you to extend the ban on fracking in Boulder County for as long as possible. Increasingly we learn of the many problems that fracking creates for our air, water, land, i.e., our environment as a whole. We just don't have the water to frack in this arid environment. I am ashamed that the oil and gas industry continues to do so many things that are harmful to us and that our state government lets them do these things. We need elected officials who will protect us and work for our benefit. If not you here in Boulder County, then who?

Thank you for considering my comments.

Linda M. Peterson
1325 Redwood Ave.
Boulder, CO 80304

303-859-4026

From: wishdoctor@gmail.com
To: [Boulder County Oil and Gas Comment](#)
Subject: Spam: just say no -
Date: Wednesday, November 12, 2014 6:57:31 AM

to fracking.
not good.
please don't.

From: [Diana Wright](#)
To: [Boulder County Board of Commissioners](#)
Subject: please extend the fracking moratorium
Date: Tuesday, November 11, 2014 7:54:31 PM

Dear Boulder County Commissioners,
Please extend the current fracking moratorium until 2018 when we will have more information on the health effects from fracking. Why would we ever rush to allow more fracking of wells before we know for certain the long term health effects? I'm also concerned of the long term damage to our water here in Colorado especially after reading the studies predicting Colorado will have a water shortage in the coming years.

There should be no rush to frack more wells while there is currently a glut of oil and gas. Let's extend the moratorium until 2018.

Thank you,
Sincerely,
Diana Wright

From: [VJ Deutsch](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Re-Instituting the Moratorium on Fracking in Boulder County before/by the end date of the present Moratorium on Fracking must be a priority for the health and well being of our community
Date: Tuesday, November 11, 2014 4:16:42 PM

I need you, the members of our City Council and all relevant Boulder organizations and ruling bodies to know that you are putting the lives of Boulder county residents, and all women, men, and children, especially infants, pregnant women & elders that come to work, school, shop or play/sport in Boulder County at risk if you do not continue the moratorium on fracking here in Boulder county.

It is a threat to the quality of the air we breath, our precious water supply both by contamination from toxic chemicals used in the fracking process and removing vast amounts of water from our already limited supply here in the Southwest. Never mind the leakage from cracked pipes and well-pads at the drilling sites which has been the case in numerous instances already. The process contaminates our soils, it imposes incredible levels of noise and vibrational pollution in the vicinity of the well-sites and along the truck routes moving the materials in and out of the areas, damaging to the roads/infrastructure of the community.

It is outrageous that there are actually archaic laws on state's books that allow state governments to override rights of individuals and communities when it comes to raping the land to extract natural resources. This is against the constitution of the USA and our Bill of Rights that upholds the inalienable rights of individuals, citizens of the United States. Since 9/11 both our inalienable rights and the rights guaranteed citizens in our Federal constitution have been eroding at break-neck speed due to the now blatant collusion of transnational corporations and all branches of the US government.

But you are all intelligent people and know this already.

What you might not know, because it has hardly been mentioned even on our perceptive and "tell it like it is" public radio station KGNU, Hickenfracker not only narrowly won re-election possibly because this state has so many pro-gun NRA enthusiasts. No, he almost lost due to fall out on what might be considered the opposite end of the political scale. That, too, is not accurate as there are many pro gun folks who are strongly anti-fracking and the government's stand against the people, actually siding with the oil and gas industry contributes to pro-gunners sense that they want the means to defend themselves (as unrealistic as this might be), their families, & neighbors should the citizens have to face-off against a militarized police force.

They, in addition to pacifist citizens like myself, of which there are many thousands, are mortified by Hickenlooper's stance against CO communities - governing from a perch on the shoulders of the oil and gas industry. He is completely loopie to have expected us to vote for him in this past election last Tuesday.
see:

PopularResistance.org info@popularresistance.org

This, like GMOs, is a very big global issue in addition to being a very local one as they both negatively effect the greatest challenge to our future, Climate Change and the well being of human's, all sentient Beings and the planet itself. The desire of the citizens of Boulder, including you our City Council members, to become it's own electric municipality is inline with our genuinely working to meet our environmental

commitments. Not allowing fracking is equally important if not more important regarding this goal.

Respectfully Yours
VJ Deutsch
Walnut Street
Boulder CO 80302

From: [PJ Hrynik](#)
To: [Boulder County Board of Commissioners](#)
Subject: moratorium
Date: Tuesday, November 11, 2014 3:57:38 PM

Please extend the fracking moratorium until 2018 when health studies will be available and re-evaluate at that time. Thank you for hearing the voice of the people.

From: [Rbg Gatherings](#)
To: [Boulder County Board of Commissioners](#)
Subject: NO Fracking in Heatherwood, BOULDER, CO
Date: Tuesday, November 11, 2014 1:23:32 PM

TO the COUNTY COMMISSIONERS:

I am a resident of Heatherwood, in Boulder, Co. I have heard there is going to be tracking in our area and you have the power to stop these actions. You must for our sake and the sake of our children. I have small children going to the Heatherwood school and if I, or any of my kids gets sick, I will hold you liable.

From: [Elise Edson](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium on fracking - please!
Date: Tuesday, November 11, 2014 8:00:03 AM

To whom it may concern,

My name is Elise Edson and I live in Boulder Colorado. I'm writing to ask that you put in place a moratorium on Fracking for at least three years.

I moved to Colorado from New Jersey, where I have seen the firsthand the effects on fracking in New York and Pennsylvania. The cities where fracking was legal wish they had never allowed to take place. Farmland has been ruined. Open space has been ruined for generations. All for the selfishness of one generation.

I kindly ask that you please think with the foresight at the Native Americans who came to this country before us. Seven generations ahead from now, will we be grateful that we did fracking?

Sincerely,
Elise Edson
3035 Broadway St. #39
Boulder, CO 80304

From: [thecreativelinker](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Please Extend for at least 3 to 5 more years!
Date: Monday, November 10, 2014 10:35:58 PM

This is my 2nd email on this because I forgot to add that I want a moratorium on fracking in Boulder County for a minimum of 3 more years and 5 or more would be even better!

Thank you,
MJoy Silva
303-772-2070

From: [thecreativelinker](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Extension of fracking moratorium in Boulder County
Date: Monday, November 10, 2014 10:30:39 PM

Dear Boulder County Commisioners,
Please extend the moratorium on fracking in Boulder County. There are still too many unanswered questions about the risk to our land, air, water quality to allow the fracking industry to move forward in establishing a foothold here.

Thank You,

MJoy Silva, Longmont Resident

PO Box 6444

Longmont, CO 80401

303-772-2070

From: [tearsa larson](#)
To: [Boulder County Board of Commissioners](#)
Subject: Amber Gonzalez
Date: Monday, November 10, 2014 10:19:05 PM

Please consider the health and wellness of your citizens when deciding on your Fracking moratorium. This is my daughter newly diagnosed with Acute Myeloid leukemia. Research the causes of this form of leukemia. She does not have down syndrome, no rare blood disorders, no previous chemotherapy. That leaves chemical exposure or bad luck. We live 250 ft from a new fracking site. A site that had a fire from stored drilling chemicals in an OPEN container. The other picture is of my grandbaby. She was diagnosed with "asthma" and has had ulcers on her face since fracking started. She was perfectly healthy prior to moving into our home. The last picture is of my daughter before she has had to fight for her life. Please consider carefully.
Tearsa and Kyle Larson

303-946-9589

From: [Melissa Raglin](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking in Boulder County
Date: Monday, November 10, 2014 10:14:52 PM

Good evening,

I'm writing this email in regards to my family friend Amber Gonzalez who was recently diagnosed with cancer due to being so close to a fracking site. The doctor wouldn't even release her to be in the comfort of her own home because she was near this site. Her family had to struggle and gather all of there belongings to a rental home so Amber could come home. Not only is Amber sick but her 4 year old daughter was diagnosed with asthma and has skin rashes which her pediatrician suspects it's because they are in close proximity to the fracking site. Please consider all of these awful side effects before letting these sites into our beautiful home and the beautiful county of boulder.

Sincerely,

Melissa

Sent from my iPhone









From: [Lise Hildebrandt](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Written form of oral comments for Moratorium hearing
Date: Monday, November 10, 2014 10:14:08 PM
Attachments: [Statement for the Boulder County Commissioners.docx](#)

Attached are the comments I made in person at the meeting. Thank you for hosting the hearing.

Lise Hildebrandt
Sustainable Revolution Longmont

From: [Hopi Darnell](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Please extend moratorium on hydraulic fracturing
Date: Monday, November 10, 2014 8:54:32 PM

To Whom It May Concern,

I am extremely concerned about the negative impact of hydraulic fracturing to our community health and environment. Methane is a much more powerful green house gas than CO2 and contributes tremendously to climate change. It is a proven fact that methane gas is released during hydraulic fracturing. This alone should be enough to ban this practice in our community. If not, the contamination of drinking water is too great a risk to take. Clean water is a precious resource, for Colorado especially, and it is our duty to protect it.

Sincerely,

Hopi Darnell
535 Mohawk Dr. #2
Boulder, CO 80303

From: [Lauren Schowe](#)
To: [Boulder County Board of Commissioners](#)
Subject: Please extend the county moratorium on the 1800+ tracking wells
Date: Monday, November 10, 2014 7:29:56 PM

Money comes and money goes but human and land health does not... please follow conscience and do right by the population who chooses to live here so as to be in a safer place - extend the moratorium on the fracking wells in Boulder County. There has to be a place left on this Earth of ours where people make smart and healthy decisions - and Boulder is too educated to not be that place. PLEASE!

Lauren Schowe
2427 7th St
Boulder, CO 80304
303-440-1310

From: [EcoEnclose](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking in Boulder County: Our video message to you...
Date: Monday, November 10, 2014 7:27:12 PM

Hello Ms. **Domenico, Ms. Gardner, & Ms. Jones,**

My husband is presenting the audio version of this video at today's meeting...

This is our message to you...we would be super appreciative if you could carve out a moment to watch:

http://youtu.be/_LIKlgqOnWU

Thank you for taking the time to listen –

Erin Kimmett

From: [J. Erik Hartonft, AIA](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Boulder County Oil and Gas Regulations - Suggested Modifications
Date: Monday, November 10, 2014 6:36:45 PM

Regarding the Boulder County Land Use regulations related to Oil and Gas operations in the County, and the current moratorium, I would like to offer the following for consideration.

□ The regulations specify setback distance from “occupied structures” which would be defined as “any building or structure that requires a certificate of occupancy or building or structure intended for human occupancy”.

I would suggest a modification to this definition as follows: “Occupied Structure - Any building or structure, *whether constructed, or approved per the Boulder County Site Plan Review (SPR/SR/LISR) regulations, or Building Permit process*, that requires a certificate of occupancy or *that is or would be* intended for human occupancy”.

As you are aware, the Site Plan Review, Special Reviews, and Building Permit applications require substantial time, effort and cost to prepare, submit and obtain required approvals. If an approved site plan, or building permit exists on a specific property, I believe that the property owner should have the right to pursue the construction project with the understanding that the oil and gas drilling operations would not violate the required setbacks simply due to the fact that the building has not been completed and occupied.

□ The regulations do not seem to limit the quantity of well heads or storage tanks and other equipment located at a given well pad, or stipulate any different regulations for multiple-well pad sites. As you are aware, with the advent of horizontal drilling, we are seeing the aggregation of multiple wells on sites to increase the efficiency of the operations, and this is presumably encouraged by the new oil and gas regulations of Boulder County to minimize access roads, etc. I do not know the practical limitations to aggregating multiple wells and equipment at a single site, but as horizontal drilling distances increase, the number of wells, tanks and other equipment at any given site could logically be increasing as well. It is not uncommon now to see 6-10 or more wells in a single site, and this could increase in the future. This requires large quantities of storage in multiple tanks, more, larger separators and other equipment. These sites visually convey exactly what they are, which is an intense industrial use, often in residential areas. It should seem obvious that aggregating large amounts of flammable oil and gas storage and processing equipment in a single location would increase the health and safety risks to persons and properties within the vicinity of such industrial facilities, thus requiring more stringent setbacks and other regulations.

I believe that the Expedited Review process for existing well sites will simply

encourage a fast-track to these large multiple-well sites, which should have larger setbacks, but would be allowed lesser setbacks than new well sites. This approach seems entirely backwards. It is not clear why we would encourage the intensification of existing well sites close to occupied structures, thus increasing the risks.

Instead of encouraging the aggregation of these facilities, I believe that our regulations should limit the intensity of any given drilling/processing operation for public health, safety, aesthetic concerns, and basic good land use principles. We should not encourage, or allow large industrial facilities near any occupied structures, and we should require adequate screening of these types of facilities, regardless of the size, but especially with these larger facilities. Clearly, this is an area that warrants some additional study, but with the current setback regulations, I believe that we should initially put a limit of 2-3 well heads on a single site, and similarly limit the other infrastructure to the accommodation of only 2-3 wells. In my opinion, larger multiple-well sites should be required to go through a more rigorous approval process, and require greater setbacks.

□ I believe that many issues have been brought up for your consideration in the past few months, and leading up to this hearing regarding the expiration of the current moratorium. I believe it is prudent to study the data that has been collected regarding the health and safety issues related to these oil and gas operations and allow the State task force to weigh in before the moratorium is lifted.

Thank you for your consideration of my input regarding this matter.

J. Erik Hartronft, AIA, LEED® AP

From: [Chris Freeman](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Boulder County Drilling Ban
Date: Monday, November 10, 2014 5:29:48 PM
Attachments: [image001.png](#)
[disclaimer.txt](#)

As a Boulder County citizen I want the ban drilling lifted.

Regards,

Chris

Christopher A. Freeman
Managing Director

Energy Investment Banking

Wunderlich Securities, Inc.

1099 18th Street, Suite 2850

Denver, CO 80202
Office 303.965.7968

Cell 303.638.7455



From: [Paul Lawson](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Comment on Oil and Gas Wells.
Date: Monday, November 10, 2014 5:18:48 PM

To Boulder County Commissioners Gardner, Jones, and Domenico:

I am a Ph.D. atmospheric scientist living in Boulder, and I am strongly against any proliferation of oil and gas wells in Boulder County. I call your attention to the recent NOAA-CIRES study where aircraft measured hydrocarbons, methane and VOC emissions in Colorado (summary at <http://www.edf.org/climate/methane-studies/NOAA-study-faq#1>).

“The data shows that state inventories underestimate hydrocarbon emissions in the basin by a factor of 2 or more. Estimated methane emissions are reported to be almost three times higher than those derived from estimates using EPA’s 2012 greenhouse gas reporting data. The authors also suggest this corresponds to a 2.6 – 5.6% leak rate of total natural gas production from oil and gas wells. Emissions of smog-forming VOCs are twice as high as state estimates and seven times higher for emissions of benzene, a known carcinogen.”

Additional recent studies conducted in the Western US by NOAA and NASA show similar results.

Dr. Paul Lawson

3022 Sterling Circle

Boulder, CO 80301

From: [tearsa.larson](#)
To: [Boulder County Board of Commissioners](#)
Subject: My daughter has leukemia
Date: Monday, November 10, 2014 3:48:32 PM

Hi,

My daughter was diagnosed with Acute Myeloid leukemia on Sept 9th 2014. My grandbaby was diagnosed 2 weeks later with reactive airway disease. We do not live in Boulder however we live in Frederick or Weld county. I would like everyone there to consider this. We lived roughly 250 ft from a fracking site. There was a fire from 200 or so gallons of unauthorized drilling liquids, that caught on fire from static electricity. My daughter who is 29 with a 2 year old baby has a 40% chance of survival AFTER chemotherapy. A bone marrow transplant will give her a higher chance of survival if she lives. Attached is a photo of the fire and corner of my drive way. One subdivision over my cousins son who is 10 has severe asthma and his 10 year old friend has leukemia. Please consider the health and lives of your citizens

Thank you

TEARSA AND KYLE LARSON

303-946-9589



From: [Betsy](#)
To: [Boulder County Board of Commissioners](#)
Cc: [Charlie Tucker](#)
Subject: Pls extend ban on County Fracking
Date: Monday, November 10, 2014 3:48:16 PM

Dear Boulder County Commissioners,
I am another constituent urging you all to vote to extend the ban on fracking in the County.

Betsy Jordan Hand
880 Sixth Street, Boulder 80302
303 447-8073

From: [Analiese Jones](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Extend the moratorium!
Date: Monday, November 10, 2014 2:13:44 PM

Please extend the moratorium on the processing of applications in Boulder County for oil and gas development! We deserve the right to determine what businesses are located in our county, as well as the ability to control the negative repercussions of drilling on the natural and human environment.

Thanks,

Analiese Jones
(208) 585-7233

From: [Charlie Tucker](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: EXTEND THE MORATORIUM!
Date: Monday, November 10, 2014 12:59:19 PM

PLEASE!! analysis of the fracking regulations obviously needed and the governor's commission will be reviewing data next year. This is clearly NOT the time to lift the moratorium

--

Charlie Tucker
303-506-2551

From: [Shellie Honemann](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Extend the moratorium
Date: Monday, November 10, 2014 12:32:49 PM

Please extend the moratorium for further studies! I am very concerned about this county and the environmental contamination or the need for more research, WE need to extend the moratorium.

If the moratorium expires, the door would be open to natural gas extraction in the unincorporated part of our county. This is county is one that should be different from all the rest, one that can be used as an example of an organic, healthy lifestyle. Boulder County needs to stay true to what it is, it is the next big place for an agritourism destination, with people coming from across the country to experience our farms, restaurants, and food related events. But who would want to visit a farm community filled with gas drilling? Imagine a tourist taking a bike tour to visit local farms and having to ride past numerous condensate burners flaring toxic levels of benzene. Opening up our county to hydraulic fracking would be a huge setback to the economic potential of agritourism, and a setback to the businesses of our local sustainable farmers. (Ollin Farms)

EXTEND THE MORATORIUM!

Shellie Honemann
2400 Skysail Ct.
Longmont, CO 80503

From: [Manfred Schwoch](#)
To: [Boulder County Oil and Gas Comment](#)
Cc: [Manfred Schwoch](#); [Sharon Schwoch](#)
Subject: Boulder County Fracking Moratorium
Date: Monday, November 10, 2014 11:34:55 AM

Dear Boulder County Commissioners:

Life does not stand still, even in America, and the state laws which seemed suitable a century and a half ago must be brought in line with today's realities. Airports are built while settlements are still far away, but as population density approaches such airports, they must make concessions to current conditions by way of noise mitigation, overflight restrictions, and more, and so must current oil and gas operations.

Valentine's Day 2013: The Boulder Daily Camera reports that "at least 84,000 gallons of water contaminated with oil and chemicals used in hydraulic fracturing spilled from a broken wellhead 4 miles N of Windsor." The closest homes were about 1,500 feet away, and there were other spills by PDC. This is one example of many, in Colorado, other states, and abroad.

This week, as you know, Encana will begin fracking 6 wells near Vista Pointe and Vista Ridge subdivisions in Erie; Encana spokeswoman Wendy Wiedenbeck said that those living near these Encana operations need not be concerned about their health and safety: "We have a good track record...; we're proud of the work we do." Maybe so, but the fact is that Encana, like all for-profit corporations, exists solely for the benefit of shareholders.

The fact is also that home owners cannot expect sympathy, or help, from their state government whose laws are skewed in favor of business and mining, or from the federal government, especially now. The so-called "right" of O&G companies to frack almost at the doorsteps of home owners must be subordinate to the home owners' right to be held harmless from such operations.

It's no accident that increasingly mortgage companies and real estate agencies have started asking about O&G operations near homes listed for sale, and that such operations have begun to affect home values. The Commissioners might want to read an article by Frank Kreith, professor emeritus of engineering at C.U. entitled: "Can fracking be safe?" in the Daily Camera of February 10, 2013. He thinks there is no reason why fracking cannot be made safe, but read what he thinks it would take to do that. In the current environment, at the federal level certainly, the chances are exactly zero, and even in Colorado the chances for such safeguards are questionable.

Therefore, Commissioners, please do everything possible to protect the public's health and welfare by extending the moratorium until better information of fracking's risks is available.

Manfred Schwoch

4666 Ipswich St.

Boulder, CO 80301

schwoch@colorado.edu

From: [Stephen Balgooyen](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking Moratorium/Ban
Date: Monday, November 10, 2014 9:34:14 AM

Hello!

Please keep the Fracking Moratorium going in Boulder County. An outright (world-wide) ban is what is needed, really--but let's start here. Just look at the extreme drought going on in California, and consider that the biggest water hog of all is hydro-fracking. Not to mention the fact that most or all wells leak at some point in their lifetime, endangering the ever-dwindling groundwater that remains. Look beyond short term greed and the big-oil propaganda and do the right thing for THE WORLD! Even oil executives (and their kids and grandkids) need fresh water. We are wasting and endangering the best clean water supplies IN THE WORLD for short term profits based on unsustainable energy policy. Stop the madness, please, before it's too late.

Stephen Balgooyen
Boulder,CO

From: [Mark Rush](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: No Fracking
Date: Monday, November 10, 2014 9:03:39 AM

This message was sent securely using ZixCorp.

Dear Commissioners,

I am writing to express my ardent support for the continued moratorium on fracking. Oil and gas industry has shown blatant disregard for the will of the people which has continually proven to be opposed to fracking. From an economic perspective, fracking isn't even profitable. Drillers can only operate by taking on excessive debt (U.S Energy Information Agency). In fact, it costs drillers on average \$1.17 to produce \$1.00 of product. Why would we allow a economic boondoggle like this access to our beautiful state and put at risk the health of our environment and the people who live here?

I suggest the commissioners follow the lead of the citizens in Denton, TX and ban fracking all together.

Mark Rush

This message was secured by [ZixCorp](#)^(R).

From: [Ginger Riversong](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Extend the moratorium
Date: Monday, November 10, 2014 9:02:18 AM

I cannot be at the hearing today because of family responsibilities, but I would if I could!

Count me among the supporters of extending the moratorium for as long as possible. Protect the health and safety of our citizens from the destructive operation of hydraulic fracturing!!

Thank you for continuing to take my comments. I am counting on you to stand up to industry on behalf of the people of Boulder county.

Ginger

From: marilyn@grotzky.comcast.net
To: [Boulder County Oil and Gas Comment](#)
Subject: fracking in Boulder County
Date: Monday, November 10, 2014 9:01:42 AM

Fracking is currently taking resources that might be needed in the future, selling them to profit corporations, and leaving us with higher rates of cancer and other health problems, poisoned water and land, and wasted water resources, as well as a mess where there is currently beauty, not to mention contributing to climate change. What's more, the oil will be exported in most cases, and sent to people who may one day want to go to war with our kids, if not us, and are likely to complete with us economically currently. Shortsighted doesn't begin to describe it. I didn't get to this point to be part of the generation that destroyed the future.

As someone regrowing her hair after chemo, I can tell anyone interested that a higher rate of debilitating disease is not something we really need or want. What a waste of time and energy. We have one of the healthiest communities in the US and live in one of the most beautiful places. To throw that away for a little money is something the next generation will never forgive us for, nor should they.

From: [Pete](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Support for extending the moratorium
Date: Monday, November 10, 2014 8:55:21 AM

Dear County Commissioners,

I have submitted comments in the past in support of the moratorium on oil and gas development in unincorporated Boulder County. Nothing has changed my opinion since I submitted my past comments – so I again support extending the moratorium. Information and recommendations from the Governor's task force may change my mind – but we will have to wait and see what they come up with and how the Governor acts. I certainly hope he wakes up and realizes that he is on the wrong side of history.

In the meantime, I offer the following link as my current input to help inform your decision.

The talented folks at University of Colorado's Center of the American West produced a video of my March 2014 FrackingSense presentation. You can watch the video 'Redefining responsible oil and gas development' at this link https://www.youtube.com/watch?v=KbSy_8KNjcY CAW staff combined my PowerPoint slides, with audio and a camera view to create the video. I covered a lot of material in this presentation – which represents the evolution of my thoughts since 2001 -- so this video is quite long (1 hour and 40 minutes).

Also - this link takes you to my shorter 20 minute presentation at Utah State University in 2012 <https://www.youtube.com/watch?v=VjZH2p5Rajo>

You can find more energy related documents on the website of a new non-profit think tank called Conservation Economics Institute <http://www.conservationalecon.org/>
Dr. Evan Hjerpe is the Executive Director of the Conservation Economics Institute and I serve on the Advisory Board of CEI.

If you have any questions, just ask.

Thank you for your time in public service.

Best regards,

Pete Morton, Ph.D.

Conservation Economics Institute

618 Alpine Ave

Boulder, CO

303-993-3727

From: esjboulder@gmail.com on behalf of [Eric Johnson](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: fracking moratorium
Date: Monday, November 10, 2014 8:53:57 AM

Dear Commissioners:

Please continue the fracking moratorium. Boulder County residents deserve clean air and water, and new information about the hazards of fracking continues to emerge. The whole picture vis-a-vis safety issues with fracking is by no means complete.

Thanks,

Eric Johnson
3030 14th St
Boulder CO 80304

From: [Erik Sween](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Public Comment for Extending
Date: Monday, November 10, 2014 8:52:29 AM

Hi,
My name is Erik Sween. I live at 49 Barber Lane in Eldorado Springs. I am very concerned about increased Fracking in Boulder County. I recently drove up to Weld County and was shocked to see how many condensate tanks and well pads there were.

Please extend the moratorium for permitting new oil and gas development in Boulder County beyond January, 2015. We do not know the health and environmental risks yet. Independent research is being conducted, but hasn't been completed yet. The Oil and Gas Industry invests tremendous amounts of money into spinning the real issues. To make long term decisions that endanger the health and safety of Boulder County residents is wrong. Please extend the moratorium until we have research that can be trusted.

Thanks, Erik Sween

From: [Wanda Galiani](#)
To: [Boulder County Board of Commissioners](#)
Subject: fracking moratorium
Date: Monday, November 10, 2014 7:23:02 AM

As a resident of Boulder County - specifically Longmont - I urge the Commission to extend the county's moratorium on fracking for at least 6 months but preferably for another year. Because the governor has formed a task force to work out conflicts between state and local concerns it is imperative that the current moratorium be left in place. That will provide time for the county to work through any legal appeals concerning possible new procedures/policies which might come out of the task force's work and send the message that the communities original objects have not been resolved.

I appreciate your work on this issue and I hope you will continue to protect the health and quality of life in the communities of Boulder County.
Wanda Galiani

I assume that this email will be immediately distributed to each of the 3 commissioners. I was unable to find a link to their individual addresses.
Thank you,

This email is free from viruses and malware because avast! Antivirus protection is active.
<http://www.avast.com>

From: [Scott Smith](#)
To: [Boulder County Board of Commissioners](#)
Subject: It's a great day to free ourselves from being fracked
Date: Monday, November 10, 2014 6:35:32 AM

Good morning:

I'm excited to share my thoughts and experiences with my fellow county residents today to inform and inspire them to stand against the neo-industrial insanity called fracking.

Kind regards,

Scott Smith

Boulder

From: wishdoctor@gmail.com
To: [Boulder County Oil and Gas Comment](#)
Subject: NO FRACKING
Date: Monday, November 10, 2014 6:14:23 AM

no no no - buhbye oil & gas - NOT IN MY COUNTY!

From: [Food & Water Watch](#) on behalf of [Joy Murphy](#)
To: [Boulder County Board of Commissioners](#)
Subject: Please extend the moratorium on fracking
Date: Sunday, November 09, 2014 11:34:34 PM

Nov 10, 2014

Ms. Deb Gardner
1325 Pearl Street
Boulder, CO 80302-5247

Dear Ms. Gardner,

I urge you to protect our drinking water, our clean air and our property by extending the moratorium on fracking in Boulder County.

We have seen the harmful impacts that fracking has on our neighboring communities: it is bad for health, lowers property values and contaminates air and water.

As you know, the current moratorium on fracking will expire in a few short months. In order to protect the things that make Boulder County great, we need to extend the moratorium for three years.

I urge you to protect Boulder County residents and the environment by extending the moratorium on fracking.

Sincerely,

Mrs. Joy Murphy
325 London Ave
Lafayette, CO 80026-1131

From: [Emily Harms](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Beautiful Boulder LIFE
Date: Sunday, November 09, 2014 10:24:12 PM

My name is Emily Harms. I am 23 years old and have been living in Boulder for 2 years. I work at Fate Brewing Co., and am working on renewing my cosmetology license so I can continue my artistic work as a hairstylist full time. I spend my free time doing yoga, hiking, reading, and, recently, volunteering to spread awareness about an issue that affects all of us.

Within the last year, I have gone through powerful transformation and I could not have done so without the kindness, compassion, and undying support of my community. Nature has also been an unforgettable part of my healing. I am so blessed to be surrounded by such beauty. We all are. I do not take for granted the majestic mountains right in our backyard, the flowing Boulder creek, nor the many smiling faces I encounter day to day in this precious place I call home. I am writing coming from a place of gratitude, and asking that you do everything in your power to protect the well being of myself, my community, and this breathtaking section of earth.

Please extend the moratorium on fracking for 3 more years. We need to keep our land and ourselves healthy and thriving, and there is no room for the irreversible, destructive act of fracking in our county. In our state, nation, world ~ either. But it all starts right here. I am asking that you extend this ban to promote the general welfare and secure our Blessings of Liberty.

With love and thanks,

Emily Harms

From: [Alison Ramadei](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: NO MORE FRACKING!!
Date: Sunday, November 09, 2014 9:13:49 PM

Water is simply more important the dirty fuel. Think of your grandchildren . . .

From: [Rhonda Akin](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: In favor or extending the moratorium on fracking
Date: Sunday, November 09, 2014 8:26:50 PM

To Boulder County Commissioners Gardner, Jones, and Domenico:

I urge you to extend the moratorium, and better yet, be bolder, and enact a ban on this industry now. Do not trade the well-being of Boulder County now and into the future for the short-term profits of foreign business entities seeking to control our land's resources for the "boom" in their profits until their industries' bubble bursts and busts our quality of life, leaving we the residents and our children to pay the true costs to our communities of oil and gas activities. These industries demonstrate a pervasive and unrepentant disregard for the stewardship and the benefit of the commons, leaving contaminated air, water, soil, and scarred landscape in the wake of their assaults on communities around the world.

"A lot of people accept the mantra promoted by the polluters...and their indentured servants in the political process...and the media, that we have to choose between good environmental protection on the one hand and a strong economy on the other: That is a false choice. In 100% of these situations, good environmental policy is identical to good economic policy." Robert F. Kennedy, Jr

I hope my children, grandchildren, and I will be able to thank you for courageously standing up to the State and big oil and gas, on behalf of your Boulder County.

Rhonda Akin

535 Mohawk Dr.

Boulder, CO 80303

From: [Pam Piombino](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Drilling Permit Moratorium
Date: Sunday, November 09, 2014 8:18:34 PM
Attachments: [AudubonPositionOnOil-GasMoratorium.docx](#)

Dear Commissioners,

Please find attached comments from Boulder County Audubon Society, concerning the oil/gas drilling moratorium.

Sincerely,
Pam Piombino
President, Boulder County Audubon

From: [Richard Summers](#)
To: [Boulder County Oil and Gas Comment](#)
Cc: [Heatherwood Neighborhood](#)
Subject: Please Stop Oil / Gas Extraction Near Neighborhoods
Date: Sunday, November 09, 2014 7:27:03 PM

Dear Commissioners Domenico, Gardner and Jones,

Please stop oil and gas extraction activities from occurring within 2500 feet of densely populated residential subdivisions.

I am a native Coloradan, a member of the middle class and I consider my political viewpoints to be middle of the road. I have two young children and live near an elementary school in unincorporated Boulder. My home represents my largest single investment and a lifetime of hard work, and I want to live in it for the next 40 years. My neighborhood is at risk for expanded oil and gas operations within a half mile of school and homes. I have watched the threat of increased energy extraction activity introduce significant neighborhood tension and lower our collective quality of life.

I have spent many hours researching the different viewpoints on both sides of this complex issue. I conclude that modern energy extraction activities near my home pose direct health, safety, environmental and economic risk to my family and neighborhood well-being. Local zoning laws prohibit locating heavy industrial activity in residential areas for good reason, and it seems unfathomable that a single industry should be exempt.

Noble Energy's Dec 2013 SEC 10K filing for investors details the risk the company acknowledges in energy extraction operations, stating: "The insurance we carry is insufficient to cover all of the risks we face, which could result in significant financial exposure. Exploration for and production of crude oil and natural gas can be hazardous, involving natural disasters and other unfortuitous events such as blowouts, well cratering, fire and explosion and loss of well control which can result in damage to or destruction of wells or production facilities, injury to persons, loss of life, or damage to property and the environment." They warn shareholders against possible loss of stock value, but the effects of these risks go far beyond the loss of shareholder value for close proximity neighborhoods. Forgive me for not wanting my home, family and neighborhood to be unwilling stakeholders in this risk!

A number of industry independent reports, including one entitled "Proximity to Natural Gas Wells and Reported Health Status: Results of a Household Survey in Washington County, Pennsylvania Advance Publication: 10 September 2014" from the National Institute of Health states that "The number of reported health symptoms per person was higher among residents living <1 km (mean 3.27 ± 3.72) compared with >2 km from the nearest gas well (mean 1.60 ± 2.14, p=0.02). See

<http://ehp.niehs.nih.gov/1307732/>

Other reports highlight the need for 24/7 monitoring of dangerous airborne chemical emissions near gas operations, and that the infrequent air quality spot checks performed by state regulators are completely inadequate and do not pick up instantaneous emissions. See National Geographic article (<http://news.nationalgeographic.com/news/energy/2014/10/141030-dangerous-chemicals-in-air-near-oil-and-gas-sites-study/>). Colorado regulatory capability and industry practice falls dangerously short of such 24/7 monitoring standards and rapid response capabilities.

In addition to reducing neighborhood health and well-being, negative economic impacts on a neighborhood's property values threatens many families economic security. It is not just ordinary middle class citizens who worry about close proximity energy extraction activities. I note that Rex Tillerson, CEO of Exxon Mobil joined a lawsuit to stop fracking related activities near his Texas ranch because "the water tower is diminishing neighbors' property values and "causing unreasonable discomfort and annoyance to persons of ordinary sensibilities." (http://www.huffingtonpost.com/2014/02/21/exxon-ceo-rex-tillerson-lawsuit_n_4833185.html).

Many middle class families in Weld county are facing Rex Tillerson's dilemma, and it is especially upsetting that Encana is pressing ahead with 13 wells near an Erie neighborhood (Daily Camera article 10/31/2014), ahead of any findings or compromise agreements of Governor Hickenlooper's recently established fracking commission. This is an act of bad faith which telegraphs the intent of oil and gas industry and the Colorado Oil and Gas Commission with regard to compromise. They don't respect neighboring property owners and are unable to restrain themselves.

It is clear that average voters around the country, and notably in the politically conservative city of Denton Texas, are opposed to oil and gas developments that are too close to heavily populated areas. These initiatives win politically because certain oil and gas operations defy common sense, even though industry outspends opponents 10 to 1 in political advertising. Opponents of Denton's fracking ban are already planning to invoke the Texas state constitution to overturn the ban.

Unfortunately, it seems that a similar battle will have to be fought in Colorado by resurrecting the state constitution amendment ballot initiatives. It is clear that powerful energy extraction companies are pursuing policies of unrestrained economic gain at the expense of the well-being of ordinary citizens, and it is time for courageous elected individuals to stand up for the majority of their constituents.

Sincerely,

Rich Summers
4623 Jameston St
Boulder CO 80301

From: [michelle behrens](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: extend the moratorium
Date: Sunday, November 09, 2014 4:52:08 PM

Dear Boulder County Commissioners,

As a mother of two young children, a Longmont citizen, and Boulder native, I am begging you to please extend the moratorium on Hydraulic Fracturing for five years in Boulder County. Given the limited research we have on the long term effects of oil and gas development on human health and natural resources, I believe it is reckless and irresponsible to allow this industry to exploit land in Boulder County.

Already, all of the Boulder County communities are experiencing tremendous population growth, which has led to more air pollution from traffic, more housing developments, and less land. If we were to allow fracking on Boulder County lands, this would increase traffic congestion, but with heavy trucks transporting millions of gallons of water and fracking fluids (which the contents are still unknown due to industry trade secrets). Because the state won't fund air and water testing (reminds me of Rocky Flats), we really don't know what the impacts could be on our ground water, habitat, and the air we all breathe.

Boulder County attracts people because of its beauty, the clean air and water, and multiple recreational opportunities. We have an incredibly dynamic and prosperous community because of this. Do we want to compromise everything Boulder County stands for in order to get industry bullies off our backs? Please be bold and strong, and say no to fracking in our community. Please let your highest consciousness drive your decision on this. When we access our good conscience, we place human health and happiness above corporations and greed.

We are looking to you to protect us as invested, caring Boulder County citizens. Those of us who worked extremely hard on banning fracking in the city of Longmont are relying on you to protect our whole community. Please do the right thing.

Sincerely,
Michelle Skagen
Educator
Mother

From: [Raymond Bridge](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: PLAN-Boulder County Comments on Extending Moratorium
Date: Sunday, November 09, 2014 3:44:38 PM
Attachments: [PBCPositionOnOil-GasMoratorium.pdf](#)

Commissioners:

Attached is PLAN-Boulder County's letter of support for extending the moratorium on issuing oil and gas drilling permits.

Raymond Bridge, Co-chair, PLAN-Boulder County

From: [Susan Morris](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking moratorium
Date: Sunday, November 09, 2014 3:17:14 PM

To the County Commissioners

I am writing to ask you to continue the moratorium on Fracking for Boulder County.

I don't feel that any of us have all of the scientific information necessary to change that approach. Clean air and water are critical to our way of life in Boulder County. Lets continue our current stance until we get clear scientific information that tells us that fracking is not harmful.

Thanking you, in advance, for continuing the moratorium.

Susan Morris

939 West Maple Ct
Louisville, CO 80027

From: [Sierra Club Membership Services](#) on behalf of [Jim Dennis](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Boulder County Oil and Gas Exploration Moratorium Must Be Extended (Resolution 2013-55)
Date: Sunday, November 09, 2014 1:52:03 PM

Nov 9, 2014

Boulder County Commissioners

Thank you for the unanimous decision made in June 2013 to enact a moratorium on oil and gas exploration in Boulder County. Your vote was greatly appreciated and crucial to the protection our community.

Now, the moratorium must be extended until we are assured that our communities and the environment are protected. We request that this moratorium be extended at least until June 2018 when: (1) health studies will provide data as to the safety of extraction activities next to homes, schools and businesses; (2) county or statewide regulations are in place to adequately protect our land, air, water and our communities; and (3) a monitoring system that is not based on self-reporting by oil and gas industry is ready to launch.

Our beautiful open spaces must be exempt from any exploration or drilling. Please extend the moratorium initiated by Resolution 2013-55 and 2014-56. We must provide a safe place to live and play free from the harm of toxic fracking for all the citizens of Boulder County.

Sincerely,

Mr. Jim Dennis
PO Box 13
Pritchett, CO 81064-0013

From: [Leslie Glustrom](#)
To: [Boulder County Board of Commissioners](#)
Subject: PLEEEEEEESE Extend the Moratorium on Fracking
Date: Sunday, November 09, 2014 1:25:53 PM
Attachments: [PNAS-2013-Jackson-Water Contamination Marcellus.pdf](#)
[2011 Howarth and Ingraffea Letter to Climate Change on GHGs from Shale Gas.pdf](#)
[2014 Methane Leakage Eagle Ford and Bakken.pdf](#)
[2014 EHP Birth Outcomes Rural Colorado.pdf](#)
[2014 Nature High Winter Ozone Uinta Basin.pdf](#)
[2014-02 Science MethaneLeaks.pdf](#)

Dear Commissioners--I will not be able to attend the hearing on extending the moratorium on fracking on Monday November 10, 2014 but

I PLEAD WITH YOU TO EXTEND THE MORATORIUM.

The science is still out, but there is an increasingly large body of scientific studies indicating that there are very real and serious health and environmental threats posed by fracking.

I believe you will be getting several summaries of the science, but I've included a number of studies indicating the air, water and climate impacts that accompany the production of natural gas.

We must not make a decision before the scientific process has been allowed to proceed so that **we do the research BEFORE** allowing a practice that threatens all of our health and safety.

It would make absolutely no sense to drill first and do the studies second!!

Also--I am quite chemically sensitive and I am already struggling with the levels of chemicals in the air and if the levels of volatile organic chemicals were to increase, I would likely need to leave Boulder County as I am already feeling the effects (headaches, dizziness and nausea most days of my life....).

PLEEEEEEESE extend the moratorium--for our county, our environment and those that are already feeling the impacts--including me.

Thank you for your service--and putting the protection of our County first.

Leslie Glustrom

Leslie Glustrom

Clean Energy Action "Emeritus"

4492 Burr Place

Boulder, Colorado

303-245-8637

lglustrom@gmail.com

From: [ED](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Geologic Comment on Fracking Moratorium
Date: Sunday, November 09, 2014 12:57:11 PM
Attachments: [Fracking in BoCo.docx](#)

Sent from Windows Mail

From: [JENNIFER cornell](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: moratorium in boulder...
Date: Sunday, November 09, 2014 12:23:44 PM

Please be responsible and put a moratorium on fracking in Boulder until we know more about it or can do it safely.

A concerned Boulder citizen,
Jennifer Cornell
4917 Thunderbird Dr. Apt.. F
Boulder, CO 80303

From: [Gail Hartman](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Please extend the moratorium on oil and gas operations
Date: Sunday, November 09, 2014 11:03:03 AM

To Boulder County Commissioners,

I urge you to extend the moratorium on fracking operations in Boulder County. As you know, state and national scientific and engineering studies on the impact(s) of fracking are not yet complete. Boulder County must therefore extend its moratorium UNTIL the time when we have the scientific data (not the spin from oil and gas companies) to prove that county soil, air, and water are not being harmed in any way.

Further, I think it's critical to acknowledge that although all studies related to the impacts of fracking on agriculture—a treasured Boulder County industry—are not yet complete, preliminary findings nationwide have already raised enormous red flags on such issues as contamination of soil, toxic chemical accumulation being passed through the food chain, interference with animals' reproductive/endocrine systems, soil erosion and compaction problems, and water usage/waste ... just to name a few.

Please extend the moratorium so that we can wait until we have real scientific and engineering data (from authoritative sources) to support the claims continually made by oil and gas that fracking is harmless to our county and to all the living organisms living here, including you and me. Let's let science reveal the truth.

Thank you,

Gail Hartman
Louisville, CO

NOTE: Recent, relevant articles you may wish to read if you haven't already:

Yale study: Health problems found in people living near fracking wells. Posted: 9/10/14: <http://www.nhregister.com/general-news/20140910/yale-study-health-problems-found-in-people-living-near-fracking-wells>

13th Report on Carcinogens adds four new chemicals to the cancer list - Fracking just got worse for your health. Posted 10/6/14: http://switchboard.nrdc.org/blogs/jsass/fracking_just_got_worse_for_yo.html

Duke researchers explore potential dangers of fracking. Posted 10/6/14: <http://www.dukechronicle.com/articles/2014/10/06/duke-researchers-explore-potential-dangers-fracking>

From: [anne.guthrie](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking Moratorium
Date: Sunday, November 09, 2014 9:25:52 AM

Dear Commissioners Cindy Domenico, Deb Gardner, and Elise Jones,

Please defend our rights to protect our health and property by extending the fracking moratorium for at least 3 years, or until the oil and gas companies can demonstrate that an improved method will not impact our health nor devalue our property. Right now we are breathing air that has been grossly degraded by all the new wells over the last ten years and it is risible to claim that only the young and elderly are affected adversely, and only on particular days.

Thank you,
Anne Guthrie

From: [Mike Taylor](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium
Date: Sunday, November 09, 2014 9:03:07 AM

Boulder County Commissioners

As more studies are completed, peer reviewed, and presented we have learned during the past 18 months that the fracking process (which includes all phases of extraction from mapping to well closure) is much more dangerous than we thought. During this time we have learned that the air pollution in Boulder County is out of compliance with federal standards; much of that pollution coming from fracking operations and the dangerous VOCs they emit. We also have witnessed the oil and gas industry becoming more bold, drilling as close to Boulder County as they can. The COGCC has added no new inspectors while approving hundreds of new wells. The legislature did nothing to help local communities or counties.

Therefore, it is up to us, and you as our representatives to protect us and our environment. The original moratorium was put in place in order to obtain additional information concerning the possible dangers of fracking. It would make no sense to abandon that logic at this time while we are waiting until 2018 for the health study to be completed.

The moratorium must be extended.

Thank you

Michael Taylor

From: [Sierra Club Membership Services](#) on behalf of [David Zimmerman](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Boulder County Oil and Gas Exploration Moratorium Must Be Extended (Resolution 2013-55)
Date: Sunday, November 09, 2014 7:51:57 AM

Nov 9, 2014

Boulder County Commissioners

Thank you for the unanimous decision made in June 2013 to enact a moratorium on oil and gas exploration in Boulder County. Your vote was greatly appreciated and crucial to the protection our community.

Now, the moratorium must be extended until we are assured that our communities and the environment are protected. We request that this moratorium be extended at least until June 2018 when: (1) health studies will provide data as to the safety of extraction activities next to homes, schools and businesses; (2) county or statewide regulations are in place to adequately protect our land, air, water and our communities; and (3) a monitoring system that is not based on self-reporting by oil and gas industry is ready to launch.

Our beautiful open spaces must be exempt from any exploration or drilling. Please extend the moratorium initiated by Resolution 2013-55 and 2014-56. We must provide a safe place to live and play free from the harm of toxic fracking for all the citizens of Boulder County.

Sincerely,

Mr. David Zimmerman
PO Box 17027
Boulder, CO 80308-0027

From: [Eileen Monyok](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Please Extend the Fracking Moratorium
Date: Saturday, November 08, 2014 11:12:11 PM

Dear County Commissioners:

Thank you in advance for listening to your constituents' voices on the need to extend the fracking moratorium in Boulder County. I am writing this letter to express my concerns on the environmental and public infrastructure impacts of fracking. With so many impacts and so little benefit to the residents of Boulder County, more time is needed to allow industry to devise safer and more environmentally friendly methods to extract oil and gas. Boulder County needs at least 3 more years without fracking, until there are better safeguards in place.

A few of my concerns with fracking include:

- 1) Neighbors are subjected to excessive noise and bright lights 24/7
- 2) Fracking sites use loud diesel generators that spew toxic diesel fumes 24/7
- 3) Fracking is a water intensive process which over-uses one of our scarce Colorado resources
- 4) Carcinogenic, oops I mean proprietary, chemicals are being injected into our groundwater
- 5) The heavy truck traffic around fracking sites is destroying our roads, while they carry numerous loads of water and other heavy equipment to and from the fracking sites
- 6) There is an increased risk of toxic chemical spills, and even an increased risk of earthquakes
- 7) Fracking is yet another industry where there is high regard for profits with little regard for the community

Let's not allow the money of corporations to overpower the needs of our community. Please stand up for your constituents, and extend the fracking moratorium in Boulder County for at least 3 more years.

Thank you!

Eileen Monyok
6889 Frying Pan Rd.
Boulder, CO 80301

From: [Laura Fronckiewicz](#)
To: [Boulder County Board of Commissioners](#)
Subject: Extend the Boulder County Moratorium
Date: Saturday, November 08, 2014 6:52:18 PM

Commissioners,

With deep respect I ask that you extend the Boulder County moratorium on fracking on unincorporated Boulder County. I am moving to that area in the coming weeks as I am fleeing fracking in my current home in Broomfield. I started the group Our Broomfield which successfully ran the ballot initiative in Boulder City/County to get the 5 year moratorium there. In a community as conservative as Broomfield, the vote proved at minimum a delay is what people want. In Boulder County, such an initiative would overwhelmingly pass.

There are incredibly serious consequences to your actions. My children's health is at stake. I have 2 little boys who deserve to grow up with clean air, free of the pollution from tracking. There is ample evidence that this is a dangerous process. I am sure you have seen this Denver Post article, but I am posting it here for your review.

http://www.denverpost.com/news/ci_26800380/dead-babies-near-oil-drilling-sites-raise-questions

Please, please heed our warning that this is the most prudent action you can take. You have the people behind you.

Laura Fronckiewicz

Soon to be, Niwot, CO

From: [Nathan Tom](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil/Gas Comments
Date: Saturday, November 08, 2014 6:15:38 PM

Boulder County Commissioners' Office,

The moratorium on fracking in Boulder County should be extended. As an employee of the National Renewable Energy Laboratories I am fortunate to interact with the Department of Energy on various topics concerning such technologies. Ultimately, without government support of moratoriums on fracking or expanding oil/gas exploration progress to a clean energy environment will only take longer. The free market is biased to the oil/gas industry due to its development over the last 100 years; however, nearly the entire scientific community has acknowledged that we do not have that time period to allow renewable energy sources to develop before climate change affects the entire world. This really is not a point that should be discussed as the current oil/gas supply should be kept without expansion. The community as a whole needs incentive to be weened of our dependence on fossil fuels. Thank you for your consideration.

--

Nathan Tom, Ph.D.
Mechanical Engineering - Ocean Engineering
nathan.m.tom@gmail.com
408-712-4773

From: [Kari Armstrong](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Please preserve Boulder Reserve and Walden Ponds
Date: Saturday, November 08, 2014 2:13:39 PM

I am a Boulder resident, and I want to voice my support for continuing the current temporary moratorium on Boulder County's processing of fracking applications in the unincorporated County. Please help preserve Boulder reserve and Walden Ponds by keeping our public water and resources clean!

Thank you,

Kari Armstrong
1030 6th Street
Boulder, CO 80302

From: [Stephen Miller](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking
Date: Saturday, November 08, 2014 2:07:38 PM

I have many concerns about tracking

1. We have many regulations however the majority of wells are not inspected. Why not wait until all the wells have proven safe before drilling new wells
2. water. As the world runs out of water, how can we waste millions of gallons of water drilling for gas
3. We are not undersupplied. We have a glut of natural gas. We are drilling for more gas to export. Why should landowners suffer so someone can make money exporting our gas
4. Jobs. There are good paying jobs but they are temporary
5. Approximately 8% of new wells leak on the first day

Stephen Miller, M.D.

Longmont, CO 80503

From: [Dante](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking Moratorium
Date: Saturday, November 08, 2014 8:37:46 AM

I am writing to ask you to continue the moratorium on oil and gas fracking within Boulder County at a minimum through 2015 and preferably until a science based study on the environmental impacts of fracking is completed. Having seen the results of fracking in Weld County, I can only say, we must do better in Boulder County. Questions remain about the secret chemicals used in the fracking process, the large amount of water required for these wells, the danger of contaminating water tables, the release of methane gases, the radioactive wastewater produced by this process that is then stowed in injection wells that extend thousands of feet deep. There are too many unanswered questions that should be answered before the moratorium is lifted. Please consider the health and well being of your constituents and extend the moratorium.

Sincerely,

Dante & Karen Trembler
Niwot

From: [Sierra Club Membership Services](#) on behalf of [Randee Webb](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Boulder County Oil and Gas Exploration Moratorium Must Be Extended (Resolution 2013-55)
Date: Saturday, November 08, 2014 12:18:20 AM

Nov 8, 2014

Boulder County Commissioners

Thank you for the unanimous decision made in June 2013 to enact a moratorium on oil and gas exploration in Boulder County. Your vote was greatly appreciated and crucial to the protection our community.

Now, it seems that every week there is a new scientific study out or data mining report that supports the idea that modern, unconventional oil & gas development is very harmful in many ways. So the moratorium must be extended until we are assured that our communities and the environment are protected.

We request that this moratorium be extended at least until June 2018 when: (1) health studies will provide data as to the safety of extraction activities next to homes, schools and businesses; (2) county or statewide regulations are in place to adequately protect our land, air, water and our communities; and (3) a monitoring system that is not based on self-reporting by oil and gas industry is ready to launch.

Our beautiful open spaces must be exempt from any exploration or drilling. Please extend the moratorium initiated by Resolution 2013-55 and 2014-56. We must provide a safe place to live and play free from the harm of toxic fracking for all the citizens of Boulder County.

Sincerely,

Mrs. Randee Webb
12854 E Villanova Dr
Aurora, CO 80014-1916

From: [Denberg Judy](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Extend the fracking moratorium
Date: Friday, November 07, 2014 11:17:25 PM

Oil and gas development contaminates our air and water. California aquifers have been contaminated with high levels of fracking waste water. We don't want that for Boulder County. Their Water Board has found toxic levels of Arsenic, Thallium and Nitrates; and it will take longer for the Benzene, Toluene, N- Hexane to follow for it's speed is slower than these chemicals and the hundred more or so chemicals in the wastewater to follow.

Denton Texas has found toxic levels of Benzene in the air and water in their Community.

There is no safe way to frack. Especially in and near communities. Drought conditions are exacerbated by this process. Now with the oil glut, water has become more precious than oil. It takes ten barrels of water to produce one barrel of oil.

We don't want condensers near homes as they have appeared near the homes in Erie, Colorado. We all are then subjected to the carcinogens that these condensers emit.

Fracking is an unsafe process that causes increased levels of methane to be released into the atmosphere. Climate change in the shape of drought, fire, flooding and immunosuppression have become the new norm.

You are trespassing on our right to clean air and water.

We need water in order to live. If our aquifers are contaminated disease and degradation of our way of life will follow.

We need to focus on sustainable, renewable forms of energy.

Change your mindset and help us reinvigorate our ecosystems before it is too late. You have a stake in this, this is your world too.

Sincerely,
Judy Denberg

From: [Beth Rauh](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking
Date: Friday, November 07, 2014 10:35:04 PM

Please extend the moratorium on fracking. There are so many unanswered questions related to fracking - chemicals used, earth stability/ increase in risk of earthquakes, etc. plus the common argument that fracking helps the US in energy independence is false since the majority of the natural gas is exported.

Thank you
Beth Rauh
7128 Nimbus Rd
Boulder County, CO. 80503

From: [Kathryn Clegg](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Extend the moratorium!
Date: Friday, November 07, 2014 10:29:13 PM

As a home owner in Longmont, and someone who believes the science of climate change, I want to encourage the extension of the fracking moratorium. We cannot close our eyes to the real necessity to transition off of carbon fuels. Our biggest concern should be to PRESERVE and PROTECT our water and soil. These are vital to life itself. Oil and gas are not. We CAN do this. We MUST do this. Oil and gas company profits DO NOT trump my rights to healthy water and healthy soil for food crops. Given the proof that fracking also causes earthquakes, we really should be calculating the additional cost of unstable earth and damage to our homes foundations. I am not willing to suffer all of these threats so that oil and gas can continue to rake in billions of dollars in profit. We can create hundreds of thousands of jobs transitioning to clean renewable energy AND protect our homes, our planet, our lives.

From: [Glenda](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking
Date: Friday, November 07, 2014 8:51:01 PM

Dear Commissioners,

Please extend the fracking moratorium until 2018

when health studies will be available and re-evaluate at that time. I am also against fracking for the large amount of water that is used in an area that is semi-desert and is more and more valuable. This water seems to be removed from ever being available or safe for human use.

Thank you for hearing the voice of the people.

**Glenda Holmes
2756 Bison Drive
Boulder, CO 80302**

From: sistahcool@gmail.com on behalf of [Taz](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Boulder County Public Hearing - Fracking
Date: Friday, November 07, 2014 8:25:46 PM

November 7, 2014

Resident, Citizen, Tax Payer and proud voter: Tasnim Chaudry

7547 Nikau Dr, Niwot, CO 80503

To the Boulder County Commission,

Thank you for your commitment over the last few years to protecting Boulder County residents from the known risks of oil and gas development.

As your constituent, it is important to me and to my family that the Boulder County Commission continue to stand up for the health and well-being of our communities. I am writing to ask you to extend the fracking moratorium at the very Least through the end of 2015. This is very important – more important to me than the issue of repaving the roads.

Until a non-biased, science-based study is completed and published regarding the public health and environmental impacts of fracking, oil and gas development in our county should NOT occur. Please continue to PROTECT our water, air and public health by extending the moratorium. Don't allow our county to become another experimental proving ground ... if it is proven to be a safe technology then it makes sense to embrace it. If it is NOT safe, and proves to be a hazard – then it will be too late for us, our children and our children to come. Water is our MOST precious life resource. Truly – caution and due diligence is not only required, but a DUTY and OBLIGATION.

I've lived in Boulder County for over 22 years. I love it here. I love that there is a respect and appreciation for the beauty and natural resources around us. Let us INVEST in our future, our health, and preserving our beautiful community by MAKING SURE THIS IS A SAFE TECHNOLOGY by investing in studies from a non-biased, science-based study conducted by a THIRD PARTY organization that has NO VESTED MONETARY INTEREST in the results. We owe this to the children. Please know that the capitalization of words is for emphasis – I am not shouting at you. I appreciate the thought and care you give to the responsibility entrusted to you. Thank you for your service. Thank you for your due consideration of the desires of the people. I want safe water to drink. I want land that won't cave in. If

fracking IS safe – then the studies will show this. But let us not jeopardize the safety of ground water and THEN find out it is not safe. At that point, what would be the cure? What would be the remedy? Lawsuits, damages awarded to people would not regain the health, or restore loss of life, or the purity of ground water. Again – let us perform due diligence as is required by the potential RISK. If there is no risk, no safety hazard – then the studies will provide facts and data and a level of certainty that will speak for itself.

Thank you for giving this issue the gravity it deserves. Thank you for being a thought leader and putting the safety of the people over the potential profits of a corporation. Let the facts and data, provided by an independent source, speak to the safety, or risk of the technology.

Sincerely,

Tasnim Chaudry (Taz)

Citizen and Resident of Boulder County⁹

From: [Cyndi Nusbaum](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium on Fracking
Date: Friday, November 07, 2014 8:21:51 PM

Thank you for the extensive research on Fracking, in Boulder County. I strongly support an extension to the moratorium come Dec. 31, 2014.

As much as you may fear a law suit from oil & gas, many more health impact studies, environmental impact studies on the air, water & soil are in process. The neutral studies of both, thus far have shown, significant harm and should not be taken lightly.

A new panel has been put into place at the State Level & the results of the regulations have not yet been determined. Regulations, as you know, has not been oil & gas best effort. Too few inspectors.

I was thrilled you found the Tour De Frack of Weld County as alarming, as many of us just driving along I-25, thru Weld County. It's overwhelming numbers of Frack sites, causes so much concern for many of us, whom live so near, to Weld County. The atmosphere has no boundaries. More & more Frack sites are showing up weekly. Once the Oil & Gas industry gets it's pinky toe in, there's no stopping the land grab. You may think you can regulate it, write as few permits as possible but, you'd be fooling yourselves.

It's better to risk being sued, than Fracked. More cities, municipalities & counties understand this. The laws will change- the truth on the harm it is doing is slowly coming to light. Moratoriums are a pause not a ban. Keep it up.

I moved from Boulder to Longmont last February and although there is a 'Stay' on our moratorium, until an Appeal Trial in 2015, I am proud this city took a very strong stand, against Fracking. Laws need to be challenged and any industry that is exempt of The Clean Water Act, The Clean Drinking Water Act & The Clean Air Act is rogue & above the laws of The E.P.A.. That needs to be challenged. The State Law that throws local democracy out with the garbage, has to be challenged. There is much to do to but, extending the moratorium is a must. Find a way, Whatever it takes. Stay Strong. Thank you for your time & consideration.

Sincerely-
Cyndi Nusbaum
1103 Frontier Dr.
Longmont, CO
80501

[Sent from Yahoo Mail on Android](#)

From: [Alice Marshall](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking
Date: Friday, November 07, 2014 7:47:45 PM

As a resident of Boulder County and Longmont, I am highly against fracking in our communities. I feel the evidence is weak concerning possible threats to wildlife and humans. I believe the long term effects have not been sufficiently studied. Please keep the moratorium to prevent fracking in our community in place.

Alice Marshall
Longmont resident

From: [Jonathan Moore](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Continue the ban on fracking in Boulder County
Date: Friday, November 07, 2014 7:15:54 PM

Members of the Commission and staff,

Please think long and hard about the life you wish to leave for your children and grandchildren. Climate change is real, especially in the Intermountain West, and I believe we have a moral and ethical responsibility to leave Boulder County, the State of Colorado, the United States of America and ultimately, the planet in a better place than when we became active citizens. Fracking is a short-sighted, corporate- driven, environmentally untested practice that has massive long-term environmental implications. In addition to the potential groundwater contamination caused by Fracking, the construction and drilling process alone emits enormous levels of methane gas that will persist in the atmosphere for thousands of years, causing irreversible changes to the carbon cycle. Please get the facts from unbiased scientific sources and I am confident you will make the right decision. Fracking is not the solution to energy independence because the true environmental costs (externalities) are never considered. Simply put a price on carbon and it becomes clear that fracking is no longer economically competitive nor the panacea.

As resident, parent and someday grandparent who lives in Boulder County, I ask you to continue the moratorium on Fracking in Boulder County. We all have to make hard decision to ensure we leave the world a better place. I think you will find that the residents of Boulder County are working hard to do their part.

Please stand with us in banning fracking in Boulder County.

Sincerely,

Jonathan Moore & Katharine Hobart
5740 Prospect Rd
(303) 324-2346

From: [Paul Temple](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: NO FRACKING IN BOULDER!!
Date: Friday, November 07, 2014 6:20:27 PM

It is unbelievable that Boulder County is even considering letting the moratorium lapse. We need to fight this damaging and dangerous practice -- and not be fooled by the pastoral propaganda of the billion dollar oil and gas industry.

There are counties in Texas -- the heart of oil country -- that are fighting fracking. Boulder County should be leading the fight in Colorado. While the current legal structure may be against us, the only way things is going to change is by fighting it -
- not giving in.

WE NEED TO MAKE THE MORAROIUM PERMANENT!!

Paul

Paul Temple

6541 N 63rd St, Niwot, CO 80503

303-516-1004

From: [Jon Mallonee](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Please end the moratorium
Date: Friday, November 07, 2014 6:17:55 PM

Commissioners,

I completely disagree with Mr. Guthrie's message below, and if I am not included within his so-called "great majority", then so be it. I, for one, support both local oil and gas drilling as well as hydraulic fracturing. While that may be considered an unpopular opinion, it is the one that I happen to hold. I urge you to end the moratorium in Boulder County.

Thank you,

Jon Mallonee
Unincorporated Boulder County

Sent from my iPhone

On Nov 7, 2014, at 1:45 PM, "STEWART GUTHRIE guthrie@fordham.edu [heatherwood_CO]" <heatherwood_CO@yahooogroups.com> wrote:

Dear Commissioners Domenico, Gardner and Jones,

Thank you for voting unanimously in June 2013 to extend our fracking moratorium. Like the great majority of residents, I trust that you will again extend it, and do so until fracking can be made safe.

Reasons to extend are many and profound. Indeed, these reasons show that we really need not a moratorium but a ban. (Many communities, of course—including our own Longmont and Lafayette and, most recently, the Texas town of Denton—*have* chosen a ban.) Unfortunately, a ban is not on today's agenda, so please consider my remarks as arguments for a mere extension.

Since you are already familiar with many of the reasons, I'll list only a few as a reminder to us all: harm to residents' health from multiple toxins (as detailed in your Resolution 2013-55) as well as from noise, light and dust; major studies of harm from toxins, yet to be completed; economic loss to homeowners from devalued homes; economic loss of tourism; damage to, and obstruction of, roads by heavy-truck traffic; and—less tangibly, yet visibly—loss of that clarity of the air that permits us to see the mountains.

Moreover, the economic landscape that has favored fracking is changing. Fracking is called "unconventional" for reasons including its high cost and high break-even price point, about \$80 per barrel. World prices presently have dropped below that point and may stay low indefinitely, so fracking is not only highly debt-driven but also financially fragile. Meanwhile, solar and wind energy are steadily cheaper, and energy storage more plentiful. Since the profit from fracking already is marginal, we have the pleasant prospect that, with a little delay, fracking may die peacefully of its own accord. Let us therefore defer its damage, which is permanent, until then.

If it does not die, then the same modest delay—say, at least until 2018, when some major studies of fracking poisons will be finished—may allow this industry to clean itself up.

No one suggests, of course, that corporations do not have property rights. These do not, however, include a right to injure others. Similarly, my wife and I have a right to our money in a bank in Gunbarrel. This, however, does not allow us to withdraw the money at any time we please, for example at midnight, with a shaped explosive charge to blow out the wall of the bank. Do the rights of corporate "persons" exceed those of *real* persons in this regard? If not, then they must exercise their right accordingly. Do not allow these persons to come to us at midnight.

Sincerely,

Stewart Guthrie

7898 Devonshire Way

Boulder, CO 80301

Posted by: STEWART GUTHRIE <guthrie@fordham.edu>

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From: [Robin Collins](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: On Fracking
Date: Friday, November 07, 2014 6:10:47 PM

I am appalled that there is one iota of a chance that our ecosystem could be ruined! Fracking ruins ecosystems. It pollutes the water table. Forever. Did you hear me? Not just for a little while and then dissipates.. The water Is ruined. Fracking ruins the air, for miles downwind. These are very toxic chemicals, known carcinogens. We are already downwind of the Weld county wells. Fracking sites are prone to earthquakes where there were none before! Fracking is a source of constant noise as well. This is not ok with me. My wealth, my children's health and the health of the entire county depend on this decision. Please, it is of utmost importance to extend the moratorium to ban Fracking! Sincerely,
Rev. Robin Collins, MA

--

With deep care,

Rev. Robin Collins

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720 352-1773

You are receiving this because you expressed an interest at one time.
If you are no longer interested, please simply email back.

Our Mailing address:
PO Box 1888
Boulder, CO 80306

From: alexiaparks@gmail.com on behalf of [Alexia Parks](#)
To: [Boulder County Oil and Gas Comment](#)
Cc: [Micah Parkin](#); alexia@alexiaparks.com
Subject: RE: Request to Extend the Fracking Moratorium in Boulder County, CO
Date: Friday, November 07, 2014 5:29:17 PM

I would like to have the following article that I wrote for the Huffington Post (6/17/13) entered into the public record. It contains LEGAL rulings that adds additional, credible support to the request for an extension of the tracking moratorium in Boulder County. - Alexia Parks: Address: 973 5th Street, Boulder, CO 80302 - (303) 443-3697 <alexia@alexiaparks.com>. The article was titled: **Heroic Women** and describe a tracking-related legal decision in Pennsylvania by Judge Debbie O'Dell-Seneca.

Joan of Arc, the French martyr, military heroine and symbol of French nationalism was canonized as Saint Joan. In similar fashion, will Judge Debbie O'Dell-Seneca, of the Washington County Court of Common Pleas in Pennsylvania, be known as "Saint Debbie," for her historic ruling that corporations are not "persons." They cannot elevate their "private rights" above the rights of persons.

In uncommonly elegant language, Judge O'Dell-Seneca cites the 1776 Pennsylvania Constitution as she [declares](#):

it is axiomatic that corporations, companies, and partnerships have no 'spiritual nature,' 'feelings,' 'intellect,' 'beliefs,' 'thoughts,' 'emotions,' or 'sensations,' because they do not exist in the manner that humankind exists... They cannot be 'let alone' by government, because businesses are but grapes, ripe upon the vine of the law, that the people of this Commonwealth raise, tend, and prune at their pleasure and need.

The judgement came after several Western Pennsylvania newspapers had gone to court to reveal the monies one family had received from Range Resources Corp. and other corporations included in a complaint to settle claims of water contamination caused by fracking. The amount: \$750,000.

This [ruling by O'Dell-Seneca](#), which caused a corporate settlement to a single family to become unsealed, will lend strength to 150 cases now being brought in eight other states around the U.S. Calling it "[A New Civil Rights Movement](#)," the Community Environmental Legal Defense Fund (celdf.org/) of Mercerberg, PA documents the victory.

[Alexia Parks](#)

Cell: 303-443-3697

<http://alexiaparks.com/events>

From: [Patti Peterson](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking in Bohn's Farm neighborhood
Date: Friday, November 07, 2014 5:27:55 PM

This is a lovely family neighborhood that surrounds a tract of unincorporated county land. Fracking on that land would be disastrous, disruptive to all homes on the land, and very dangerous for the neighborhood. I can't believe the owner would even CONSIDER this! Please do not allow our neighborhood to be ruined. Housing prices will plummet, families will move out, and the noise alone will be a nightmare for all of us.

Patti H. Peterson
222 Francis St.
Longmont, Co 80501

From: [Marie Marteney](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking is Bad for Boulder County
Date: Friday, November 07, 2014 5:04:14 PM

Dear County Commissioners,
Please keep the moratorium on fracking in Boulder County. It's more than obvious this is not a safe practice, it is not prosecuted in a safe manner, the chemicals used are not safe and water contamination is the norm.

It is not possible for any industry to practice safety when workers are working over 100 hours a week. Seems to me, the industry is trying to limit the future wrongful death suits by limiting the quantity of exposed workers. Workers are scheduled for 100 hours per week. How do such exhausted, over worked people maintain safety? Spills are common. I won't bore you with what I have heard about the dump areas. Total nightmare.

As we see the health issues and damage to the land and aquifers that other counties are suffering, Boulder County will be glad to have not allowed such an irresponsible and short sighted practice.

Thank you,
Marie Marteney

From: [Catherine Collentine](#)
To: [Jones, Elise](#); [Gardner, Deb](#); [Domenico, Cindy](#); [Boulder County Oil and Gas Comment](#)
Subject: RE: Boulder County Fracking Moratorium Extension
Date: Friday, November 07, 2014 4:54:13 PM
Attachments: [Letter.Boulder County Commission.Moratorium Extension.pdf](#)
[EH MEMO ON MORATORIUM 5-1-13_Final \(2\).pdf](#)
[FINAL MEMO on Land Use Act TO BOCO ON COMM EH FINAL 3 6-17-13.pdf](#)

Commissioners-

Attached please find a letter from Our Longmont, Sierra Club, Food & Water Watch and 350 Boulder County detailing our request for an extension to the current moratorium. Members from our organizations look forward to further commenting on the need for an extension on Monday. Please do not hesitate to contact us for any further information on our comments.

We look forward to speaking to this issue further and, hopefully, to supporting you in your announcement of an extension of the current moratorium.

Thank you for your consideration,
Cathy

--

Catherine Collentine, Colorado Campaign Representative
Keep Dirty Fuels in the Ground Initiative
Sierra Club Our Wild America Campaign
1536 Wynkoop Street, Denver, CO 80202
(303)454-3363 (w)
catherine.collentine@sierraclub.org

From: [Christopher Cavett Allred](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Stop Hydraulic Fracturing! We Are United to Protect Our Water Supply and Agriculture
Date: Friday, November 07, 2014 4:39:36 PM

Please consider future generations on planet Earth! Hydraulic Fracturing endangers essential elements of life including our water supply and land that we need to grow food. It is unacceptable for oil and gas corporations to be threatening the rights of communities for their quick profit. We need to prioritize the health and safety of people by guaranteeing access to clean air, clean water and local food! We will not allow corporations to violate our inalienable rights. We don't need further development of the oil and gas industry because we are committed to developing sustainable energy, protecting our lands for the children of tomorrow, and helping the planet.

Sincerely,

Chris

From: [Bill Rafferty](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking Moratorium
Date: Friday, November 07, 2014 3:47:20 PM

Why would we want to approve a program that benefits a few and is so devastating for the majority? When we drive the Diagonal to Boulder from Longmont or drive Nelson Road west to US 36, what a sad, sad situation if we see fracking equipment. Even if there were no health issues with fracking, what about aesthetics? Don't many of us live in Boulder County because it is not an overdeveloped mess? Please extend the moratorium! We can't imagine your constituents favor fracking here in Boulder County.

Bill & Dale Rafferty
Longmont, CO

From: [August & Marion](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Don't displace your constituents
Date: Friday, November 07, 2014 3:39:53 PM

It doesn't matter who we are. Allowing fracking into Boulder County will displace reasonable people who call the County home.

We have been waiting to invest in land to start an educational farm for 3 years. Our local investors are frustrated and ready to abandon the county as well. You have differed our lives, our investments, long enough.

Fracking is at best a 17 year old industry in Colorado as the new operations only became economically viable in 97'. Industry projects on safety are not data. You have been deceived with misinformation by the industries most optimistic guess work.

It is only human arrogance that unnecessarily complicates problems that have simple solutions. We need a operational Hydraulic Fracturing lifetime moratorium for the industry to work with data. Regulate when the information is available not before.

I will be happy to learn your decision come Thursday. If we get displaced by fracking we'll miss being here but more so we'll miss the culture that will get displaced with us.

We love Boulder County as our home as it is. It has supported you thus far and will continue to with out fracking.

Kind regards,

August Miller
923 Alta St.
Longmont, CO. 80501

Who's hungry?
[FoodShed Productions](#)
foodshedproductions@gmail.com
720.878.7878

From: [Simón Mostafa](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Extend the fracking moratorium
Date: Friday, November 07, 2014 2:51:08 PM

Dear Boulder County Commissioners,

As a Boulder County resident, I am writing to encourage you to extend the fracking moratorium for at least three more years. Your decision to put the process on hold the first time was the right one: we wanted to have some time to look at the research that is being conducted on this topic and decide whether this was the right decision for our county. Considering the information and the science that has emerged in the time since, it is becoming clearer that fracking is at least as dangerous or even more so than we suspected.

I know you are stuck in hard place, and I don't envy you: pressure from the state Governor and from gas companies on one side, and your Boulder neighbors on the other. Of course, neither the Governor nor Encana elected you to be their representatives or their voice or to protect them from the desires of the Boulder County residents. It was the other way around! Your job is to represent us, to be our voice, to protect us from them when their desires conflict with ours. Ultimately, to be us... with an amplified voice.

What happens is that when the Governor and certain companies come here with their trucks full of lawyers and the drilling rigs of greed, they begin to inject their fear into our communities, so pressure builds up inside until the rock of reason and patience begins to crack, spewing polluted words and contaminating the waters of dialogue necessary to sustain a healthy community. Can't you see?! They are already fracking our Boulder County community. We are now asking you to stop them before they go any further.

Your duty is to represent the residents of Boulder County, not only in their positions but also in their courage. We have made our position very clear, now the question becomes: how can we demonstrate our courage? The courage that you are supposed to demonstrate when making your decisions, the courage to stand up to those pressuring you from above; that same courage that our community has demonstrated since the beginning of this discussion. You don't have to take the bullet for Hickenlooper and Encana. You know what we want and that we will not be bullied down by the Governor or gas companies, and we are simply asking you, as one of us, to stand with us.

Sincerely,

Simón Mostafa

310 39th st.

Boulder, CO 80305