...but what happens "above" ground?

Fracking Occurs Over 6000 ft Below Groundwater

Source: studyfracking.com
A single well pad... harmless?

Source: Google Maps
Same pad, zoomed out
(Notice the cattle feed company in upper right corner)
Same pad, zoomed out.
(Notice the color of the field around the well)
JBS Five Rivers Cattle Feeding

- Major Cattle Feeding Plant
- Has a nationally combined feeding capacity of more than 980,000 head of cattle with many locations around the Country
- Also manages a 75,000 head capacity feedyard in Brooks, Alberta, Canada.
JBS Five Rivers Cattle Feeding

Source: Google Maps

Slide #6
JBS Five Rivers Cattle Feeding (zoomed out)

Source: Google Maps
JBS Five Rivers Cattle Feeding
(zoomed out, notice well patterns in upper right)

Slide #8

Source: Google Maps
JBS Five Rivers Cattle Feeding
(zoomed out, fracked land on right – ghost farms)

Source: Google Maps
Greeley surrounded by fracking.
A Possible Evaporation Pit?

Left: Evaporation pit in operation.
Bottom: Evaporated pit.
(Notice the color difference)

Source: Google Maps

Slide #11
Black Tank surrounded by 2 walls of tires.
Are these much larger evaporation pit(s)?

Source: Google Maps
Slide #14
Same pits, zoomed out. Is the field in the upper left effected?
A footprint no larger.. “than a 2 car garage”???
(Same area, zoomed out)

Source: Google Maps
Can we be sure the dirt on the trucks are not contaminated with chemicals?
A “drilled and abandoned well” and a “pit”… Can you find them?

Source: Google Maps

Slide #18
The COGCC marks a "pit" exactly where my neighborhood pool is located.

Pit
"in the vicinity of"

Plugged &
Abandoned Well

Pool

Source: Google Maps
- If worst case scenario happens, is this school and neighborhood safe?
- What does “in the vicinity of” mean in regards to a “pit”?
- Are “plugged & abandoned” wells monitored?
- There is a new school planned near the “plugged & abandoned” well, will this new school be safe?
Greeley High School Graduation

Source: coloradopols.com
What if this were in your backyard?

Source: longmontroar.org
Is this the “Face of Fracking”?
(Late 2013)
Already in our neighborhoods.
# Boulder County Commission Public Comment Day

**Location:** Boulder  
**Date:** 11/10/2014  
**THANK YOU FOR COMING TODAY! SIGN IN BELOW.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>E-mail</th>
<th>I'm interested in...</th>
<th>Joining Sierra Club volunteer efforts</th>
<th>Attending the Commission mtg on TH 11/13</th>
<th>Attending the Task Force mtg on TH 11/20</th>
</tr>
</thead>
<tbody>
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</tr>
</tbody>
</table>

Signing this interest sheet makes you a member of the Sierra Club Community. As a member you'll stay informed and involved with the latest environmental news, information, and Action Alerts from Sierra Club local and national.
The Rider 1 well is a single head gas well located 360 ft. north of Trail Ridge Middle School. In 2006, the property owner, Engle Homes, in the course of testing the property for home development, found that the ground water around the well was contaminated with toxic chemicals, among them benzene.

**Benzene is a known carcinogen.**
The state water quality standard for safety for benzene in ground water is 5 micrograms per liter (µg/l). The standard was exceeded at two locations near the Rider 1 Well which measured 491 µg/l and 34.3 µg/l.

In 2009, nearly 2 years after the contamination was reported, TOP Operating, the well’s operator, erected a fence around the well because children had been playing on the equipment. At this point, despite being asked several times to clean up the site, nothing had been done. After eventually being found in violation and fined, they eventually performed a planned remediation. The remediation as of 2009 had not successfully brought the levels down to required standards. The latest testing of the site was in 2009, the levels of benzene in the ground water at two test locations were at 43 µg/l and 190 µg/l, still well above the standard allowed.

Below is a complete timeline of the correspondence between Engle Homes, TOP Operating and the COGCC.

**Rider 1 Well Contamination Timeline**

*How it took TOP Operating Company and the Colorado Oil and Gas Conservation Commission two years to do anything about it, what was done, how (un)successful it was.*

*Information gathered from Colorado Oil and Gas Conservation Commission’s website http://cogcc.state.co.us*

**July 17, 2006**
Engle Homes, the residential developer of the surface, submitted to the COGCC a complaint and a Phase II environmental report, which indicated contamination of soil and ground water by TOP Operating Company’s oil and gas operations. The state water quality standard for benzene in ground water is 5 micrograms per liter (µg/l). The standard was exceeded at two locations near the Well (MW-2 and MW-3) which measured 491 µg/l and 34.3 µg/l, respectively.

**July 21, 2006**
COGCC sent a letter to TOP, requiring submittal of a Site Investigation and Remediation Work Plan.

**August 17, 2006**
TOP submitted an initial work plan which was not acceptable. Basically, it offers absolutely no remediation plan, merely explains how the contamination might have happened.

**December 7, 2006**
COGCC issued Notice of Alleged Violation (“NOAV”) #200100371, to TOP for violation of the following Rules:

- Failing to take precautions to prevent the unauthorized discharge or disposal of E&P waste
- Conducting oil and gas operations that constitute a violation of water quality standards or classifications established by the Water Quality Control Commission (“WQCC”) for waters of the state
- Failing to investigate and clean up spills/releases as soon as practicable
Failing to remediate spills/releases to meet the allowable concentrations in Table 910-1 (Water Quality Control Commission standards for organics in ground water)

Failing to manage E&P waste in accordance with Rule 907 (which requires operators to ensure that E&P waste is properly stored, handled, transported, treated, recycled or disposed to prevent threatened or actual significant adverse environmental impacts or to the extent necessary to ensure compliance with the allowable concentrations and levels in Table 910-1, with consideration to WQCC ground water standards and classifications)

Failing to submit a Site Investigation and Remediation Work plan, Form 27

The NOAV required TOP to submit a Site Investigation and Remediation Work Plan by December 22, 2006, to address the nature and extent and remediation of the E&P waste contamination in the vicinity of the Well.

December 10, 2006
TOP submitted a Remediation Work Plan which was satisfactory to COGCC.

December 15, 2006
COGCC approved the plan.

January 30, 2007
TOP submitted a letter to COGCC, indicating that weather conditions were causing a delay in the work and that TOP would commence work as soon as weather permitted.

December 2007 to early January 2008
Engle Homes began the process of selling the property and sought information from COGCC about the status of TOP’s remediation. Engle Homes determined that TOP had not performed remediation work in 2007.

January 17, 2008
Engle Homes sent TOP a letter demanding immediate performance of the remediation work. TOP replied on January 22, 2008 that it was reassessing the site to determine how to proceed.

January 28, 2008
Engle Homes complained to COGCC about TOP’s lack of responsiveness, lack of remediation of the site, and demanded that an enforcement action proceed. On the same day, COGCC sent a letter to TOP demanding that it perform remediation within 45 days.

February 4, 2008
TOP responded, stating it would perform testing at one of the monitoring well sites (MW-2) and trenching at the other site. (TOP was unable to sample MW-3, which could not be found, presumably due to destruction by mowing activities.) TOP also committed to weekly updates on remediation activities.

February 20, 2008
TOP submitted water quality data from the sampled monitoring well (MW-2). The water sample showed benzene at a concentration of 170 µg/l, still significantly higher than the 5 µg/l state standard.

February 22, 2008, and in March and April 2008
Engle Homes demanded that COGCC undertake enforcement against TOP for failure to comply with its remediation obligations.
March 7, 2008
TOP sent a letter to COGCC, seeking approval of a delay in performing the work until the end of the school year because of the proximity of the site to a school. COGCC responded on March 21, 2008, agreeing to the delay if the work could not be done safely at the site. Theletter also states that they put a fence up around the well because "children were coming over and playing on the tanks, etc." Presumably, up until this point, there was no fence around the contaminated well site.

April 23, 2008
Engle Homes sent a demand letter to TOP to perform the remediation work within 30 days. According to Engle Homes, TOP did not respond.

May 6, 2008
COGCC sent a letter to TOP demanding a written schedule for remediation activities and an update on the status of work. TOP responded to COGCC on May 8, 2008, reporting that it had commenced trenching work at the site on April 25, 2008. To this date, TOP had failed in its commitment to provide weekly updates or the written schedule for work required by COGCC (These are the COGCC words)

June 13, 2008
Engle Homes visited the site and determined that no active remediation activities were being performed and advised COGCC of TOP’s inactivity.

July 30, 2008
Cordilleran Compliance Services on behalf of TOP, conducted soil and groundwater sampling at the site. On August 14, 2008, Cordilleran submitted a report to TOP, indicating that benzene concentration in the ground water at MW-2 monitoring well was 53 µg/l, still significantly higher than the 5 µg/l state standard but declining from the February 20, 2008 measurement of 170 µg/l.

September 22, 2008
COGCC finds that TOP failed to perform timely remediation and as a result, benzene continued to exceed allowable concentrations. COGCC fines TOP $10,000 for failure to remediate.
TOP retains Cordilleran Compliance Services to perform a subsurface investigation and install additional groundwater monitoring wells. Cordilleran recommends “conducting quarterly groundwater monitoring at the site to obtain data and assess remediation options for the groundwater at the site.”

Mar 30, 2009
The groundwater monitoring wells were tested. Concentrations of benzene exceeding the maximum allowable concentration were identified in a groundwater sample from two of the groundwater monitoring wells (MW-2, 27 µg/l and MW-4, 150 µg/l), one of which also contained concentrations of toluene exceeding the maximum allowable concentration (MW-4, 1,300 µg/l).

July 1, 2009
The groundwater monitoring wells were tested. The concentrations had gone up since the March report. Concentrations of benzene exceeding the maximum allowable concentration were identified in a groundwater sample from two of the groundwater monitoring wells (MW-2, 43 µg/l and MW-4, 190), one of which also contained concentrations of toluene exceeding the maximum allowable concentration (MW-4, 1,800 µg/l).
November 6, 2014

Boulder County Commissioners:

We recommend your continued commitment to the protection of the population of Boulder County by preventing fracking, oil and gas development in our county until it is unequivocally proven that these activities cause no human health issues and do no damage to our environment. We are unwilling to risk the health and well being of our county residents and communities. We implore you to extend the fracking moratorium until solid, scientific proof through studies, that are not funded by the oil industry or its supporters, indicate that no harm will come our way.

Sincerely,

Stephen L. Skarzynski  
Donna L. Skarzynski

8445 Pawnee Lane

Niwot, CO 80503
November 6, 2014

Christine Sinden Minor
8380 Greenwood Drive
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 Boulder County Commission continues 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 2015.

Please continue to protect our water, air, and public health by extending the moratorium.

Sincerely,

Christine Sinden Minor
Nov. 6, 2014

Jared & Minae
8380 Greenwood Dr.
Niwa 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.

It is important to me and my family that the Boulder County Commission stand up for the well-being of our communities. Please extend the fracking moratorium at the very least through 2015.

Sincerely,
[Signature]

[Handwritten Signature]
Nov 6, 2014

Bot Johnson
8405 Oremwood Dr.
Boulder CO

Boulder County Commissioners:

Please extend the fracking moratorium at least through 2015.
Please stand up for the health and well-being of our community.

Sincerely,

Bot Johnson
May 11, 2014

Don Johnson
8406 Greenwood Dr.
Akron, OH 80803

To the Boulder County Commissioners:

Please extend the fracking moratorium through 2015 in order to provide enough time to complete additional studies to better understand the environmental impacts of fracking.

Sincerely,

Dr. Johnson
November 5, 2014
Anmari Surprenant and Alan North
8361 Greenwood Drive, Niwot, CO. 80503

To: 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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

Anmari Surprenant and Alan North
November 6, 2014

Sharon L Riegel
8403 Firethorn Ct.
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

Sharon L Riegel
November 6, 2014

David L Riegel
8403 Firethorn Ct.
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

David L Riegel
November 5, 2014
Richard Freeman
9037 Marln Rd, Niwot, CO

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 my family that the Boulder County Commission continues to support the ecological responsibility that makes this county such a wonderful place to live. With this in mind I ask you to extend the moratorium on fracking into 2015. The need for oil is not so great as to justify permanent damage to our communities.

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 guinea pig for the oil and gas industry.

Sincerely,

Richard Freeman
Nov. 5, 2014

To Boulder City Commission,

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

As a note, I want you to continue to stand up for the health of our communities. I am asking you to extend the fracking moratorium at least through 2015.

Please continue to protect our water, air and health.

Sincerely

Karen Blynn
8871 Morton
Minturn, CO 80456
November 5, 2014
Bonnie Egeland
6836 Audubon Ave.
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 that the Boulder County Commission continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Bonnie Egeland
November 5, 2014

Gina Caruso
6945 Walker 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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

Gina Caruso
Dear County Commission,

I am very appreciative 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 that the Boulder County Commission continues 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 2015.

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. We have some stunningly beautiful lands here in our home county, let's not destroy them by fracking where we eat.

Sincerely,

[Signature]
November 7, 2014

Janet G. Smith
8028 Centrebridge Dr.
Niwot, CO 80503

To the Boulder County Commission,

It is vital to me and my family that you extend the fracking moratorium through 2015, at least.

Until a non-biased, science-based study is completed and published regarding public health & the environmental impacts of fracking, oil & gas developments should not occur in our county.

Please protect our water, air, & public health by extending this moratorium.

Regards,

[Signature]
Nov. 7, 2014

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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

[Name]
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 gas and oil 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,
Laurie Walsh Cronin
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 my family that the Boulder County Commission continues 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 2015. 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 country should not occur. Please continue to protect our water, air, and the public health by extending the moratorium. Don't allow our county to become another guinea pig for the oil and gas industry.

Sincerely,

Gabe Gebremunirian
November 7, 2014

Terri VonLoh
6917 Totara Place, Niwot, CO 80503

To the Boulder County Commissioner,

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

As your constituent, it is important to me and to my family that the Boulder County Commission continues 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 2015.

Until a non-biased, science based study is complete and published regarding the public health and environmental impacts of fracking, oil and gas development in our county should occur, please continue to protect our water, air, and public health by extending the moratorium.

Sincerely,

Terri VonLoh

[Signature]

[Signature]
November 6, 2014
Caroline Hester
6652 Legend Ridge Trl
Niwot, CO 80503

To the Boulder County Commission:

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

As your constituent, it is important to me and to my family that the Boulder County Commission continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Caroline Hester
I am happy to convert to electric heat to utilize the sun and the wind and silicon nanotube technology, greatly increasing the energy efficiency of the lithium ion battery. Reference Stanford University, Chinese guy. I can get you the name!

Lynn Segal
538 Dewey
Boulder
80304

303 447 3216
lynnsegal7@hotmail.com
11/5/14
Bonnie Bahlmann
7042 Overbrook Dr.
Niwot, CO
80503

To the Boulder County Commission,

I have to say - if it weren’t for the tireless souls that go door-to-door in the dark, when they could be home and warm, I would not even have known that Boulder county’s fracking moratorium was about to expire. My husband and I were under the impression the moratorium went until at least 2016. This is very concerning to us. I would like to explain why.

We live in Niwot and we have fallen in love with the beauty that surrounds us. We feel like we could live the rest of our lives here and raise our two children. But recently we have begun to worry that the unrelenting push for natural gas will begin to creep west and surround our home. Have you visited Weld County lately? Out east fracking wells and their huge relay stations and sandpits are everywhere. It’s an industrial practice that is really effecting the landscape. And this says nothing of the risks.
Perhaps you've heard of the billions of gallons of fracking wastewater that has contaminated California aquifers? Of course not, one major news outlet covered the story but google it for yourself. Or maybe you've read of the issues Erie has had with air quality since opening the door to fracking. Why does this have to happen in and around residential areas?

Just this past week the IPCC released a report on the grave dangers of climate change. These scientists are telling us we need to get off of fossil fuels or face dire consequences as a planet. Sure - they give us about 25 years to figure out how to do that. But, I don't see any expansion of the fossil fuel industry as responsible or just.

I feel for the people who live to the east of Boulder county and have had their property values and lives destroyed. If your job is to help protect the people of Boulder from the encroachment of greed on behalf of multi-million and billion dollar corporations, this is your time to step up and own that role. If I sound angry, I am. I want to raise a family here and I would prefer not to do that in a major oil/gas development zone.

Respectfully, Bonnie Bahlmann
Boulder County Producers’
Declaration and Appeal for Trust and Transparency

We, the undersigned producers and purveyors, to protect the precious land our food culture depends upon from the inherent risks posed by fracking declare, our opposition to lifting Boulder County’s moratorium on fracking. The producers in Boulder County will be the first confronted by oil and gas hazards when the counties’ moratorium on fracking is set to close - December 31st 2014. This declaration and appeal is inclusive of producer membership and local business relations to save our land for future stewards and to not duly jeopardize the health of our co-workers, families, and all those who enjoy Boulder County’s foodshed.

There is no rush to exploit the mineral rights as other counties have. With time; the value of the mineral rights stands to increase, the extraction methods and procedures will have more time to develop and provide objective, scientific proof that such methods are truly safe for: the land that supports us, the people living in close proximity, and Boulder County’s future economic health. Most importantly - the gas industry will have the opportunity to earn our trust: by accepting the burden of proof as organic farmers' do, by paying for 3rd party monitoring.

A sample size of 40 existing wells per operator, lasting for the duration of their operational life cycle (or 40 years), in Weld County (where ~21,000 wells exist) would provide a reasonable baseline for monitoring and evaluation standards for future regulation. The following itemized list of 3rd party monitoring would allow oil and gas science to work with data, as opposed to current theoretical projections, while addressing our reasonable social, environmental, and economic inquiries.

Environmental Health
- Record of displaced agriculture -
- Record of emissions - ground level air pollutants including, but not limited to: methane, silica dust, benzene, toluene, ozone, ethyl benzene and xylene
- Record of ground level spills and leaks – within and beyond containment zones – including use, quantity, composition, and location of fracking fluids: as a dust suppressant, in open evaporation pits, etc.
- Record of ground water contamination and migration – ground water testing: historic, pre-drilling, during drilling, after drilling, and quarterly
- Record of incidence and effect of animal poisoning – death, birth defects, disease, contamination of animal proteins

Economic Health
- Record of change in tourism – as a food destination how will operations impact Boulder County restaurants, farms, and local markets
- Record of direct (local) employment per year
- Record of gas extraction per operation
- Record of industry investments in renewable energy – as a bridge fuel, what is the industries exit strategy?
- Record of infrastructure degradation/improvements – roads, bridges,
- Record of mineral rights value by year
- Record of land rights holder compensation
Record of new technologies, their application, and effect.
Record of real estate value and deferred local investments
Record of water cost/per acre foot –

Social Health
Record of gas point of sale and direct beneficiaries
Record of health care costs to families – inclusive of existing industry non-disclosure agreements and ongoing respiratory, dermatological, gastrointestinal, neurological, and endocrine related hospitalizations.
Record of human error – driver spills/accidents, poor cement job on well casings, etc.
Record of instrumentation/technological malfunction – blow out regulators,
Record of operation pressures – during and after operations to detect and mitigate the inevitability of leaks
Record of radiation - Geiger counter for radioactive materials brought up from the shale formation
Record of seismic activity – historic, pre-drilling, during drilling, after drilling and quarterly.
Record of truck mileage, route frequency, and hours of operation
Schedule of venting – scheduled venting/flaring dates and times to warn neighbors of potential respiratory damage and time to avoid being outdoors

Trust is the reason for the cultural rebirth in local and organic agriculture over conventional alternatives. All consumers value the end product but smart consumers appreciate the process by which the product has been produced. As consumers of energy, the same appreciation of the 40 year hydraulic fracturing process applies. Just as consumers’ trust has been earned through the transparency of both local and organic food producers over time – Boulder County Producers wish to give the same opportunity to the oil and gas companies.

Boulder’s ability to renew itself is a testament to our rich culture. Not since, the still visible, mining operations of 100 years ago has Boulder County relied on resource extraction to maintain or build upon our quality of life. Please write our current and future County Commissioners, State Representatives, and Senators promptly to explain why the continued violation of the public’s trust and Boulder’s culture can not be cheaply sold for the short term profits the oil and gas industry is able to deliver.

Ask yourself, what does it mean to call Boulder County home? Would it change with 1800 wells?

1. 63rd St. Farm –
   Gunbarrel, CO.
2. Abbondanza Organic Seeds & Produce –
   Longmont, CO.
3. Asher Brewing Company –
   4699 Nautilus Ct
4. Aspen Moon Farm -
   8020 Hygiene Rd
   Longmont, Co. 80503
5. Arugula Bar e Ristorante –
   2785 Iris Ave.
   Boulder, CO. 80304
6. Awe-Struck Outdoors –
   Boulder County, CO.
7. The Barefoot Baker -
   1691 Holeman Dr. Erie, CO. 80516
8. B Bar and S Ranch –
   Nederland, CO.
9. Black Cat Farm - 5093 Nelson Rd. Longmont, CO. 80503
12. Blair's Herbals - 2205 Emerald Rd. Boulder CO 80304
13. Bonavida Growers - 10729 Airport Rd. Longmont, CO 80503
14. Boulder County Beekeepers' Association - Boulder County, CO.
15. Briar Gate Farm - 11227 N. 66th St. Longmont, CO 80503
16. Bukor Apiaries - Longmont, CO 80501
17. Chiporro Sauce Co. - Boulder, CO.
18. Colterra - 210 Franklin St. Niwot, CO 80544
20. Doctor D's Sparkling Water Kefir - 686 S. Taylor Ave Louisville, CO. 80027
21. FoodShed Productions - 923 Alta St. Longmont, CO. 80501
22. Foremother Foods - 4745 Walnut St. Boulder, CO. 80301
23. Free Power Systems - 10790 N. 49th St. Longmont, CO 80503
24. Frog Belly Farm - 5255 Rogers Rd. Longmont, CO. 80503
25. Green Homebase Solutions - Boulder CO.
26. HandleBar Coffee Co. - 4213 Florentine Dr. Longmont, CO. 80503
27. Harlequin's Gardens - 4795 N. 26th St. Boulder, CO. 80301
28. Heavenly Cow Compost - Boulder County, CO.
29. Highland Honey Bees - Boulder County, CO.
30. Julia's Kitchen Bakery and Cafe - Boulder, CO.
31. Kilt Farm - Boulder County, CO.
32. Lone Hawk Farm - 10790 N 49th St. Longmont, CO 80503
33. McCauley Family Farm - 9421 N. 49th St. Longmont, CO 80503
34. Nancy Wheely - 232 Wadsworth Cir. Longmont, CO. 80504
35. New Beat Foods - PO Box 2440 Longmont, CO. 80501
36. Niwot Hop Farm - Niwot, CO.
37. Ollin Farms - 8627 N. 95th St. Longmont, CO. 80504
38. Oxford Gardens - Niwot, CO.
39. Ozuké - 1208 Commerce Court Lafayette, CO. 80026
40. Pachamama Farm - 10771 N. 49th St. Longmont, CO. 80503
41. Pastures of Plenty - Longmont, CO.
42. Plowshares Community Farm -
43. Rocky Mountain Fresh - 5555 Ute Hwy. Longmont, CO. 80503
44. SALT the bistro - 1047 Pearl St. Boulder, CO 80302
45. Sagescripts Institute - Longmont, CO.
46. Second Start Community Garden - 11th and Baker St. Longmont, CO. 80501
47. Stonebridge Farm - 5169 Ute Hwy Longmont, CO. 80503
48. Sol y Sombra Farm - 11971 N. 75th St. Hygiene, CO. 80503
49. Tangerine - Breakfast/Brunch/Lunch 2777 Iris Ave. Boulder, CO. 80304
50. The Barefoot Baker - Lafayette, CO. 80027
51. The Kitchen Community - 1980 8th St. Boulder, CO. 80302
52. The Kitchen - 1039 Pearl St., Boulder, CO. 80302
53. The Kitchen Next Door - 1035 Pearl St. Boulder, CO. 80302
54. The Kitchen Upstairs - 1039 Pearl St. Boulder, CO. 80302
55. Three Leaf Farm - 445 S. 112th St., Lafayette, CO. 80027
56. The Boulder Dushanbe Teahouse – 1770 13th St. Boulder, CO 80302
57. Leaf Vegetarian Restaurant – 2010 16th St. Boulder, CO 80302
58. Aji Latin American Restaurant – 1601 Pearl St. Boulder, CO 80302
59. The Naropa Cafe – 2130 Arapahoe Ave. Boulder, CO 80302
60. The Huckleberry – 700 Main St. Louisville, CO 80027
61. Zucca – 808 Main St. Louisville, CO 80027
62. The Chautauqua Dining Hall – 900 Baseline Rd. Boulder, CO 80302
63. Tungsten Toffee – Nederland, CO 80466
64. WeeBeeFarms - 5933 Galcta Rd. Longmont, CO 80503
65. Yatalah Gardens - 6870 Nelson Rd. Longmont, CO 80503
66. Zweck's Fresh – 10901 Airport Rd. Longmont CO 50503
67. SHAMAIN'S BAKE SHOPPE - 2825 U.S. Colloa. Pl. #800 Boulder, CO 80004
68. BASTA - 8001 ARAPAHOE AVE. Boulder, CO 80303
69. THE LYONS FARMETTE 44121 U.S. HIGHWAY 314 Lyons, CO 80538

...
Good Evening commissioners,
My name is August Millar
I live at 923 Alta St. Longmont, CO. 80501

On behalf of a growing body of producers and purveyors, which derive their livelihood from Boulder County lands, I'm here to express our reasonable request for the extension of Boulder County’s moratorium on fracking to protect the precious land our food culture depends upon from the inherent risks posed by fracking. The producers in Boulder County will be the first confronted by oil and gas hazards if the county’s moratorium on fracking is lifted. This declaration and appeal is inclusive of producer membership and local business relations to save our land for future stewards and to not duly jeopardize the health of our co-workers, families, and all those who enjoy Boudler County's foodshed.

I am humbled to be standing here on behalf of the following organizations, the family members and employees they provide food for, and the conservative estimate of million dollars that is recirculated in Boulder's expanding food economy each year. While tangibly, this may seem a paltry sum in comparison to the promises of Oil and Gas short-term wealth, intangibly the long-term attractiveness of Boulder's: culture, landscapes, and quality of life has no price and is born of and by the following organizations:

1. 63rd St. Farm
2. Abbondanza Organic Seeds & Produce
3. Asher Brewing Company
4. Aspen Moon Farm
5. Arugula Bar e Ristorante
6. Awe-Struck Outdoors
7. B Bar and S Ranch
8. Black Cat Farm
9. Black Cat Bistro
10. Bramble & Hare
11. Blair's Herbals
12. Bonavida Growers
13. Boulder County Beekeepers'
Association
14. Briar Gate Farm
15. Chiporro Sauce Co.
16. Colterra
17. Deep Nutrition Farm
18. Doctor D's Sparkling Water

Kefir
19. FoodShed Productions
20. Foremother Foods
21. Free Power Systems
22. Frog Belly Farm
23. Good Day Chocolate
24. HandleBar Coffee Co.
25. Harlequin's Gardens
26. Heavenly Cow Compost
27. Highland Honey Bees
28. Julia's Kitchen Bakery and Cafe

Cafe
29. Bukor Apiaries
30. Kilt Farm
31. La Joyia Farm
32. Lone Hawk Farm
33. McCauley Family Farm
34. Nancy Wheeley
35. New Beat Foods
36. Niwot Hop Farm
37. Ollin Farms
38. Oxford Gardens
39. Ozuké
40. Pachamama Farm

41. Pastures of Plenty
42. Plowshares Community Farm
43. Rocky Mountain Fresh
44. Sagescripts Institute
45. SALT the bistro
46. Second Start Community Garden
47. Stonebridge Farm
48. Sol y Sombra Farm
49. Tangerine – Breakfast/Brunch/Lunch
50. The Barefoot Baker
51. The Kitchen
52. The Kitchen Next Door
53. The Kitchen Upstairs
54. Three Leaf Farm
55. The Boulder Dushanbe Teahouse
56. Leaf Vegetarian Restaurant
57. Aji Latin American Restaurant
58. The Naropa Cafe
59. The Huckleberry,
60. Zucca
61. The Chautauqua Dining Hall
62. Tungsten Toffee
63. WeeBeeFarms
64. Yatahau Gardens
65. Zweck's Fresh
66. Shamaune's Bake Shoppe
67. The Community Kitchen
68. Altona Grange

Is anyone else hungry?

In 97' with the development of slick water technologies the practice of hydraulic fracturing became economically viable. The Oil and Gas industry on a national level can have no experience greater than 17 years with this technology, in
Colorado their experience is understandably less. As the Niobrara shale formation being exploited traverses at least 9 of Colorado's County's and Weld boasts close to 21,000 wells, there is ample opportunity to establish a intelligent baseline for monitoring and evaluation standards for future regulation - in other counties - and if proven safe.

There is no rush to exploit the mineral rights. With time; the value of the mineral rights stands to increase, the extraction methods and procedures will have more time to mature and provide objective, scientific proof that such methods are truly safe for: the land that supports us, the people living in close proximity, and Boulder County's future economic health. Most importantly - the gas industry will have the opportunity to earn our trust: by accepting the burden of proof as organic farmers do, by paying for 3rd party monitoring.

A sample size of 40 existing wells per operator, lasting for the duration of their operational life cycle (or 40 years), for example, in Weld County alone would only account for approximately 3.8% of the county's existing wells. The following itemized list of 3rd party monitoring would allow oil and gas science to work with data, as opposed to current theoretical projections, while addressing our reasonable social, environmental, and economic inquiries.

Environmental Health
  - Record of displaced agriculture – vehicle access and well pad
  - Record of emissions - ground level air pollutants including, but not limited to: benzene, ethyl benzene, methane, ozone, silica dust, toluene, and xylene
  - Record of ground level spills and leaks – within and beyond containment
zones – including use, quantity, composition, and location of fracking fluids: as a dust suppressant and in open evaporation pits.

- Record of ground water contamination and migration – ground water testing: historic, pre-, during, after drilling, and quarterly thereafter.
- Record of incidence and effect of animal poisoning – death, birth defects, disease, and contamination of animal proteins in America’s meat supply.

Economic Health

- Record of change in tourism – as a food destination how will operations impact Boulder County restaurants, farms, local markets, and parks and recreation.
- Record of direct local employment per year
- Record of gas point of sale and direct beneficiaries
- Record of gas extraction per operation
- Record of industry investments in renewable energy – as a bridge fuel, what is the industry’s exit strategy?
- Record of infrastructure degradation/improvements – roads and bridges
- Record of mineral rights value by year
- Record of land rights holder compensation
- Record of new technologies, their application, and effect.
- Record of real estate values and deferred local investments
- Record of water cost/per acre foot

Social Health

- Record of health care costs to families – inclusive of existing industry nondisclosure agreements and ongoing respiratory, dermatological, gastrointestinal, neurological, and endocrine related hospitalizations.
- Record of human error – driver spills/accidents and poor cement jobs on well casings.
- Record of instrumentation/technological malfunction – blow out regulators
- Record of operation pressures – during and after operations to detect and mitigate the inevitability of leaks
- Record of radiation - Geiger counter for radioactive materials brought up from the shale formation
- Record of seismic activity – historic, pre-drilling, during drilling, after drilling and quarterly there after.
- Record of truck mileage, route frequency, and hours of operation
- Schedule of venting – venting/flaring dates and times to warn neighbors of potential respiratory damage and time to avoid being outdoors

Trust is the reason for the cultural rebirth in local and organic agriculture over conventional alternatives. All consumers value the end product but smart consumers appreciate the process by which the product has been produced. As consumers of energy, the same appreciation of the 40 year hydraulic fracturing process applies. Just as consumers' trust has been earned through the transparency of both local and organic food producers over time – Boulder County Producers wish to give the same opportunity to the oil and gas companies.

Boulder’s ability to renew itself is a testament to our rich culture. Not since, the still visible, mining operations of 100 years ago has Boulder County relied on resource extraction to maintain or build upon our quality of life. The continued violation of the publics' trust and Boulder’s culture can not be cheaply sold for the short term profits the oil and gas industry is able to deliver.
We have risen up in YOUR greatest time of need, Commissioners. Don't let us fall down. Make history! The pyrrhic victory in this case, is yours to bare as our elected representatives but remember you have no where to fall as we are behind you. Be courageous! Break this pattern of domestic violence! You have on your plate a rare opportunity to make history, to literally be part of it, to become as close to immortal as any human could ever dream – that is - being remembered. However, above all else right and after your decision Thursday, remember the burden, our home, our culture - is ours to share.

Now, ask yourself, what does it mean to call Boulder County home? Would it change with 1800 wells on your home's landscape?
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

[Date]
November 7, 2014

Joan Muffy

8044 Centrebrige Dr. Niwot Colorado

To the Boulder County Commission,

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

As your constituent, it is important to me and my family that the Boulder County Commission continues 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 2015.

Until a non-biased, science-based study is completed and published regarding the public health and environmental impacts of fracking, oil and gas developments in our county should not occur. Please continue to protect our water, air and public health by extending the moratorium.

Sincerely,

[Signature]

Joan Muffy
To Boulder County Commission,

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

As your constituent, it's important to me and my family that the Boulder County Commission continues to stand up for the health and well-being of our communities. I am writing to ask you to extend the fracking moratorium at least through 2015.

Until a non-biased, science-based study is completed and published regarding the public health and environmental impacts of fracking, oil & gas development in our county SHOULD NOT OCCUR. Please continue to protect our water and public health by extending the moratorium. Don't allow our county to become another guinea pig for the oil & gas industry.

Sincerely,

Elaine O. [Signature]

Nov. 8, 2014
November 7th, 2014
David Henderson
7785 Monarch Rd
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]
November 7th 2014  
Sara Hailey  
7785 Monarch Rd.  
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 continues 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 2015.

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 science pi for the oil and gas industry.

Sincerely,

[Signature]
Nov. 7, 2014

Debbie Murray
303 Estate Circle
Niwot, CO 80503

To: The Boulder County Commission

I would like to personally thank you for your past commitment in protecting Boulder County residents such as myself from the known, as well as unknown, risks of oil, gas & fracking into our soils.

It is important to me that the BCC continues to stand up for the health and welfare of the people who live in our area.

I would like to ask you to extend the fracking moratorium please.

We need more studies on how fracking can impact the health of our youth & its true cost. Please continue to protect us by extending the moratorium.

Deborah A. Murray
303-579-9260
11-03-14
Nathan Byrns
3228 Redstone Ln.

To the Boulder County Commission.

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

As your constituent, it is important to me and to my family that the Boulder County Commission continues 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 2013.

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 guinea pig for the oil and gas industry.

Sincerely

[Signature]
11-4-2014
Justine Irland
2600 Heidelberg Dr.
Boulder Co 80305

To the Boulder County Commissioners,

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 2015.

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 guinea pig for oil and gas industry.

Sincerely,
[Signature]
11/7/2014

To: 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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Kia Arms
6942 Totara Place
Niwot, CO 80503
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 County

TASNIM CHAUDRY
November 7, 2014
Janet Ingvaldsen
7595 Monarch Rd
Niwot, CO 80503

To: Boulder County Commission

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

Please continue to protect our water, air and public health by extending the moratorium.

I am asking you to continue the fracking moratorium until at least 2020.

Sincerely,

[Signature]

Janet Ingvaldsen
11/7/14  
Delaney MacInnes  
7595 Monarch Road, 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 risk of oil and gas development.

As your constituent, it is important to me and my family that the Boulder County Commission continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

Delaney MacInnes
November 7, 2014

Deb Greene Quinn
7641 Monarch Road
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

Deb Greene Quinn
November 7, 2014  
Regis Quinn  
7641 Monarch Road  
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 continues 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 2015.  

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 guinea pig for the oil and gas industry.  

Sincerely,  

[Signature]
November 7, 2014

Keith Nichols

7647 Estate Circle

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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

Keith Nichols
November 7, 2014

Tracey Nichols

7647 Estate Circle

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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Tracey Nichols
November 7, 2014

Ursula Mueller
7698 Estate Circle, 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 continues 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.

Please take note that many European countries do NOT allow fracking, due to the well-known public health risks and negative environmental impacts that are involved with this type of oil and gas exploration. Read those studies and take note that fracking is a threat to everyone’s health as well as to the environment. Please continue to protect our water, air, and public health by extending the moratorium. Don’t allow our county to become another guinea pig for the oil and gas industry.

Sincerely,

[Signature]
November 5, 2014

Mary Jolly
6816 Audubon Ave
Niwot, CO 80503

To the Boulder County Commission,

Thank you for your commitment to protect residents from the known risks of oil and gas development. It is important to my family and me, a hydrogeologist, that the County Commission stand up for the health and well-being of our community. Please extend the fracking moratorium. Until a non-biased science based study is completed and published in a peer reviewed journal regarding the public health and environmental impacts of fracking, oil and gas development in our country should not occur. Please protect our water, air and health by extending the moratorium.

Sincerely,

Mary H. Jolly, P.G.
To: Bldr. Co. Commissioners:

Thank you for your commitment over the last few years to protecting Bldr. Co. residents from the known risks of oil & gas development.

As your constituent, it is important to me and my family that the Bldr. Co. Commission continues to stand up for the health & well-being of our community.

I am writing to ask you to extend the fracking moratorium at the very least through 2015.

Until a non-biased, science-based study is completed and published regarding the public health & environmental impacts of fracking, oil and gas development in our county should not occur. At the very least, our children’s health & well-being should be our very first priority. Please continue to protect our water, air, and public health by extending the moratorium. Don’t allow our county to become another guinea pig for the oil and gas industry.

Sincerely,

Talitha Butterfield
2650 Juilliard St
Boulder, CO 80305
November 4, 2014

To the Boulder County Commission,

I write today to ask you to extend the fracking moratorium for as long as possible. I am concerned about the health and well-being of our communities.

Please continue to protect our water, air and public health by extending the moratorium. Please don’t allow the deep pockets of the oil and gas industry to buy their way into the county.

Thank you.

Sincerely,

[Signature]
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 continues 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 2015.

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 country should not occur. Please continue to protect our water, air, and public health by extending the moratorium. Don’t allow our country to become another Guinea pig for the oil and gas industry.

Sincerely,

Cathy Hayes
November 4, 2014

M. Eckford
Boulder, CO

To the Boulder County Commission,

I am writing to ask you to extend the fracking moratorium at the very least through 2015.

Sincerely,

[Signature]
11/4/2014

Steven Levy
3230 Longwood Ave.
Boulder, Co. 80305

To the Boulder County Commission,

Thank you for your commitment over the last few years 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 continues 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 2015.

Until a non-biased, science-based study is completed and published regarding 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 guinea pig for the oil and gas industry.

Sincerely,

Steven Levy
11/4/2014

Athena Levy
3230 Longwood Ave.
Boulder, Co. 80305

To the Boulder County Commission,

Thank you for your commitment over the last few years 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 continues 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 2015.

Until a non-biased, science-based study is completed and published regarding 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 guinea pig for the oil and gas industry.

Sincerely,

Athena Levy
11/4/14

Patricia Billig
3390 Longwood Ave.
Boulder, CO 80305

To the Boulder County Commissioners,

Thank you for your previous leadership in protecting Boulder County residents from the known risks of oil and gas development in semi-urban environments. As your constituent and an environmental toxicologist with over 30 years of experience addressing environmental contamination in both the surface and subsurface environment, I am well aware of the risks, both known and unknown, that can accompany fracking.

There is no pressing economic or business need for fracking to occur anywhere near communities. Please extend the fracking moratorium, that you so wisely put in place, for at least another year until more reasonable regulations can be developed and the rights of municipalities and counties are recognized.

Sincerely,

[Signature]

Patricia Billig
11/4/14
Holly Semanske
3895 Longwood Ave

To The Boulder City Commission,

Thank you for your commitment over the last few years to protecting Boulder city 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 stands up for the health & well being of our communities. I am writing to ask you to extend the moratorium at the very least through 2015.

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 guinea pig for the oil and gas.

Sincerely,

Holly Semanske
November 4, 2014

Jeff Mullikin
3895 Longwood Ave.
Boulder, CO 80305

To 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 health and well-being of our communities. I am writing to ask you to extend the fracking moratorium at the very least through 2015, 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 guinea pig for the oil and gas industry.

Sincerely, Jeff Mullikin
4 November 2014

John Gille
1730 Ithaca Drive
Boulder, CO 80305

To the Boulder County Commission,

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

As a citizen of Boulder, it is important to me and my family that the Commission continues to stand up for the health and well-being of our community. I am writing to ask you to extend the fracking moratorium, at the very least through 2015.

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 air, water, and public health by extending the moratorium, while encouraging the further development of renewable energy. Don’t allow our county to become another guinea pig for the oil and gas industry.

Sincerely,

John Gille
11/4/2014

Melissa Serdinsky
2645 Iliff Street
Boulder, CO 80305

To the Boulder County Commissioner

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 Boulder County Commission continues 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 2015.

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 air, water, and public health by extending the moratorium. Don’t allow our county to become another guinea pig for the oil and gas industry.

Sincerely,

Melissa Serdinsky
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 my family that Boulder County Commission continues 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 2015.

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, 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 guinea pig for the oil and gas industry.

Thanks for what you do

-Fiona-
11/4/14

Molly Sacamano
3794 Telluride Lane
Boulder CO 80305

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.

It is important to me and my family that the Boulder Commission continues to stand up for the health and well-being of our communities. Please extend the fracking moratorium at the very least through 2015.

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.
11/4/14
Dave Laub
3178 Cripple Creek Trl
Boulder CO 80305

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 my family that the Boulder County Commission continues 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 2015.

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 country should not occur. Please continue to protect our water, air, and public health by extending the moratorium. Don’t allow our country to become another guinea pig for the oil and gas industry.

Sincerely,
[Signature]
To the Boulder County Commission,

I really appreciate your concern and commitment to all the Boulder County residents in helping to keep our air, water, and land clean! The current fracking moratorium has helped to protect us from known risks of oil & gas development.

As a healthcare provider (RN) I strongly encourage the Boulder County Commission continue to stand up for the health & well-being of our communities. Therefore I am writing to ask you to extend the fracking moratorium at a minimum through 2015 or longer if possible.

More research is needed that is science-based & non-biased that shows a causal or non-causal effect of public health & environmental impacts from fracking. Until this is completed & published for public knowledge, oil & gas development in Boulder County should not occur.

I urgently ask you to please continue to protect our precious resources—water, air, & general health of our community by extending the moratorium. Our health & our environment is at a huge risk. Please continue to protect them!!

Sincerely,

Mary Ann Davies, RN, B.S.N.
11/4/14
James Swartz
3522 Smugler way

To the Boulder County Commission,
Thanks for your commitment over the last few years to protecting Boulder residents from the danger of fracking and all it entails. I am writing to ask you to extend the fracking moratorium at the very least through 2015.

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 keep protecting our water, air, and preservation of our public health by extending the moratorium. We aren't and shal not be guinea pigs for the oil and gas industry.

Sincerely

James Swartz
11-4-2014
Robin Allegra
3515 Smuggler C.
Boulder CO 80305

As your constituent it is very important to me and my family that the Boulder County Commission continues to protect the health of our community. I am writing to ask you to extend the fracking moratorium.

Please continue to protect our water, air, and public health while we continue to pursue non-biased scientific research regarding the environmental effects of fracking.

Sincerely,

Robin Allegra
November 3 2014
Ana Lamarque
3850 Telluride Pl
Boulder CO 80305

To the Boulder County Commission,

I appreciate your commitment over the last few years to protecting Boulder County residents from the risks of oil and gas development.

It is important to me and my family that the Commission to stand up for the health and well-being of our communities. I am writing to ask you to extend the fracking moratorium through 2015.

Until an impartial scientific study is published regarding the public health and environmental impacts of fracking, oil and gas development should be halted. Please continue to protect our water, air and public health by extending the moratorium.

Sincerely,

Ana Lamarque
November 4, 2014

To the Boulder County Commission,

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 tracking moratorium at the very least through 2015.

Sincerely,

Eve Kilmer

Eve Kilmer
11/3/14
Alex Chromy
3458 Cripple Creek Sq
Boulder, CO 80305

To the Boulder County Commission,

Thank you for your commitment to protecting Boulder County land and residents from the known and unknown risks of oil and natural gas development during recent years.

As your constituent, it is important to me and my family that the Boulder County Commission continues to stand up for the health and wellbeing of our community. I am writing to ask that you extend the fracking moratorium at the very least through 2015.

Until a non-biased, science-based study is completed and published regarding the public health and environmental impacts of fracking, oil and natural gas, we should not allow the development of these industries to occur. Please continue to protect our water, air, and public health by extending the moratorium. Please do not allow our county to become another guinea pig for the oil and gas industry.

Sincerely,

Alex Chromy
TO Boulder County Commission,

thank you for your commitment to protecting Boulder County residents from risks of oil and gas development.

As your constituent, it is important to me and my family that the Boulder County Commission continues to stand up for our communities. I am writing to ask you to extend the fracking moratorium at the very least through 2015.

Sincerely,

[Signature]
November 3, 2014
Claudia Cardozo
3471 Cripple Creek Sq
Boulder, CO 80305

To the Boulder County Commission,

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

It is important that the Boulder County Commission continues to insure the health and well-being of our communities. I am writing to ask you to extend the fracking moratorium through 2015 or longer.

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.

Sincerely,

Claudia Cardozo
November 1, 2014
Josh Schlossberg
3395 Cripple Creek Tr.
Boulder CO 80305

Boulder County Commission:

Please extend the fracking moratorium through 2015 to allow locals the chance to reorganize after the disappointing compromise that took away our chance to vote on the topic.

A moratorium is the least of the actions that must occur for citizens to regain faith in their elected officials and the democratic process.

Ultimately, a ban on the extraction of natural gas and any form of energy that pollutes our air, water and climate, must be enacted. But, until then, a moratorium should be the County Commission’s first order of business.

Josh Scholl

[Signature]
3 November 2014

Piper Murray  
3327 Cripple Creek Tr.  
Boulder, CO 80305

To the Boulder County Commission,

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

As your constituent, it is important to me and to my family that the Boulder County Commission continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,  

Piper Murray
November 3, 2014

Rachel Wynn
3323 Cripple Creek Trail
Boulder, CO 80305

To the Boulder County Commission,

Thank you for your commitment to protecting Boulder County residents from the risks associated with oil and gas development.

As your constituent and a healthcare professional (speech-language pathologist specializing in neurogenic conditions and cognitive function), I want to see a fracking moratorium.

Let’s take a look at a few of the chemical associated with hydraulic fracturing:

• Benzene affects the neurological system by causing fatigue, headaches, unconsciousness, and convulsions.
• Ethylene glycol (aka antifreeze) is a known neurotoxin.
• Lead is a known neurotoxin.
• Phenol causes systemic dysfunction including neurological dysfunction.
• Toluene is a known neurotoxin and causes fatigue, headaches, nausea, and unconsciousness.

This is a brief summary of chemicals associated with hydraulic fracturing and the neurological affects. The neurologic affects are of great concern to me, because I work with people who have neurological conditions. Please see the New York State American Academy of Pediatrics http://nysaap.org/update-on-hydrofracking/ website for more information about the harmful affects of the chemicals used in hydraulic fracturing.

But really, what is the concern with a little nausea or headaches? These are small symptoms of affects on the whole body. It’s the canary in a coalmine. I am really concerned with the affects of these chemicals over time.

Several years ago I evaluated a young woman (21-years-old). She was a college student and experiencing some confusing symptoms (to her). After my evaluation, I promptly referred her to a neurologist for a full workup. I suspect that she had a brain tumor, which was caused by consistent exposure to harmful chemicals where she grew up. At 21-years-old and in college, the world should be full of promise. Your world should not be fighting brain cancer.

Please stop hydraulic fracturing. Please protect your constituents.

Sincerely,

[Signature]

[License # CCC-SLP]
11-7-2014
Wanda Pearson
8175 Cambridge Dr Ncolo 8053

To The Boulder County Commissioners:

We ask that you continue to protect the Boulder County residents from the dangers of oil and gas development in our back yards.

Please extend the fracking moratorium at the very least through 2016.

Please continue to protect our water, air, soil and public health.

The gas and oil industry has ignored studies that show an increase in illness and death in areas with oil and gas development. While the cause and effect is determined through science, the presence of these higher levels of health issues should bring caution. Do not look to the oil and gas industry for guidance. They are only after profit.

We can have irreparable harm through fracking. Please prevent this.

Wanda Pearson
November 3rd, 2014

Sharon Spuler
3365 Cripple Creek Jr
Boulder CO 80305

Thank you in advance to the Boulder County Commission,

for your commitment to protecting Boulder County residents from the known risks of oil and gas development these past few years.

I am writing to ask you to extend the fracking moratorium at the very least through 2015.

Please continue to protect our water and public health by extending the moratorium until a non-biased science-based study is completed and published regarding the public health and environmental impacts of fracking and gas development. Let our county not become another guinea pig for the oil and gas industry.

Sincerely,

Sharon Spuler
11-4-14

Harvey Wellman
3400 Kangaroo Ave.
Boulder CO 80305

Dear Boulder County Commission,

I am writing to ask you to extend the fracking moratorium at the very least through 2015.

Please continue to protect our water, air, and public health.

Respectfully,

Harvey Wellman
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Maia Kamerling
11/5/2014
Carol Toensing
8902 Comanche Rd, Niwot
80503

to the Boulder County Commission,

Thank you for protecting Boulder County over the years. As your constituent, it is important for me and my family that the Commission continues to stand up for the health and well-being of our communities. I am writing to ask you to extend the fracking moratorium through 2015.

Oil & Gas development in our country should not occur until there is a non-biased, government commissioned public health study detailing the effects of drilling in our communities.

Please continue to protect air, land, and water in our community by extending the Moratorium. 

Sincerely,
Carol Toensing
November 7, 2014

William L. Most
7947 Countryside Dr. 101
Pivot, CO 80544

As a resident of Pivot, Colorado, I recognize the importance of the development of energy sources for Boulder County.

I am concerned about the push to produce oil & natural gas with the uncertain & risky nature of hydraulic fracturing. This technology is bound to have long term impacts on the stability and sustainability of the environment.

I appreciate efforts to challenge the industry to provide evidence that fracking is safe. I urge the commission to also challenge the energy sector to respect the will of the people and find the willingness to pursue other less destructive forms of energy production.

William L. Most
Nov 6, 2014
Wilma Rivera
7598 Estate Circle
Newot, 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 & gas development.

As your constituent, it is important to me and my family that the Boulder County Commission continues to stand up for the health & well being of our communities. I am writing to ask you to at least extend the fracking moratorium at the very least through 2015.

Until a non-biased scientific-based study is completed & published regarding the public health and environmental impacts of fracking, oil & gas development in our county should not occur.

Please continue to protect our water, air and public health by extending the moratorium.

Do not allow our county to become another guinea pig for the oil & gas industry.

Your Sincerely, Wilma Rivera
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 continues 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 2015.

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 country should not occur. Please continue to protect our water, air, and public health by extending the moratorium. Don't allow our country to become another guinea pig for the oil and gas industry.

Sincerely,

Angela Resnoworthy
November 4, 2014
Michelle Lamb
2525 Arapahoe Ave.
Ste. E4 - 521
Boulder, CO 80302

To the Boulder County Commission,

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

As your constituent, it is important to me & my family that the Boulder County Commission continues to stand up for the health & well-being of our communities. I am writing to ask you to extend the fracking moratorium at the very least through 2015.

Until a non-biased, science based study is completed & published regarding the public health and environmental impacts of fracking, oil & 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 guinea pig for the oil/gas industry.

Sincerely,

Michelle Lane
11/7/14
Maybelle Elahul-Pres
1634 Nokau 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 commitment, it is important to me and to my family that the Boulder County Commission continues 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 2015 until a non-biased, science-biased 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 Guinea pig for the oil and gas industry.

Sincerely,

[Signature]
4/7/14
Peter Pres
7634 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 continues to stand up for the health and well-being of our communities. I am writing to ask you to extend the fracking moratorium at least through 2015.

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 fate, our, and public health by extending the moratorium. Don't allow our county to become another guinea pig for the oil and gas industry.

Sincerely,
11/7/2014

Stephenie Giovanetti
7955 Country Club Dr. #115
Longmont, CO 80503

To the Boulder City Commission:

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

As your constituent, it is important to me that the Boulder City Commission continues to stand up for the health & well-being of our community. I am writing to ask you to extend the fracking moratorium at the very least through 2015 until a non-biased, science-based study is completed and published regarding the public health & environmental impacts of fracking, oil & gas development in our county should not occur. Please continue to protect our water, air, & public health by extending the moratorium. Don't allow our county to become another ghost town for oil & gas.

Sincerely,

[Signature]

Stephenie Giovanetti
November 3, 2014
Connie Hirsch
3558 Smuggler Way
Boulder CO 80305

To Boulder County Commission,

Your protection of Boulder residents from risky oil and gas development techniques is much appreciated.

Please extend your moratorium on fracking until at least the end of 2015.

Thank you.

Sincerely,

Connie Hirsch
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Your Name

Date 11/6/2014
Your Name  Stan Mend
Your Address  8312 Greenwood Dr.

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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Your Name

Date 11/6/2014
Your Name  Stan Mend
Your Address  8312 Greenwood Dr.
Date 11/5/14
Your Name Jeannette Walters
Your Address 8091 Marathon
North CD 80502

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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Your Name

Date 11/5/12
Your Name K. Zadow
Your Address 6763 Camanche
North CD 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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Your Name
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

[Signature]

Sign Your Name
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Your Name

Date 11/4/14
Your Name
Your Address 3750 Concowome

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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Your Name

Date
Your Name
Your Address

Your Name
Your Address
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Your Name

Date

Your Name

Your Address

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.

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Sincerely,

Your Name
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 these past few years.

As your constituent, it is important to me and to my family that the Boulder County Commission continues 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 2015.

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Sincerely,

[Signature]

Date 11-3-14
Your Name Chris Pilleter
Your Address 3300 Cripple Creek Trl 80305

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 continues 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 2015.

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Sincerely, [Signature]

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Sincerely,

[Signature]

Sign Your Name

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Sincerely,

[Signature]

Sign Your Name
Date 11/7/14
Your Name Stacy Mehs
Your Address 887 Topeka Pl.

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 continues 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 2015.

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Sincerely,
Sign Your Name

Date 11/7/14
Your Name Victoria Sherman
Your Address 7558 NIKAI 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 continues 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 2015.

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Sincerely,

Sign Your Name  
Eileen Saunders

Date 11-4-14
Your Name Eileen Saunders
Your Address 37461 Te Wendi Lane
Boulder, CO 80303
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 continues 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 2015.

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 guinea pig for the oil and gas industry.

Sincerely,

Sign Your Name  
John Roberts

Date 10-17-14
Your Name John Roberts
Your Address 7741 N Keau Dr.
Nwot CO 80503
To the Boulder County Commission,
NOV 7, 2014
JOSEPH JACOBS
7701 NIKAY DR. NIWOT CO 80503

DEAR BOULDER COUNTY COMMISSIONERS,

PLEASE SERIOUSLY CONSIDER EXTENDING
THE FRACKING MORATORIUM THROUGH AT
LEAST 2015. THERE JUST DOESN'T SEEM
TO BE ANY LEGITIMATE BINDING
EVIDENCE THAT THIS PRACTICE IS
WHOLLY SAFE. WE MUST
THINK OF THE DISTANT FUTURE AND
NOT ALLOW SHORT TERM SOLUTIONS
FOR THE ENSLAVEMENT WE
CURRENTLY FACE. THERE ARE ALTERNATIVE
SOLUTIONS WHICH SHOULD BE EXPLORED
WITH THE VIGOR THAT FRACKING NOW
ENJOYS. WE MUST THINK 7 GENERATIONS
AHEAD TO HAVE A CLEAR CONSCIENCE.

Sincerely,
Shelley Bassman
3414 Lakeview Cir.
Longmont

11-11-14

Dear Boulder County Commissioners,

I respectfully request that you extend the moratorium on oil and gas development in unincorporated Boulder County for 5 years.

Thank you.

Sincerely,
Shelley Bassman
3414 Lakeview Cir.
Longmont
Nov 7, 2014

Pattie Logan-Olson
1952 Chestbury Dr.
Ni No L, CO 80503

Dear Boulder Commissioners,

Thank you for the moratorium on fracking. I urge you to continue it into 2015 while more studies are done on the health effects of oil and gas drilling.

Sincerely,

Pattie Logan-Olson

11/4/14

Betty Naughton
2965 Tualitin
Boulder 80303

Dear County Commissioners,

Please extend the fracking moratorium.

I have read about many families having health problems related to water issues when there is fracking near their homes. It is not safe enough to allow.

Sincerely,

Betty Naughton
Regarding Moratorium on fracking.

The Amirani family of Newot strongly encourages the BCC to extend the Moratorium until the issue can be studied scientifically and without bias.

Jeff Amirani
6900 Pawnee Way
Newot

11/6/14
11-5-14
Gretchen Salisbury
7168 Overlook Drive
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 continues 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 2015.

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 guinea pig for the oil and gas industry!
11/4/14

Eileen and Gene Taylor
2345 Guilloch St.
Boulder Co 80303

I support the
Moratorium on Fracking
Please extend it to the
following year.

Eileen / Gene
Taylor
11/19/14

MELINDA HELMICK
7786 Nikau Dr.
NiWot, CO 80503

To the Boulder County Commission:
Thank you for protecting Boulder County residents from the harmful effects of fracking. Please continue to stand up for the health and well-being of our communities and extend the fracking moratorium through 2015, at least.

Sincerely,

MELINDA HELMICK
11-4-14

Claudia Doster
3700 Longwood
Boulder, CO

To the Boulder County Commission:

Thanks for your commitment over the years to protecting Boulder County residents from the risks of oil and gas development.

It is important that Boulder County Commission continues to stand up for the health of our communities. I am writing you to ask you to extend the fracking moratorium, at least through 2015.

Until a science based study on the health effects of fracking occurs, please do not allow fracking in Boulder County.
November 4, 2014
Jennifer Whitcomb
2895 Heidelberg Dr., Boulder, CO 80305

To the Boulder County Commission:

Thank you for your service to our community and to your commitment to protecting my family, neighbors, and community from known risks to our health and well being.

I take the time today to write to say how important it is to me, as a parent and as an educator, that the Boulder County Commission
us all. To that end, I respectfully request that you extend the fracking moratorium at least thru 2015.

We all need to know what the long-term impacts of this practice is, and we do not yet have a solid, evidence-based study that can inform wise decisions. Until such scientific is available, please continue to protect the quality of our water, air, and public health by extending the moratorium.

Until we are more informed we must protect our children's health. Thank you for your consideration of
A PICTURE TELLS A THOUSAND WORDS!

IS THIS YOUR VISION FOR BOULDER COUNTY???

NE corner of CR 1 & Hwy 66, right next to Boulder County

Drilling in a Mead Neighborhood 2014

CR 5, Weld County - January 19, 2014

View of Brown Cloud from NCAR Mesa Lab - October 22, 2012 - This is what you are breathing