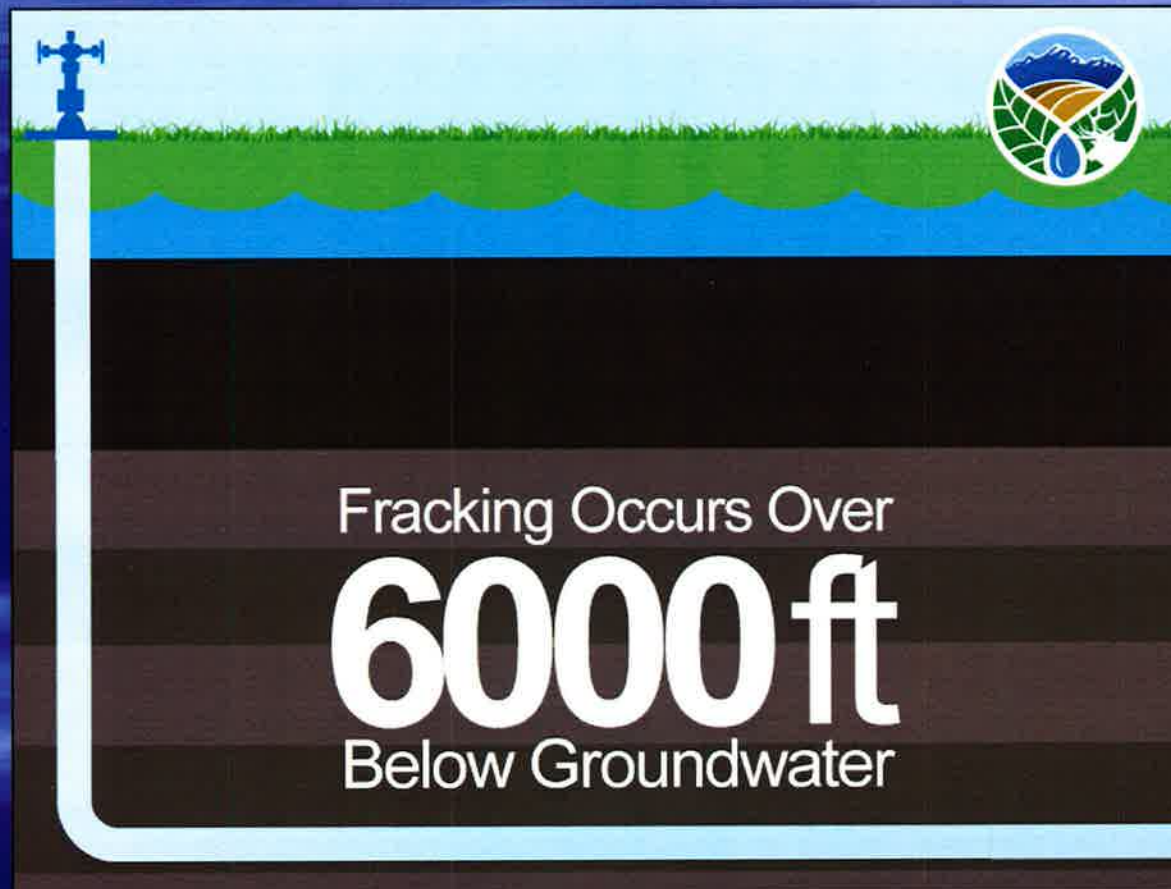
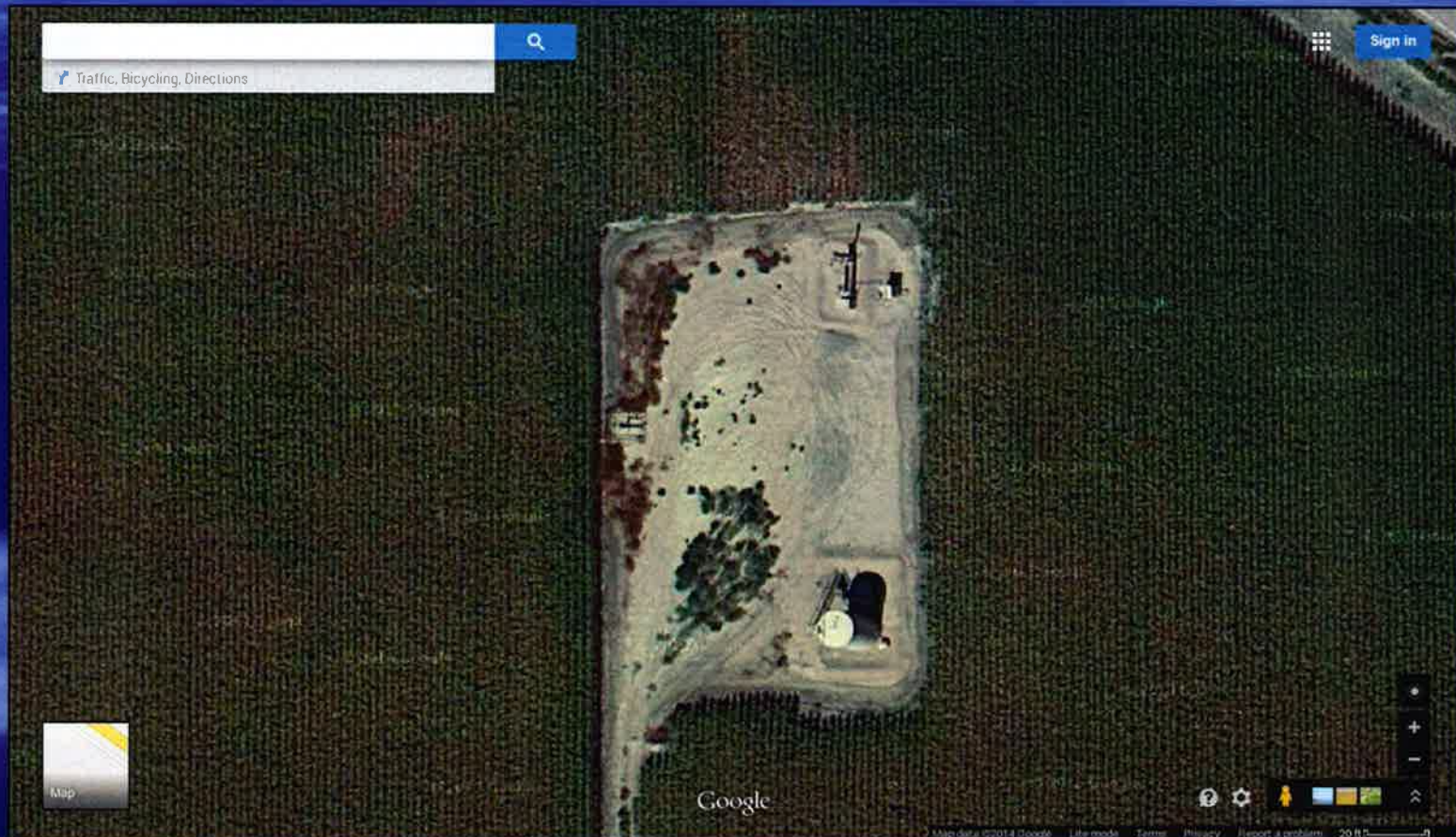


...but what happens “above” ground?



Source: studyfracking.com

# A single well pad... harmless?

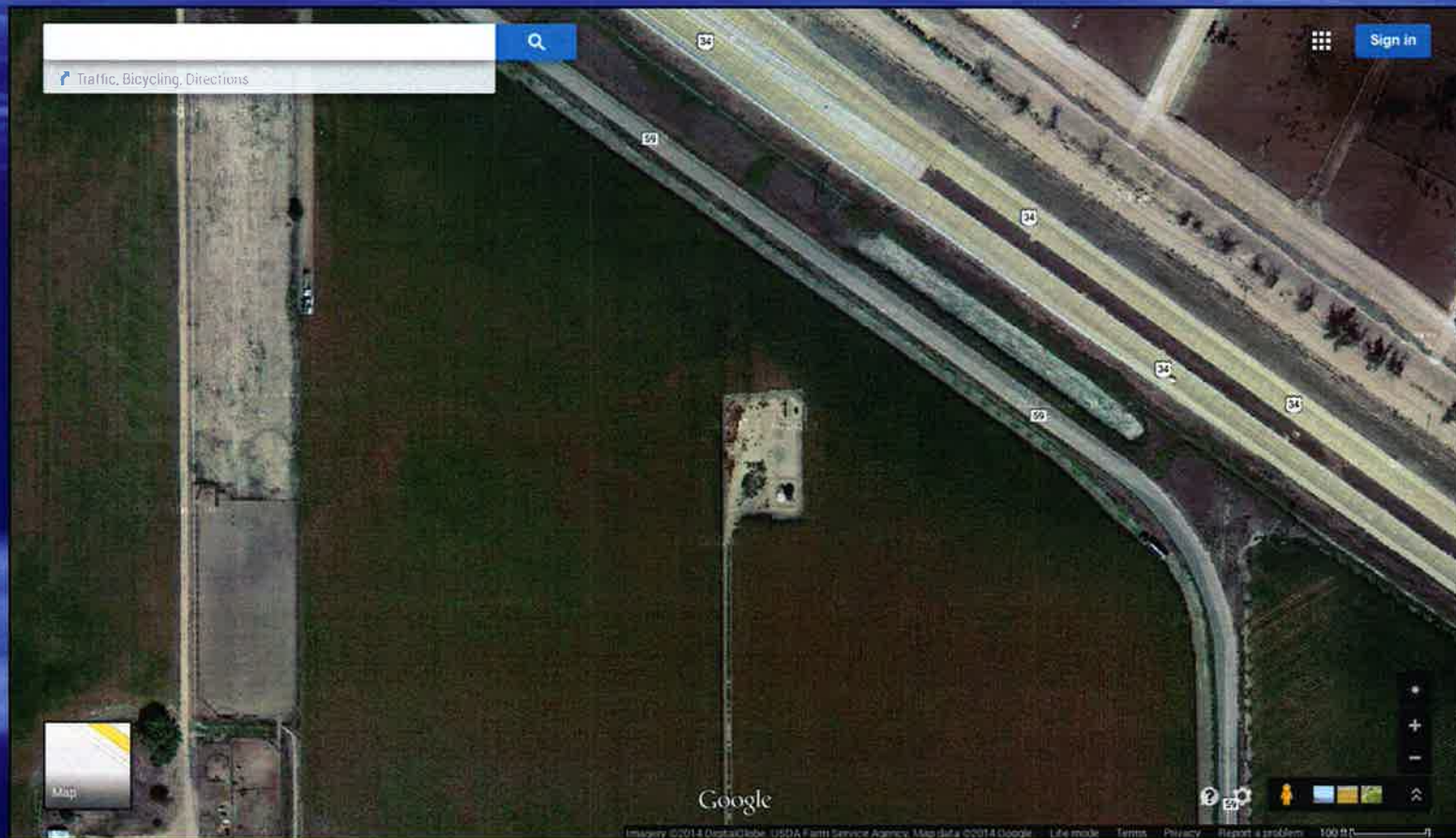


Source: Google Maps

Slide #2

# Same pad, zoomed out

(Notice the cattle feed company in upper right corner)

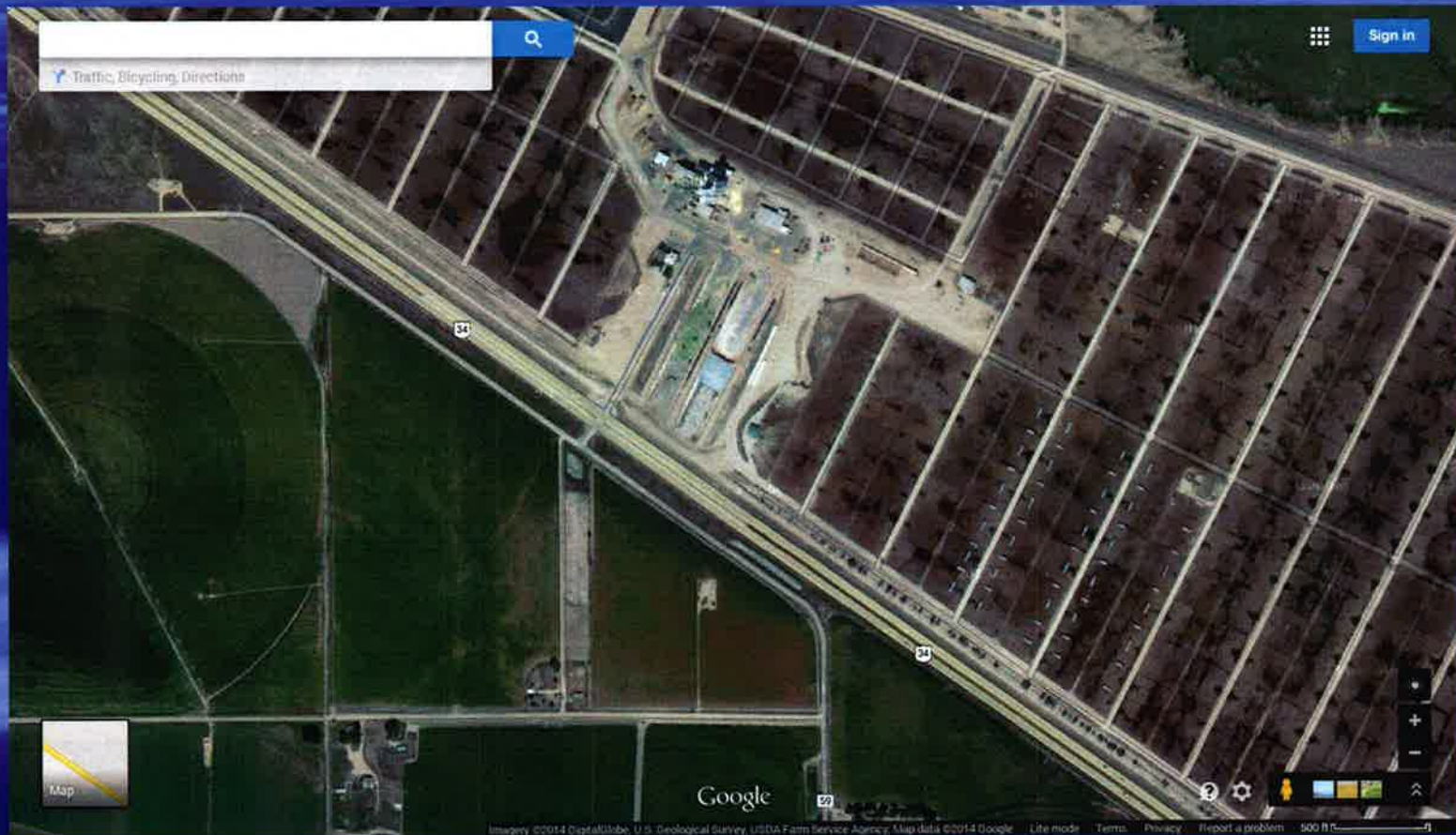


Source: Google Maps

Slide #3

# Same pad, zoomed out.

(Notice the color of the field around the well)

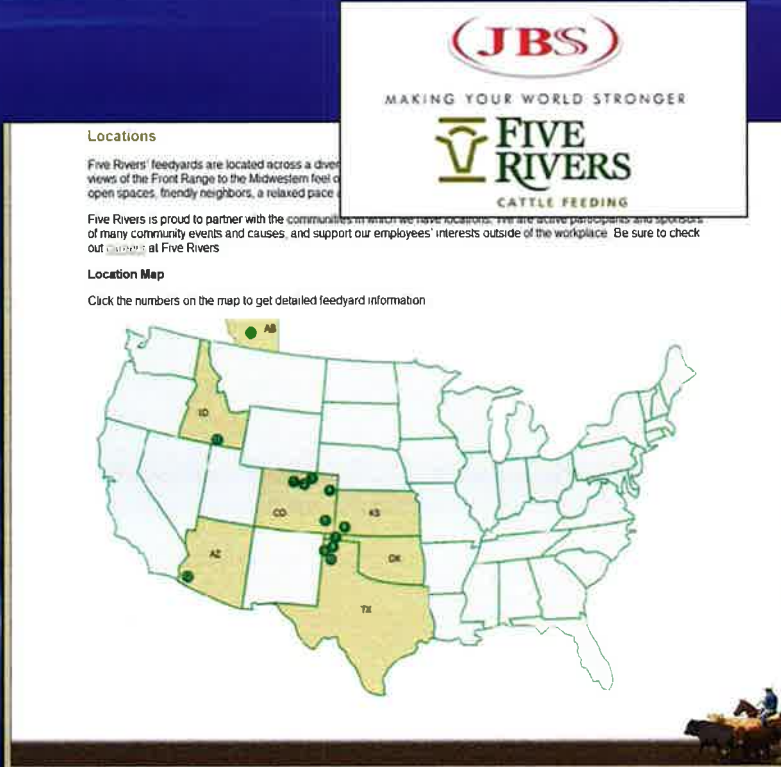


Source: Google Maps

Slide #4

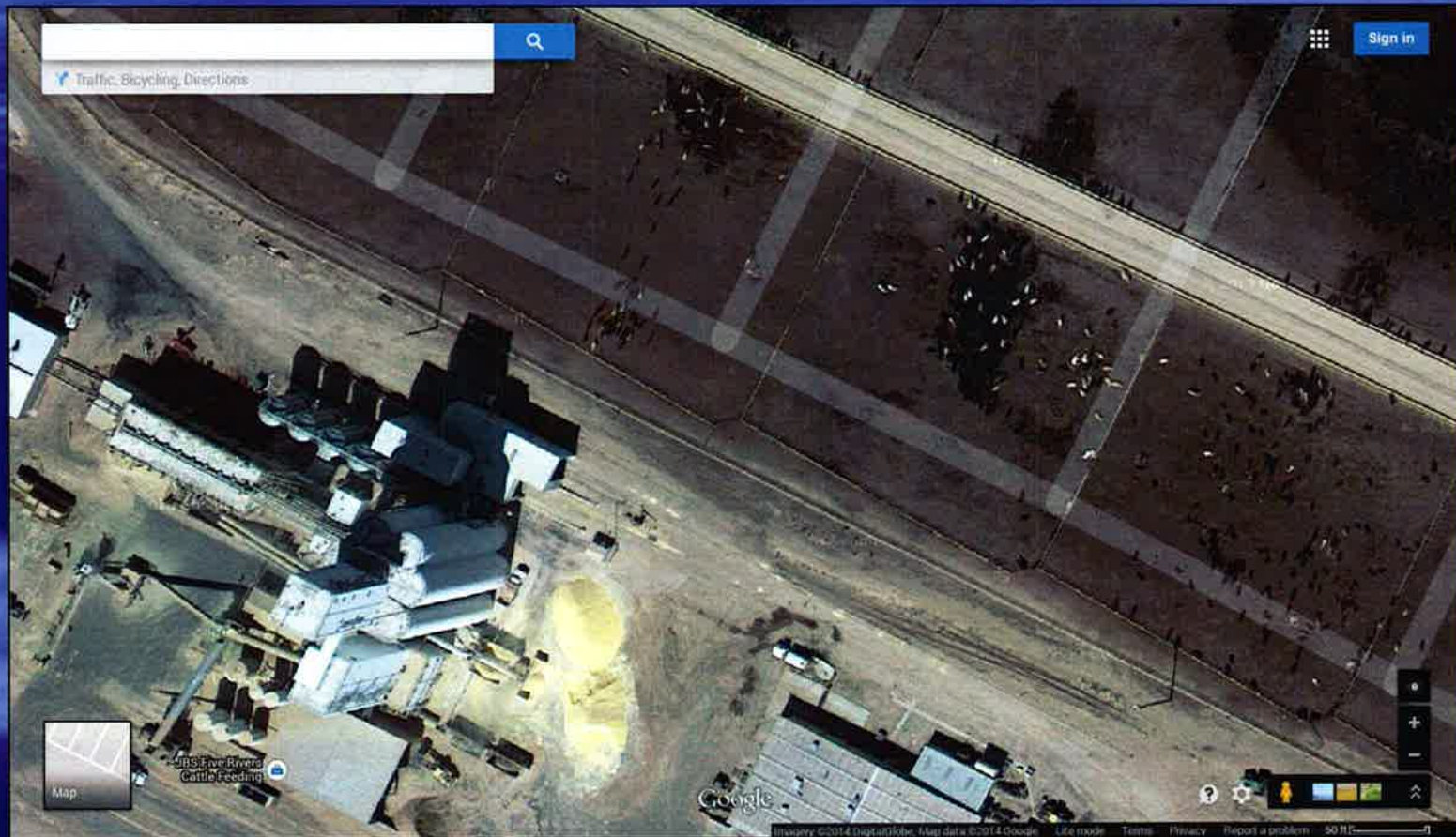
# JBS Five Rivers Cattle Feeding

- 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.



The image displays the JBS Five Rivers Cattle Feeding logo and a location map. The logo features the JBS brand name in a red oval, the tagline "MAKING YOUR WORLD STRONGER", and the "FIVE RIVERS CATTLE FEEDING" logo with a stylized 'V' icon. Below the logo is a map of the United States with several states highlighted in yellow: AB (Alberta, Canada), ID (Idaho), AZ (Arizona), CO (Colorado), KS (Kansas), OK (Oklahoma), and TX (Texas). Green dots on the map indicate the locations of feedyards. Text on the left side of the map area reads: "Locations", "Five Rivers' feedyards are located across a diverse range of views of the Front Range to the Midwestern feel of open spaces, friendly neighbors, a relaxed pace...", "Five Rivers is proud to partner with the communities in which we have locations. We are active participants and sponsors of many community events and causes, and support our employees' interests outside of the workplace. Be sure to check out [what's on](#) at Five Rivers.", "Location Map", and "Click the numbers on the map to get detailed feedyard information". A small image of a person riding a horse is visible in the bottom right corner of the map area.

# JBS Five Rivers Cattle Feeding

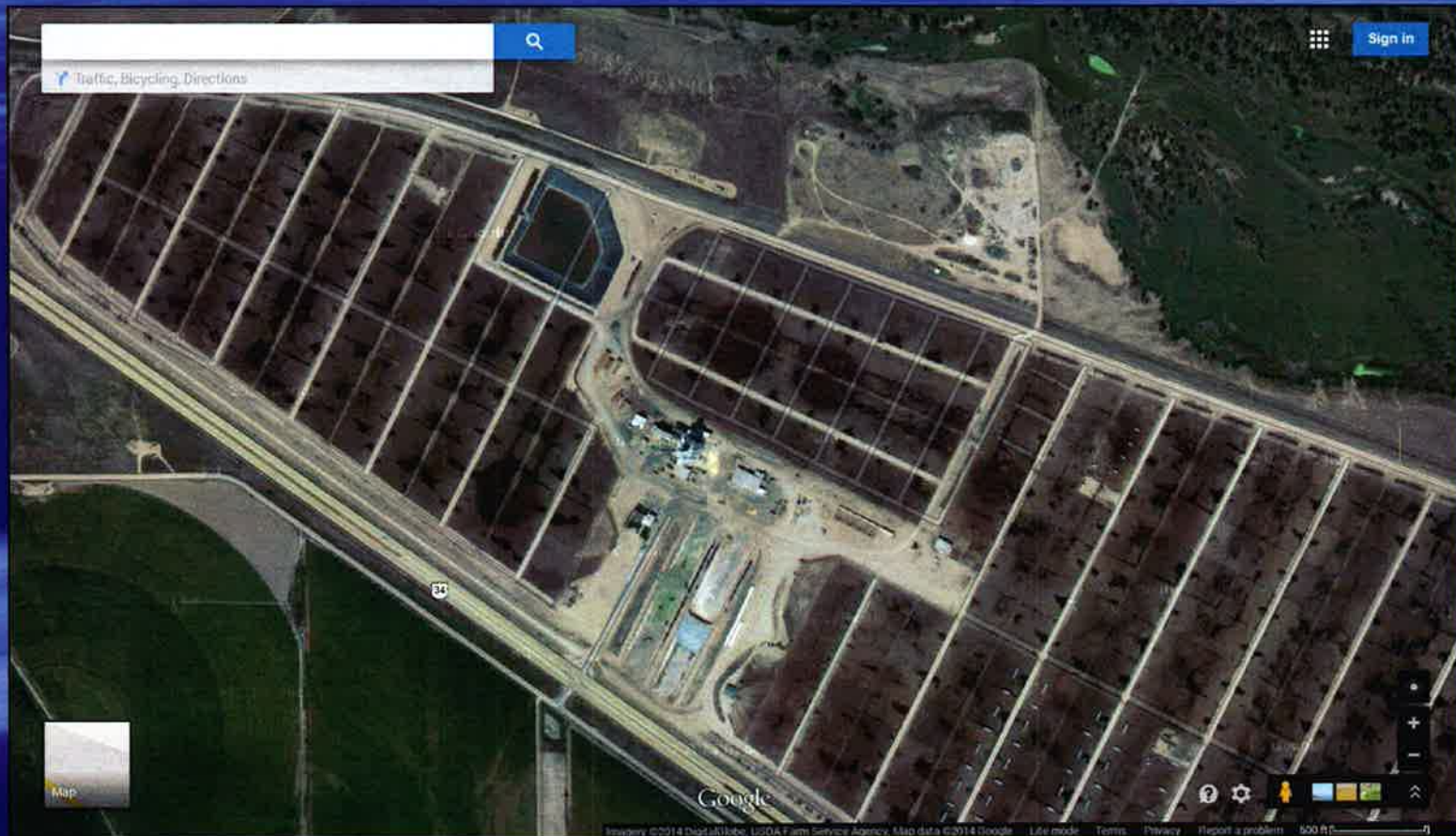


Source: Google Maps

Slide #6

# JBS Five Rivers Cattle Feeding

(zoomed out)

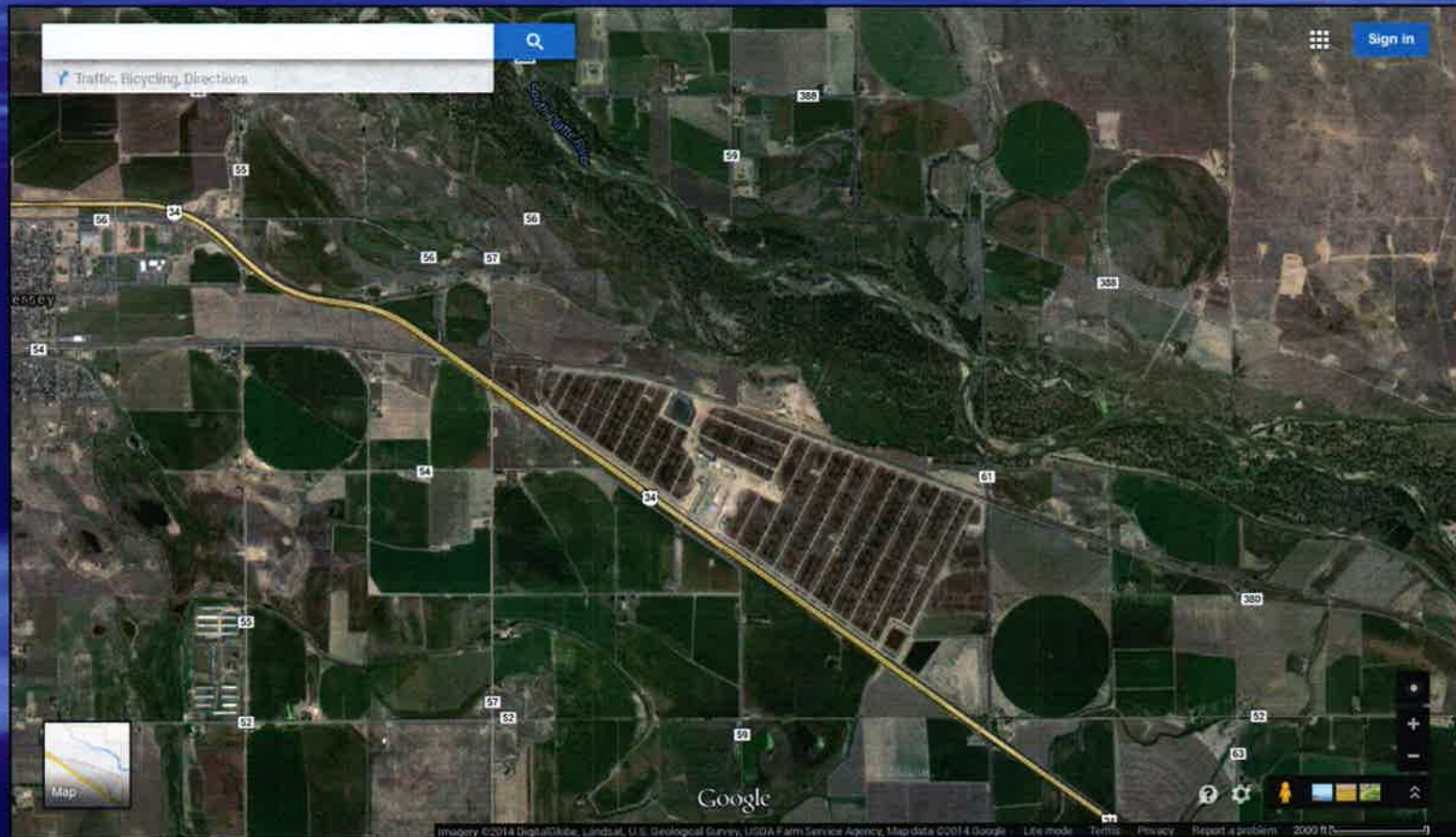


Slide #7

Source: Google Maps

# JBS Five Rivers Cattle Feeding

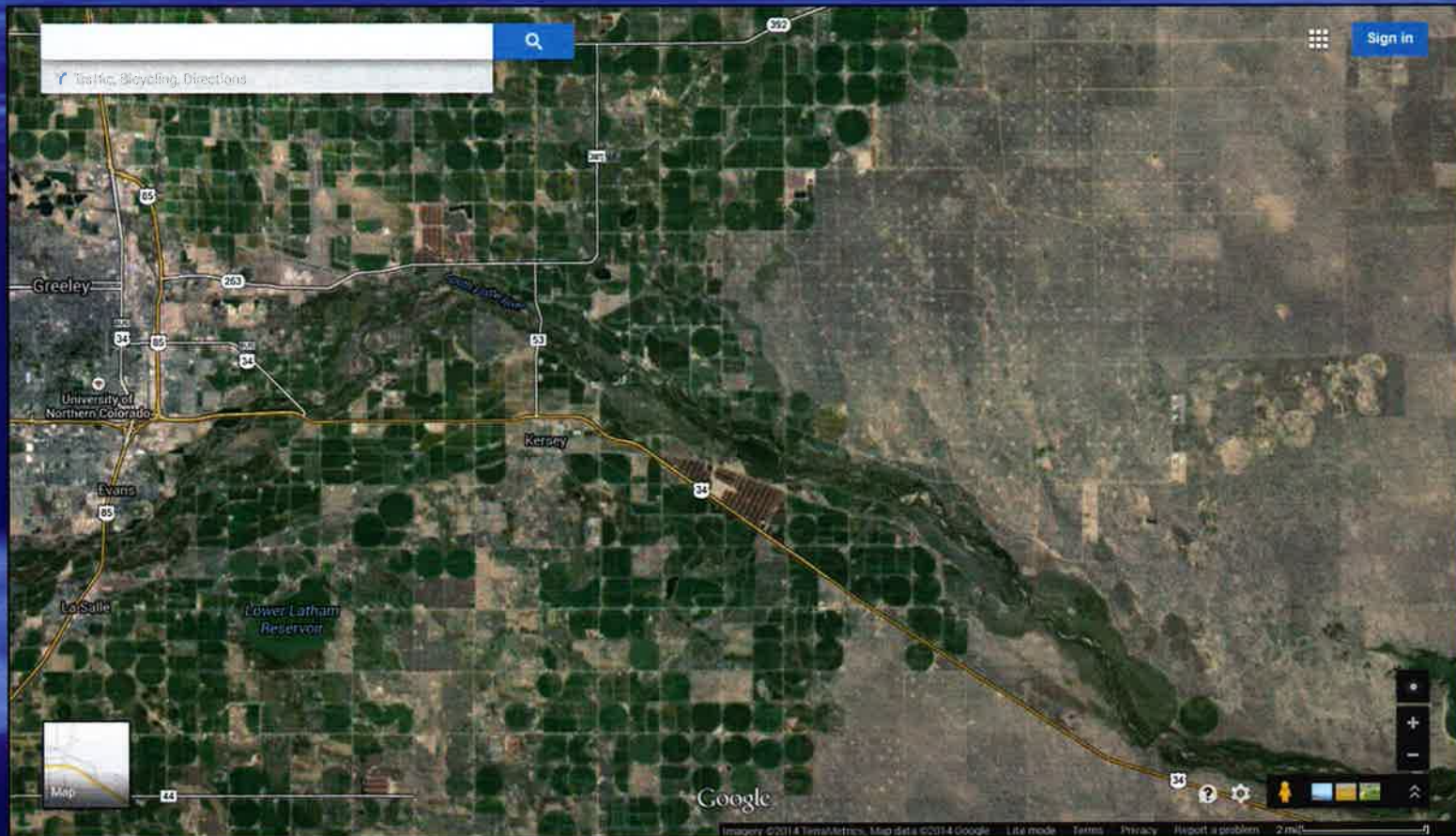
(zoomed out, notice well patterns in upper right)





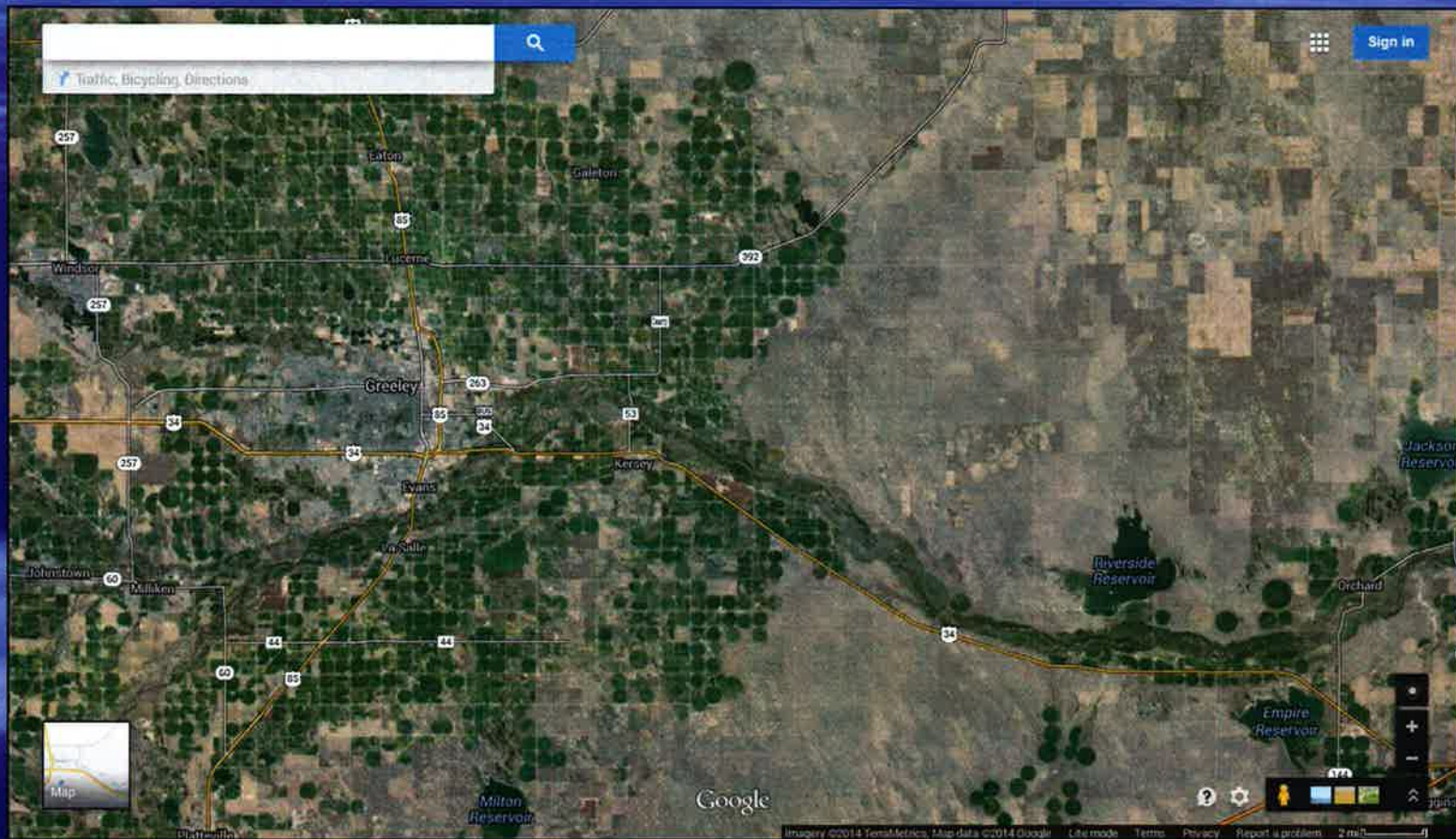
# JBS Five Rivers Cattle Feeding

(zoomed out, fracked land on right – ghost farms)



Source: Google Maps

# Greeley surrounded by fracking.



Source: Google Maps

Slide #10

# A Possible Evaporation Pit?



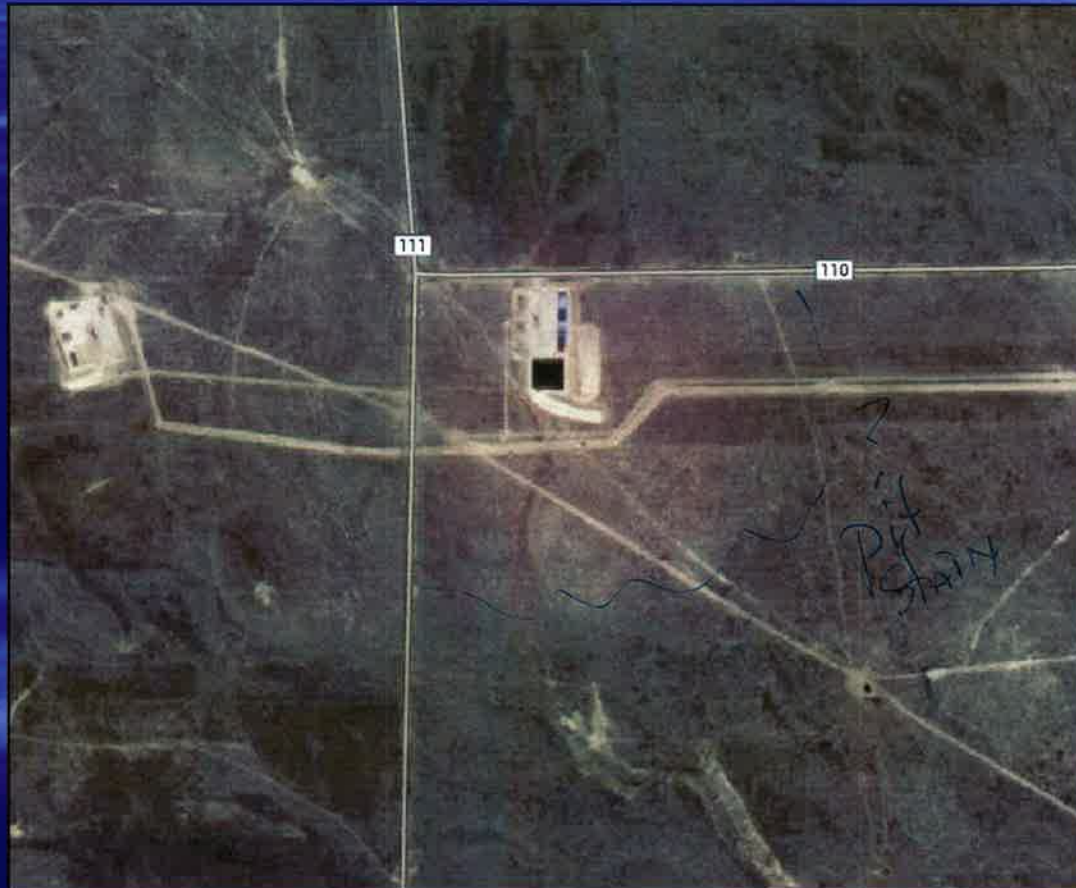
Source: Google Maps

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



Source: Google Maps

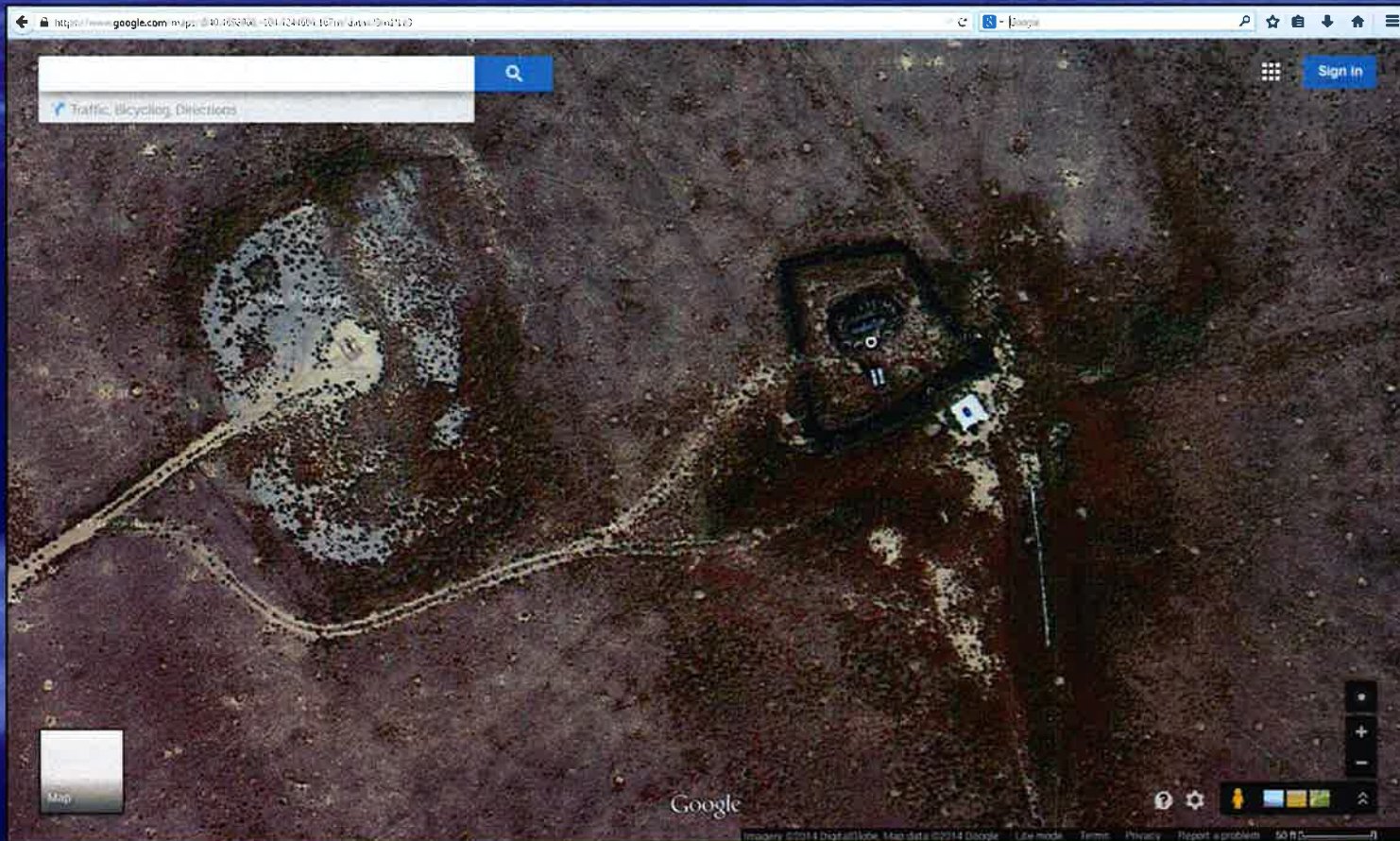
# “Pit Stain”



Source: Google Maps

Slide #12

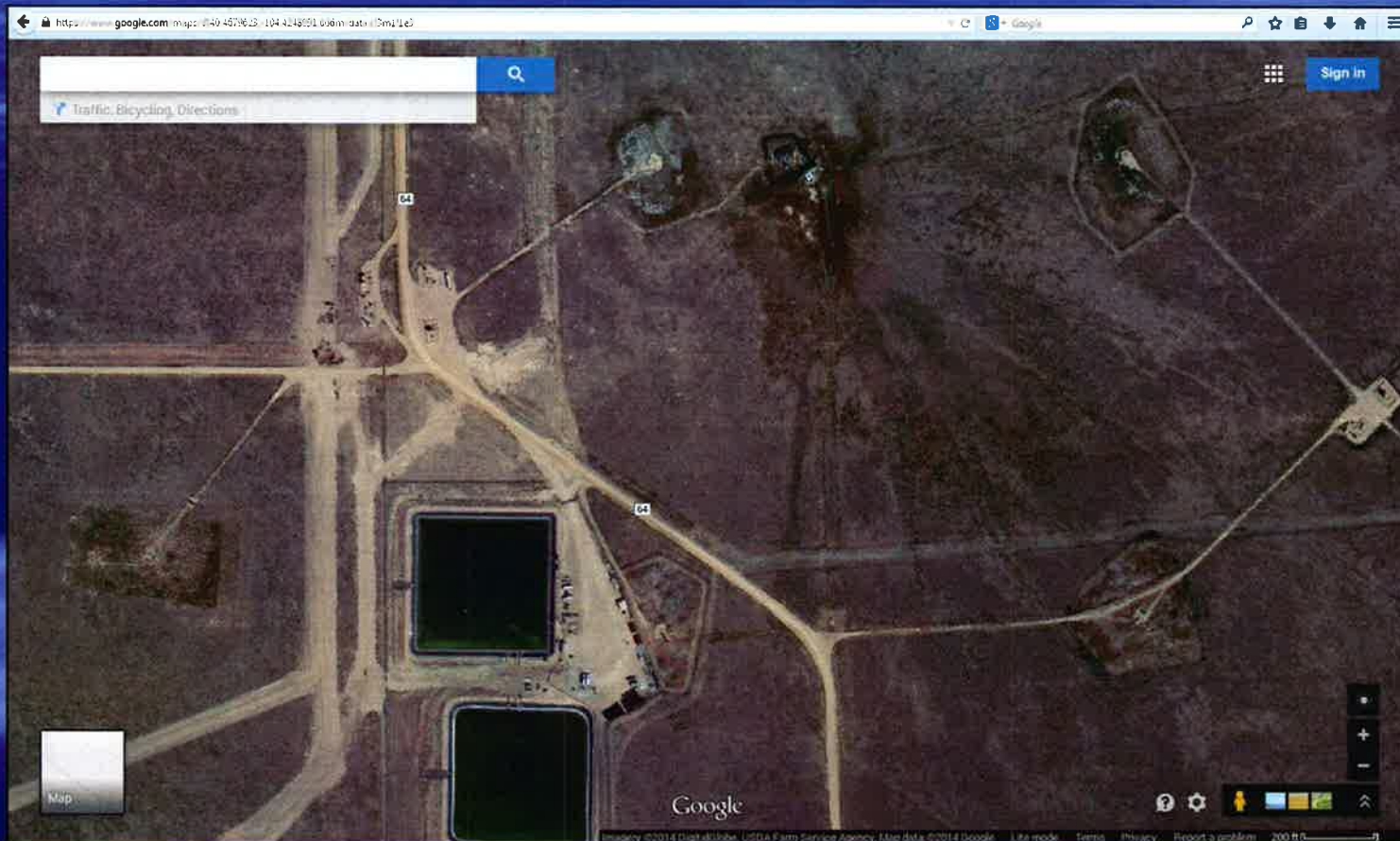
# Black Tank surrounded by 2 walls of tires.



Source: Google Maps

Slide #13

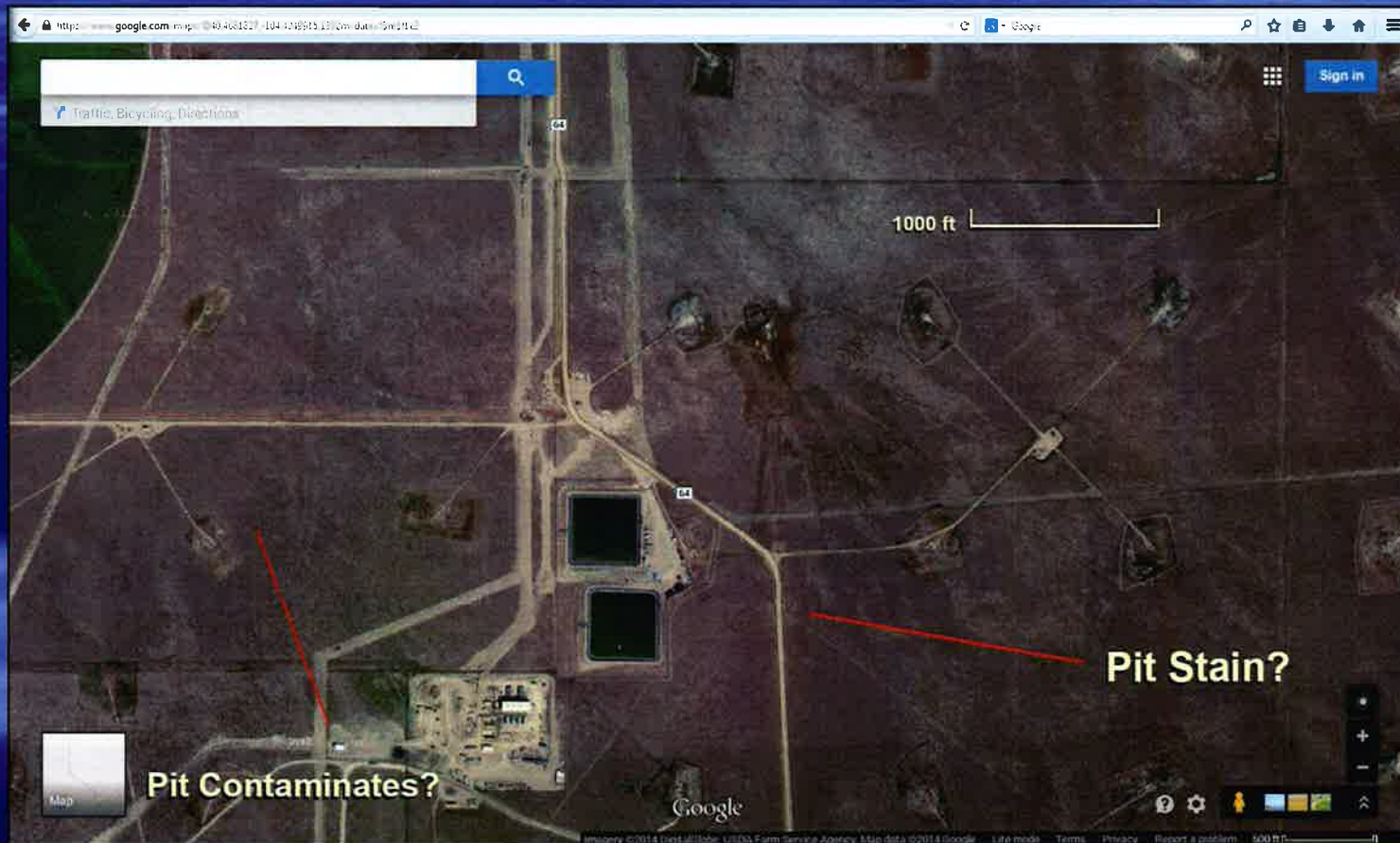
# Are these much larger evaporation pits?



Source: Google Maps

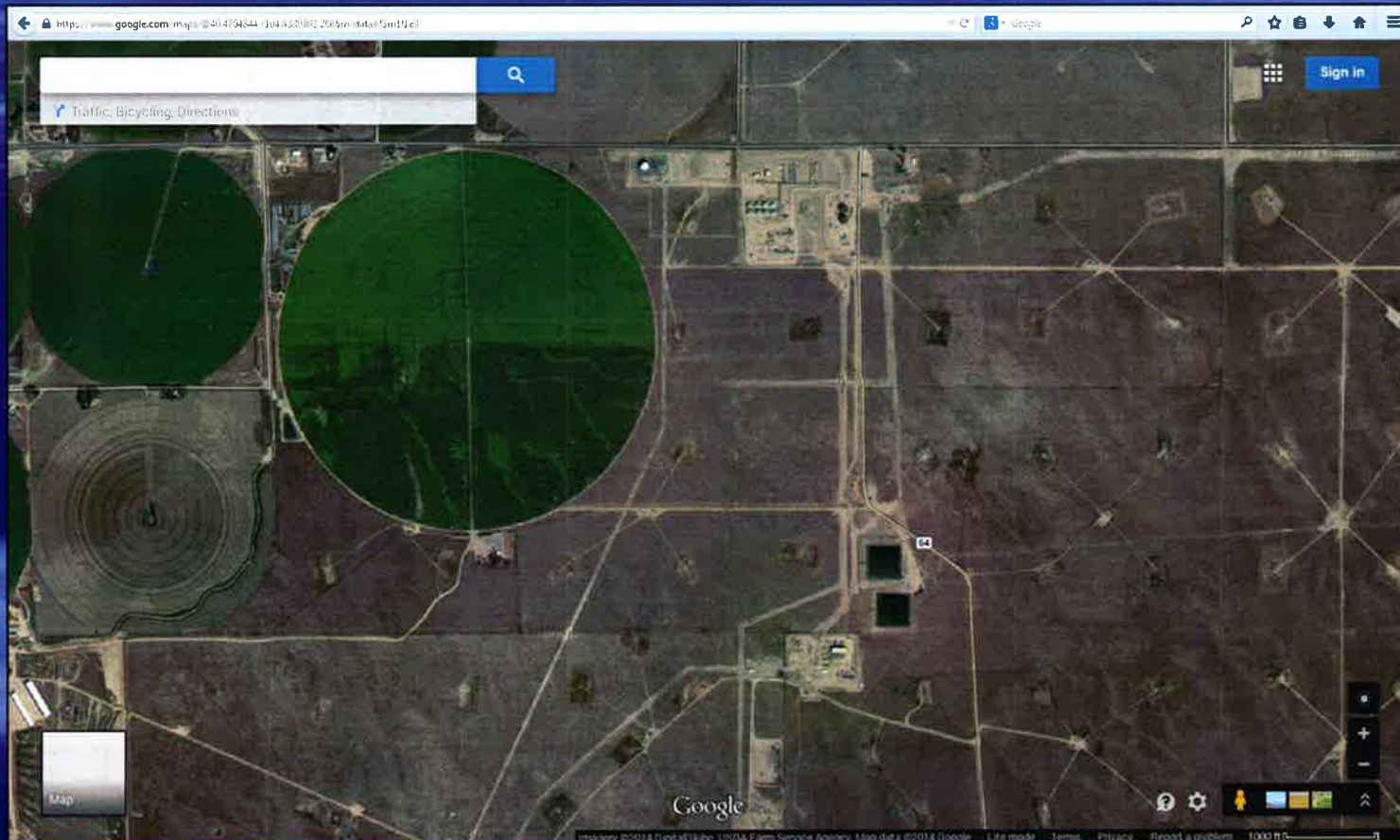
Slide #14

# Same pits, zoomed out. Is the field in the upper left effected?



Source: Google Maps

**A footprint no larger.. “than a 2 car garage”???**  
**(Same area, zoomed out)**

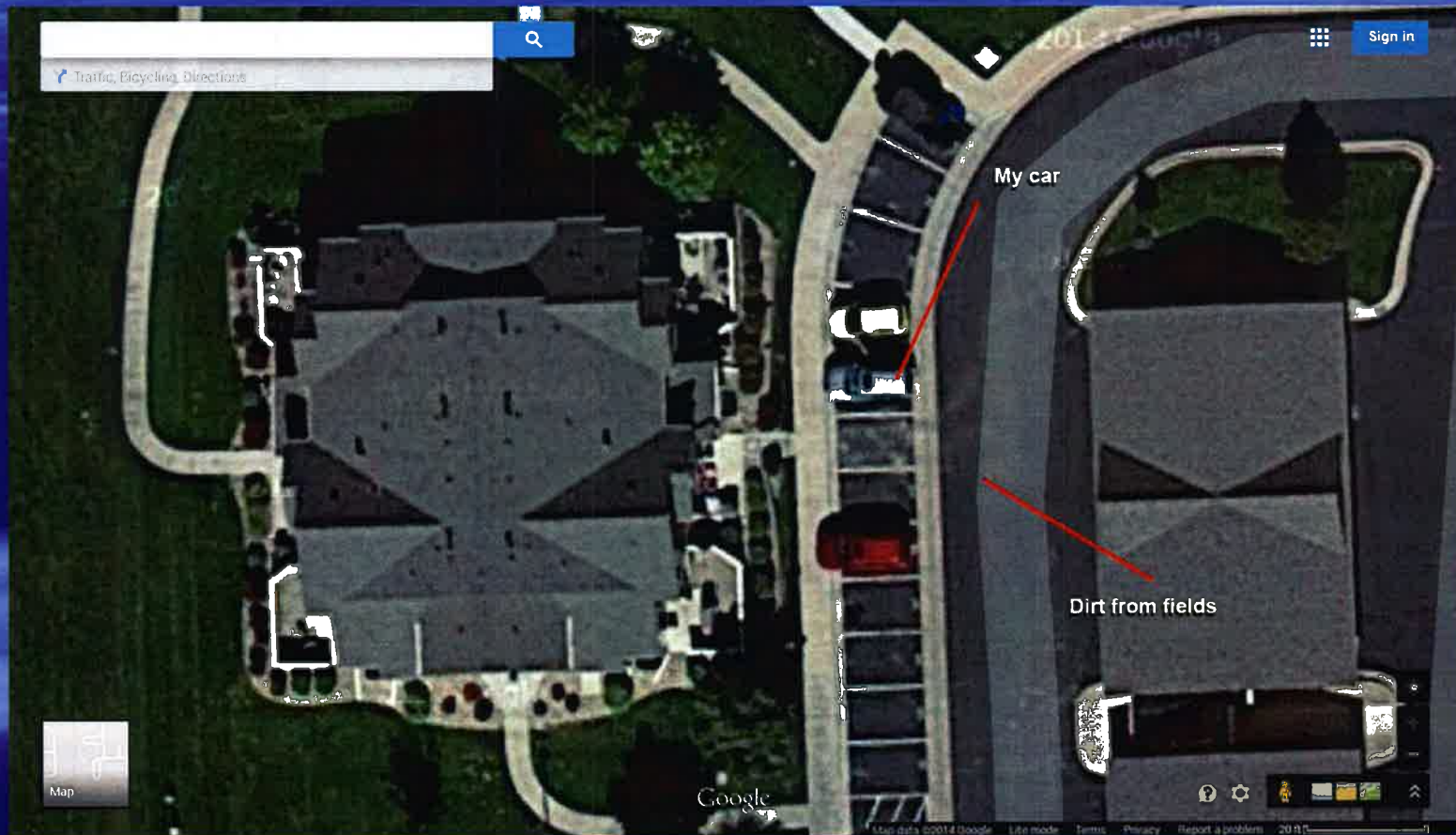


Source: Google Maps

Slide #16

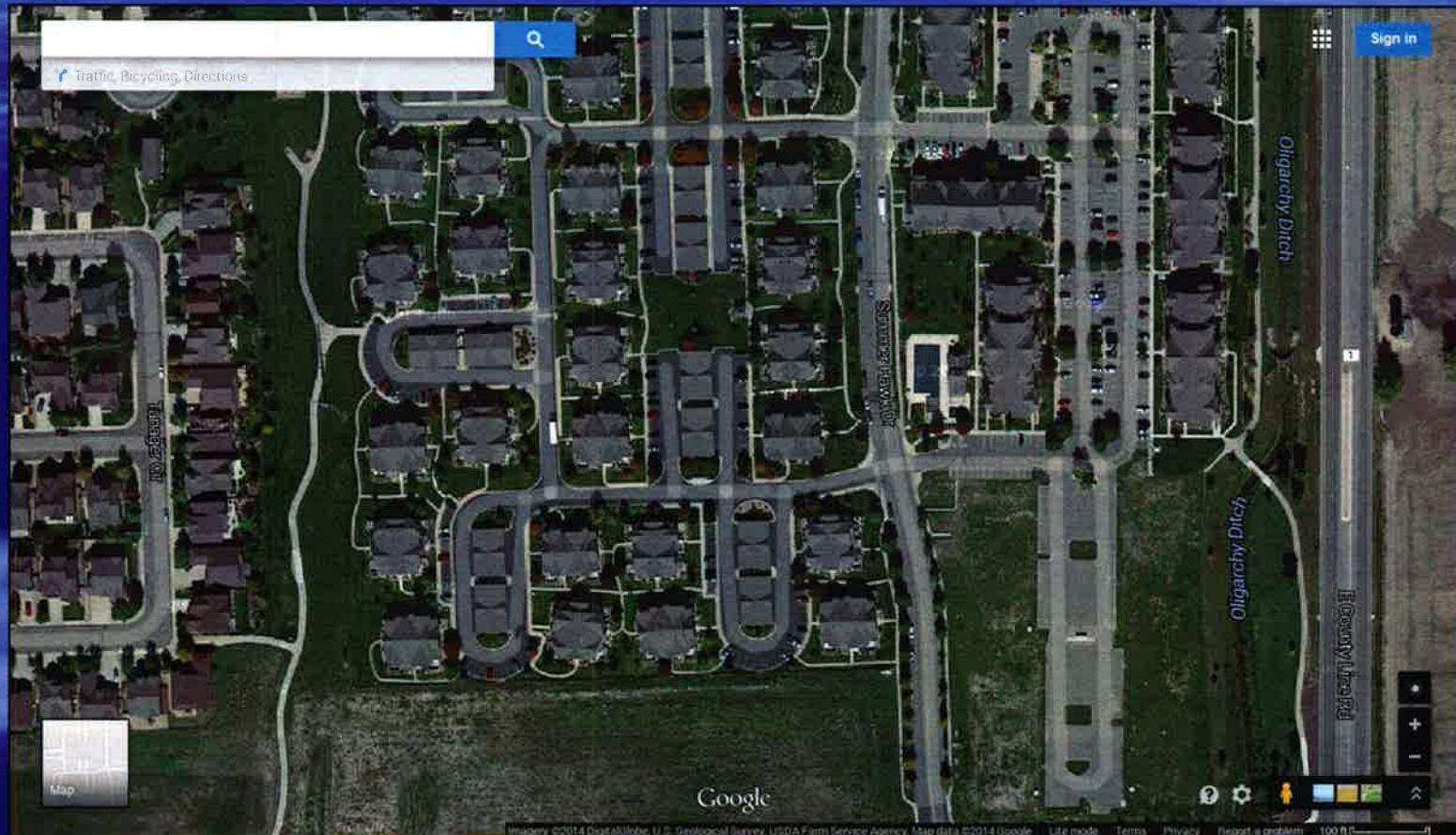


# Can we be sure the dirt on the trucks are not contaminated with chemicals?



Source: Google Maps

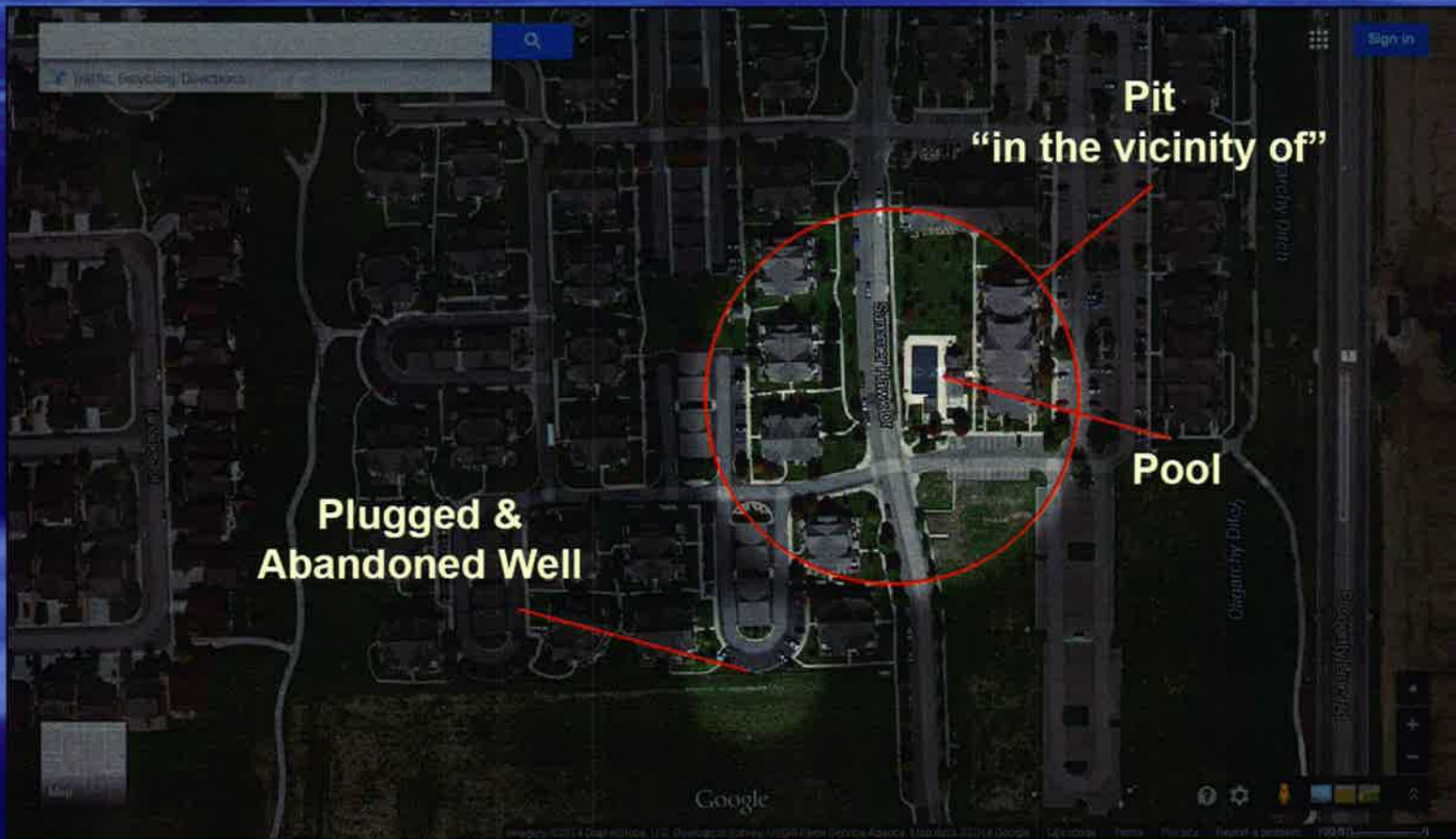
# A “drilled and abandoned well” and a “pit”... Can you find them?



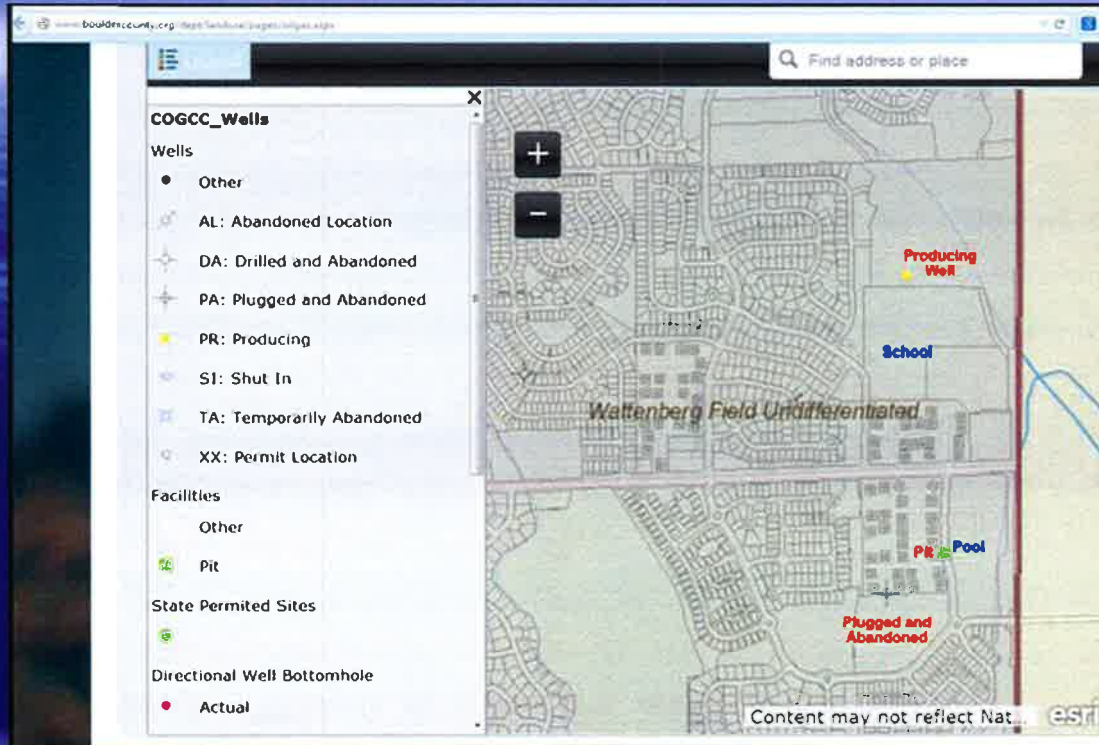
Source: Google Maps

Slide #18

The COGCC marks a “pit” exactly where my neighborhood pool is located.



# Is my neighborhood safe right now?



Source: COGCC GIS Online



Source: Google Maps

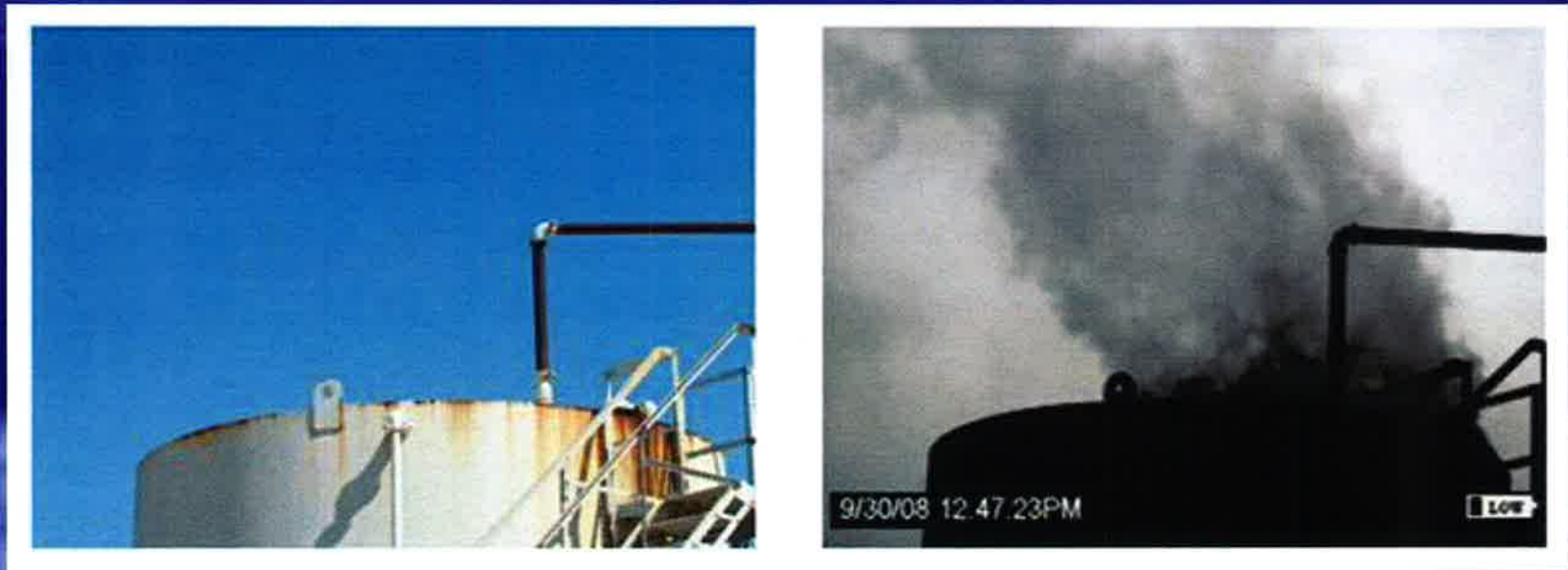
- If worst case scenario happens, is this school and neighborhood safe?
- What does "in the vicinity of" mean in regards to a "pit"?
- Are "plugged & abandoned" wells monitored?
- There is a new school planned near the "plugged & abandoned" well, will this new school be safe?

# 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.



Slide #24

Longmont, Colorado



SIGN IN FOR ALL GROUPS SUPPORTING MORATORIUM EXTENSION!

**Boulder County Commission Public Comment Day**

Location: Boulder Date: 11/10/2014

**THANK YOU FOR COMING TODAY! SIGN IN BELOW.**



**SIERRA CLUB**  
FOUNDED 1892

Name	Phone	E-mail	I'm interested in...		
			Joining Sierra Club volunteer efforts	Attending the Commission mtg on TH 11/13	Attending the Task Force mtg on TH 11/20
<b>Bryce Carter</b>	<b>303-454-3364</b>	<b>bryce.carter@sierraclub.org</b>	<b>X</b>	<b>X</b>	<b>X</b>
Mark Schueneman	3-4446027	haffnpuff@q.com		X	X
Brian Allegrazza	3665-3883			X	
Tammy Stewart		gardenblue@gmail.com	X		
Pamela Clum		pjclum@gmail.com		X	
Kaylinn Buchanan		kaylinnpenardi@gmail.com	X	X	
Hayley Porter	303 5016856	understandthyself@yahoo.com		X	
Charlie Angelo	720-245-0858	charles-angelo@colorado.edu		X	
Scott Hatfield	303-413-1516	hatscott@comcast.net		X	Possibly
Kathy Clegg	303 6788006	Kathrynclegg@gmail.com		X	X

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.

Alan Rappley 303607-0031 ad-chilton@chilton.com  
 all 'all to

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 ( $\mu\text{g/l}$ ). The standard was exceeded at two locations near the Rider 1 Well which measured 491  $\mu\text{g/l}$  and 34.3  $\mu\text{g/l}$ .

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  $\mu\text{g/l}$  and 190  $\mu\text{g/l}$ , 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 ( $\mu\text{g/l}$ ). The standard was exceeded at two locations near the Well (MW-2 and MW-3) which measured 491  $\mu\text{g/l}$  and 34.3  $\mu\text{g/l}$ , 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. The letter 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 ground water 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, 27µg/l and MW-4, 150µg/l), one of which also contained concentrations of toluene exceeding the maximum allowable concentration (MW-4, 1,300 µg/l).

### **July 1, 2009**

The ground water 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 E Minor  
8380 GREENWOOD 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 & gas development.

It is important to me & 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,  
Jared E Minor

Nov 6, 2014

Pat Johnson

8406 Greenwood Dr  
Niwot CO

Boulder County Commissioners -

Please extend the fracking  
moratorium at least through 2015  
Please stand up for the health  
and well being for communities

Sincerely,

Pat Johnson



Nov 11, 2014  
Don Johnson  
8406 Greenwood Dr.  
Niwot, CO 80503

To the Boulder County Commission,

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  
DA Johnson

November 5, 2014  
Annmarie 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,**



Annmarie Surprenant and Alan North



November 6, 2014

Sharon L Riegel  
8403 Firethorn Ct.  
Niwot, CO 80503

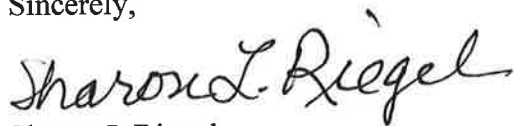
To the Boulder County Commission,

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,

A handwritten signature in cursive script that reads "Sharon L. Riegel". The signature is written in black ink and is positioned above the printed name.

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,

  
David L Riegel

November 5, 2014  
Richard Freeman  
9037 Morton 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 <sup>the</sup> 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 ~~the~~ any 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 developments

As a voter, 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 Bzym

8871 Morton

Stuot, Co 80503

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,

A handwritten signature in cursive script that reads "Bonnie Egeland".

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,



Gina Caruso



Nov 7th 2014  
Benjamin Perren  
8060 N. Woot Rd, N. Woot  
CO 80503

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 pooling where we eat.

Sincerely,



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~~  
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,

J. G. Smith

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,

MarBarb Kane  
for Amber Kholva

11/7/14

LAURIE Cronin  
7796 Nikau 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 gas and oil 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 + 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

11/17/14  
Gabe Gebremariam  
7542 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 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 fracturing 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 fracturing 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 Gebremariam

November 7, 2014

Terri VonLoh

6917 Totara Place, Niwot, CO 80503

To the Boulder County Commissioner,

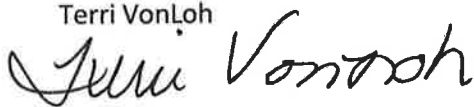
Thank you for your commitment over the last few years to protecting Boulder County residents from the known risks of oil and gas development.

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 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

A handwritten signature in black ink that reads "Terri VonLoh". The signature is written in a cursive style with a large, stylized "T" and "V".

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,

A handwritten signature in cursive script that reads "Caroline Hester". The signature is written in black ink and is positioned above the printed name.

Caroline Hester

11-10-14

Just holding off until we  
municipalize so I can buy Boulder  
Solar Gardens!

I am happy to convert to  
electric heat to utilize  
the sun and the wind &  
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

- o Record of displaced agriculture -
- o Record of emissions - ground level air pollutants including, but not limited to: methane, silica dust, benzene, toluene, ozone, ethyl benzene and xylene
- o 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.
- o Record of ground water contamination and migration – ground water testing: historic, pre-drilling, during drilling, after drilling, and quarterly
- o Record of incidence and effect of animal poisoning – death, birth defects, disease, contamination of animal proteins

### Economic Health

- o Record of change in tourism – as a food destination how will operations impact Boulder County restaurants, farms, and local markets
- o Record of direct (local) employment per year
- o Record of gas extraction per operation
- o Record of industry investments in renewable energy – as a bridge fuel, what is the industries exit strategy?
- o Record of infrastructure degradation/improvements – roads, bridges,
- o Record of mineral rights value by year
- o Record of land rights holder compensation

- o Record of new technologies, their application, and effect.
- o Record of real estate value and deferred local investments
- o Record of water cost/per acre foot –

Social Health

- o Record of gas point of sale and direct beneficiaries
- o Record of health care costs to families – inclusive of existing industry non-disclosure agreements and ongoing respiratory, dermatological, gastrointestinal, neurological, and endocrine related hospitalizations.
- o Record of human error – driver spills/accidents, poor cement job on well casings, etc.
- o Record of instrumentation/technological malfunction – blow out regulators,
- o Record of operation pressures – during and after operations to detect and mitigate the inevitability of leaks
- o Record of radiation - Geiger counter for radioactive materials brought up from the shale formation
- o Record of seismic activity – historic, pre-drilling, during drilling, after drilling and quarterly.
- o Record of truck mileage, route frequency, and hours of operation
- o 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. 63 <sup>rd</sup> St. Farm –<br>Gunbarrel, CO.            | Ste. 104<br>Boulder, CO 80301  | 6. Awe-Struck Outdoors –<br>Boulder County, CO.                |
| 2. Abbondanza Organic<br>Seeds & Produce –<br>Longmont, CO. | 4. Aspen Moon Farm -<br>8020 Hygiene Rd<br>Longmont, Co. 80503           | 7. The Barefoot Baker -<br>1691 Holeman Dr. Erie,<br>CO. 80516 |
| 3. Asher Brewing<br>Company –<br>4699 Nautilus Ct           | 5. Arugula Bar e<br>Ristorante –<br>2785 Iris Ave.<br>Boulder, CO. 80304 | 8. B Bar and S Ranch –<br>Nederland, CO.                       |

9. Black Cat Farm -  
5093 Nelson Rd.  
Longmont, CO. 80503
10. Bramble & Hare -  
1970 13th St  
Boulder, CO 80302
11. Black Cat Bistro -  
1964 13th St.  
Boulder, CO 80302
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. 66<sup>th</sup> St.  
Longmont, CO. 80503
16. Bukor Apiaries -  
Longmont, CO. 80501
17. Chiporro Sauce Co. -  
Boulder, CO.
18. Colterra - 210 Franklin  
St. Niwot, CO 80544
19. Deep Nutrition Farm -  
Boulder, CO.
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. 26<sup>th</sup> 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. 49<sup>th</sup> St.  
Longmont, CO. 80503
34. Nancy Wheeley - 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.  
95<sup>th</sup> St. Longmont, CO.  
80504
38. Oxford Gardens -  
Niwot, CO.
39. Ozuké -  
1208 Commerce Court  
Lafayette, CO. 80026
40. Pachamama Farm -  
10771 N. 49<sup>th</sup> St.  
Longmont, CO. 80503
41. Pastures of Plenty -  
Longmont, CO.
42. Plowshares Community  
Farm -  
Hwy 119 & Oxford Rd.  
Niwot, CO.
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 -  
11<sup>th</sup> and Baker St.  
Longmont, CO. 80501
47. Stonebridge Farm -  
5169 Ute Hwy  
Longmont, CO. 80503
48. Sol y Sombra Farm -  
11971 N. 75<sup>th</sup> 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 8<sup>th</sup> 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. 112<sup>th</sup> St.,  
Lafayette, CO. 80027

- |  |            |
|--|------------|
| 56. The Boulder Dushanbe<br>Teahouse – 1770 13 <sup>th</sup> St.<br>Boulder, CO. 80302 | 74.<br>75. |
| 57. Leaf Vegetarian<br>Restaurant –<br>2010 16 <sup>th</sup> St.<br>Boulder, CO. 80302 | 76.<br>77. |
| 58. Aji Latin American<br>Restaurant –<br>1601 Pearl St.<br>Boulder, CO 80302          | 78.<br>79. |
| 59. The Naropa Cafe –<br>2130 Arapahoe Ave.<br>Boulder, CO. 80302                      | 80.        |
| 60. The Huckleberry –<br>700 Main St.<br>Louisville, CO. 80027                         |            |
| 61. Zucca – 808 Main St.<br>Louisville, CO. 80027                                      |            |
| 62. The Chautauqua Dining<br>Hall – 900 Baseline Rd.<br>Boulder, CO. 80302             |            |
| 63. Tungsten Toffee –<br>Nederland, CO. 80466  |            |
| 64. WeeBeeFarms - 5933<br>Galctin Rd. Longmont,<br>CO. 80503                           |            |
| 65. Yatahai Gardens - 6870<br>Nelson Rd. Longmont,<br>CO. 80503                        |            |
| 66. Zweck's Fresh – 10901<br>Airport Rd. Longmont<br>CO. 50503                         |            |
| 67. SHAMANE'S BAKE<br>SHOPPE - 2825 wilderness PL. #800<br>Boulder CO. 80301           |            |
| 68. DASTA - 3601 ARAPAHOE AVE.<br>BOULDER CO. 80303                                    |            |
| 69. THE LYONS FARMETTE<br>4121 UTE HWY LYONS, CO. 80503                                |            |
| 70.  |            |
| 71.  |            |
| 72.  |            |
| 73.  |            |

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 Boulder County's foodshed.

I am humbled to be standing here on behalf of the following organizations, the 3,000 family members and employees they provide food for, and the conservative estimate of 111 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. 63<sup>rd</sup> 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                     | 41. | Pastures of Plenty                 |
| 14. | Briar Gate Farm                 | 42. | Plowshares Community Farm          |
| 15. | Chiporro Sauce Co.              | 43. | Rocky Mountain Fresh               |
| 16. | Colterra                        | 44. | Sagescripts Institute              |
| 17. | Deep Nutrition Farm             | 45. | SALT the bistro                    |
| 18. | Doctor D's Sparkling Water      | 46. | Second Start Community Garden      |
|     | Kefir                           | 47. | Stonebridge Farm                   |
| 19. | FoodShed Productions            | 48. | Sol y Sombra Farm                  |
| 20. | Foremother Foods                | 49. | Tangerine – Breakfast/Brunch/Lunch |
| 21. | Free Power Systems              | 50. | The Barefoot Baker                 |
| 22. | Frog Belly Farm                 | 51. | The Kitchen                        |
| 23. | Good Day Chocolate              | 52. | The Kitchen Next Door              |
| 24. | HandleBar Coffee Co.            | 53. | The Kitchen Upstairs               |
| 25. | Harlequin's Gardens             | 54. | Three Leaf Farm                    |
| 26. | Heavenly Cow Compost            | 55. | The Boulder Dushanbe Teahouse      |
| 27. | Highland Honey Bees             | 56. | Leaf Vegetarian Restaurant         |
| 28. | Julia's Kitchen Bakery and Cafe | 57. | Aji Latin American Restaurant      |
| 29. | Bukor Apiaries                  | 58. | The Naropa Cafe                    |
| 30. | Kilt Farm                       | 59. | The Huckleberry,                   |
| 31. | La Joyia Farm                   | 60. | Zucca                              |
| 32. | Lone Hawk Farm                  | 61. | The Chautauqua Dining Hall         |
| 33. | McCauley Family Farm            | 62. | Tungsten Toffee                    |
| 34. | Nancy Wheeley                   | 63. | WeeBeeFarms                        |
| 35. | New Beat Foods                  | 64. | Yatahai Gardens                    |
| 36. | Niwot Hop Farm                  | 65. | Zweck's Fresh                      |
| 37. | Ollin Farms                     | 66. | SHAMMAINE'S BAKE SHOPPE            |
| 38. | Oxford Gardens                  | 67. | THE COMMUNITY KITCHEN              |
| 39. | Ozuke                           | 68. | ALTONA GRANGE                      |
| 40. | Pachamama Farm                  |     |                                    |

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

- o Record of displaced agriculture – vehicle access and well pad
- o Record of emissions - ground level air pollutants including, but not limited to: benzene, ethyl benzene, methane, ozone, silica dust, toluene, and xylene
- o 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 there after.
- 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 industries 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 non-disclosure agreements and ongoing respiratory, dermatological, gastrointestinal, neurological, and endocrine related hospitalizations.

- o Record of human error – driver spills/accidents and poor cement jobs on well casings.
- o Record of instrumentation/technological malfunction – blow out regulators
- o Record of operation pressures – during and after operations to detect and mitigate the inevitability of leaks
- o Record of radiation - Geiger counter for radioactive materials brought up from the shale formation
- o Record of seismic activity – historic, pre-drilling, during drilling, after drilling and quarterly there after.
- o Record of truck mileage, route frequency, and hours of operation
- o 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 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.

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?

Nov. 7, 2014

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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,

Marzaret Kane  
Sol Sunder Krishna

November 7, 2014

Joan Muffly

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,

A handwritten signature in black ink, appearing to read "Joan Muffly". The signature is written in a cursive style with a large, stylized "M".

To Butler County Commission,

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

As your constituent, it's important to me & my family that Butler 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 & 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 guinea pig for the oil & gas industry.

Sincerely,

Elaine Ten

NOV. 8, 2014

November 7<sup>th</sup>, 2014  
David Henderson  
7785 Monarch Rd  
Niwot CO 80503

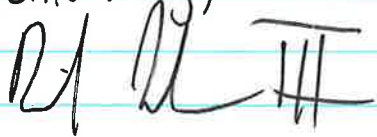
To the Boulder County Commission,

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

Sincerely,





November 7<sup>th</sup> 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 developments.

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,



Nov. 7, 2014

Debbie Murray  
7016 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 B.C.C. continues to stand up for the health & 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  
303-579-9560

11-03-14

Nathan Burris

3228 Redstone Ln.

To the Boulder County Commission.

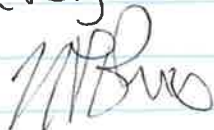
Thank you for your commitment to protecting Boulder County residents from the known risks of oil and gas development these past few years.

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 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



11-4-2014

Justine Ireland

2660 Heidelberg Dr.

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 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 environment 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,  
Justine Ireland

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,

A handwritten signature in black ink, appearing to read 'Kia Arms', with a long horizontal flourish extending to the right.

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

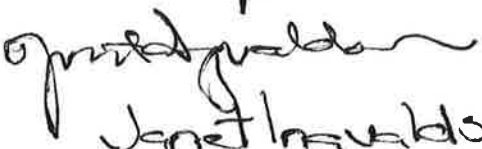
November 7, 2014  
Janet Ingvaldsen  
7595 Monarch Rd  
Niwot, CO 80503

To: Boulder County Commission

Thank you for committing, 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,  
  
Janet Ingvaldsen

11/7/14  
Delaney MacInness  
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,

A handwritten signature in cursive script that reads "Delaney MacInness". The signature is written in dark ink and is positioned below the typed name.



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,

A handwritten signature in black ink that reads "deb greene quinn". The signature is written in a cursive, lowercase style.

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,

A handwritten signature in black ink, appearing to read "Regis Quinn". The signature is written in a cursive style with a large initial "R" and a long, sweeping tail.

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 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 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,

A handwritten signature in blue ink, appearing to read "Keith Nichols", written in a cursive style.

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 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 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,

A handwritten signature in blue ink, appearing to read 'Tracey Nichols', with a large, stylized flourish at the end.

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,



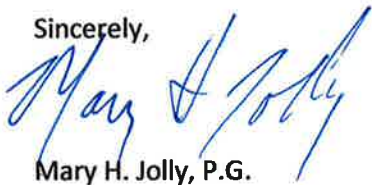
November 5, 2014

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.

11-5-14

Talitha Butterfield  
8940 Morton Rd.  
Niwat, Co 80503

To: Bldr. Co. Commissioner:

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 & my family that the Bldr. Co. 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 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,

*Linda Bachrach*



November 4, 2014  
Cathy Hayes  
2875 Eliff St.  
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 ~~is~~ 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. Edelford  
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,

M. Edelford

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,

A handwritten signature in cursive script that reads "Steven Levy". The signature is written in black ink and is positioned to the right of the word "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,

A handwritten signature in black ink, appearing to read 'Athena Levy', written in a cursive style.

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,

A handwritten signature in black ink that reads "Patricia Billig". The signature is written in a cursive style with a large, prominent initial "P".

11/4/14

Holly Semanske  
3895 Longwood Ave

To The Boulder Cty. Commission,

Thank you for your commitment over the last few years to protecting Boulder Cty. 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 ~~City~~ 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~~ 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,  


4 November 2014

John Gille  
1730 Ithaca Drive  
Boulder, CO 80305

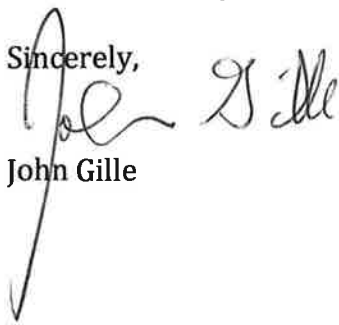
To the Boulder County Commission,

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,

A handwritten signature in black ink, appearing to read "John Gille". The signature is written in a cursive style with a long, sweeping vertical line extending downwards from the end of the signature.

John Gille



11/4/2014

Melissa Serdinsky  
2645 Iliff Street  
Boulder, CO 80305

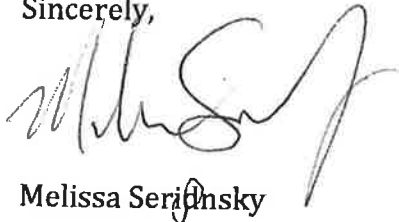
To the Boulder County Commissioner

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,

A handwritten signature in black ink, appearing to read 'Melissa Serdinsky', written over a printed name.

Melissa Serdinsky

11/5/14

Fiona Kalil  
3895 Telluride  
Place

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 ~~country~~ 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 & 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 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,

De La

11-4-14

MARY ANN DAVIS  
3510 SMUGGLER CIRCLE  
BOULDER, CO 80305

To the Boulder County Commission,

I really appreciate your concern & commitment to all the Boulder County residents in helping to keep our air & water 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 & 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 Davis, R.N., B.S.N.

11/4/14

James Swartz

3522 Smogler way

To the Boulder County Commission,  
Thanks for your commitment over the last few years to protecting Boulder residents ~~for~~ from ~~the~~ dangers 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 are not, and shall not be guinea pigs for the oil and gas industry.

Sincerely

James Swartz

11-4-2014  
Robin Allegra  
3515 Smuggler Cr.  
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,

A handwritten signature in cursive script that reads "Ana Lamarque". The signature is written in black ink and is positioned below the word "Sincerely,".

Ana Lamarque



Eve A. Kilmer  
3554 Smuggler Way  
Boulder, CO 80305

~~November~~, 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,

A handwritten signature in black ink that reads "Eve Kilmer". The signature is written in a cursive, flowing style.

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

11/3  
Iris Goehring  
3492 Cripple Creek Sq.

To Boulder County Commission,

Thank you for your commitment to  
protecting Boulder County residents  
from 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  
our communities.

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

Sincerely,  
Iris

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

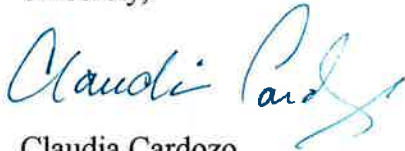
To the Boulder County Commission,

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 Schlossberg

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,

 MS CCC-SLP

11-7-2014

Wanda Pearson

8195 Cambridge Dr Niwot 80503

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 backyards.

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 Tr  
Boulder, CO 80306

Thank you in advance  
Boulder County/Commission,

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

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

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

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

Don't allow our county to become  
another guinea pig for the oil &  
gas industry.

Sincerely  
Sharon Spuler

11.4.14

Harvey Wellman  
3400 Longwood 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

10/5/14  
Maia Kamerling  
6882 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 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. Maat  
7947 Countryside Dr. 101  
Niwot, CO 80544

As a resident of Niwot, 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 unknown & 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. Maat

Nov 6, 2014  
Wilma Rivera  
7598 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 & 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 at least 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.

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

Angela Roxworthy  
8011 Countryside Park #212  
Niwot, CO 80503

11/7/14

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 Roxworthy

November 4, 2014  
Michelle Lamb  
2525 Arapahoe Ave.  
Ste. E4 - 521  
Boulder, CO 80502

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 Land

11/7/14  
Maybelle Elahl-Pres  
1634 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 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 developments 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,



11/7/14

Peter Pres

1634 Nika Dr, Niwot, CO 80503

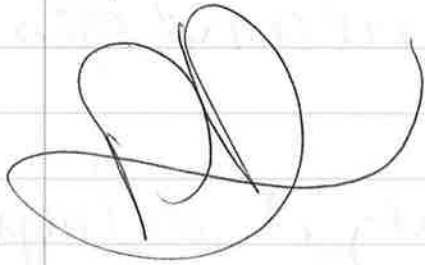
To the Boulder County Commission,

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 country to  
become another Guinea Pig  
for the oil and gas industry.  
Sincerely,

A stylized, cursive handwritten signature consisting of several loops and a long horizontal stroke extending to the right.

11/7/2014

Stephanie Giannetti

7955 Countryside Dr. #115

Longmont, CO 80503

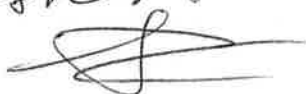
To the Boulder City Commission:

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 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 & environmental impacts of fracking, oil and gas development in our country should not occur. Please continue to protect our water, air & public health by extending the moratorium. Don't allow our county to become another green pig for oil & gas.

Stephanie

 Giannetti

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

Date 11/6/14  
Your Name KAREN BREAN  
Your Address 8395 GREENWOOD

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 Nov 6, 2014  
Your Name Stan Mead  
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 11/5/14  
Your Name Jeanette Walters  
Your Address 8991 Marathon  
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,

Your Name 

Date 11-5-14  
Your Name K. Zadow  
Your Address 6763 Comanche  
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,

Your Name 

Date 11.4.2014  
Your Name BRIAN LATBOURNE  
Your Address 3316 CIPRIANO CIRCLE  
FRATC | BOULDER 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 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,



Date 11-7-14  
Your Name JOE FORBES  
Your Address 8811 Comanche Rd  
Longmont CO

To the Boulder County Commission,

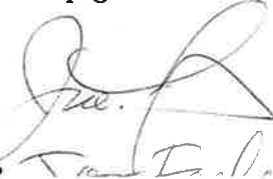
Thank you for your commitment over the last few years to protecting Boulder County residents from the known risks of oil and gas development.

As your constituent, it is important to me and 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,

Your Name



Date 11/4/14  
Your Name Heather LaFreniere  
Your Address 2346 Cripple Creek Tr  
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 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 11/6/14  
Your Name  
Your Address 48433 Sawtooth Ln

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 11/4/14  
Your Name DEEAN HAMBACHER  
Your Address 3730 LONGWOOD AVE

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

  
DEEAN HAMBACHER

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.

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,

Your Name



Date  
Your Name  
Your Address

To the Boulder County Commission,

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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,  
  
Your Name

Date 11/7/17  
Your Name Debbie Brinkley  
Your Address 2725 Gulhaad

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,  
  
Your Name

Date 11-3-14  
Your Name Chris Pelletier  
Your Address 3380 Cripple Creek Trl 80305

To the Boulder County Commission,

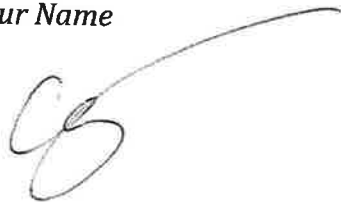
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Sincerely,

Sign 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.

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, Ruben Betana  
Your Name

To the Boulder County Commission,

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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*

To the Boulder County Commission,

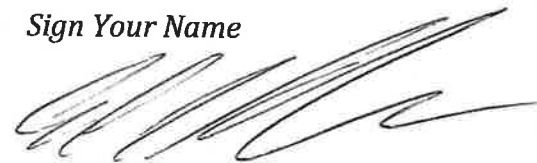
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Sincerely,

*Sign 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.

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, *Thanks*

Sign Your Name

*Pat Southgate*

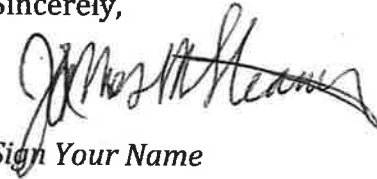
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Sincerely,



Sign Your Name



Date 11/7/14  
Your Name Stacy Melis  
Your Address 688 Tofana Pl  
Niwot

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 

Date 11/7/14  
Your Name Victoria Sherman  
Your Address 7558 Nikan 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,  
Sign Your Name 

Date 11-4-14  
Your Name Eileen Saunders  
Your Address 3741 Te Verde 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.

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 Eileen M Saunders

Date 10-17-14  
Your Name John Roberts  
Your Address 7741 Nikea Dr.


To the Boulder County Commission,  
N.W.T. CO. 80503

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 

NOV 7, 2014  
JOSEPH JACQUES  
7701 NIKAU 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  
INHERENTLY SAFE. WE ALL MUST  
THINK OF THE DISTANT FUTURE AND  
NOT ALLOW SHORT TERM SOLUTIONS  
FOR THE ENERGY CRISIS 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,  
Joseph Jacques

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 Circle  
Longmont

11-11-14

Nov 7, 2014

Pattie Loggen Olson  
7992 Centrebudgy Dr  
Niwot, 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 + gas drilling.

Sincerely,

Bette Loggen-Olson

11/4/14

Betty Naughton  
2965 Julliard  
Boulder 80305

Dear County Commissioners,

Please extend the fracking  
moratorium.

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

Sincerely,

Betty Naughton



Regarding moratorium on fracking.

The Amiran family of Niwot strongly encourages the BCC to extend the moratorium until the issue can be studied scientifically and without bias.

Jeff Amiran  
11/6/14

Jeff Amiran  
6900 Pawnee Way  
Niwot

11-5-14

Gretchen Salisbury  
7168 Overbrook 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

Edlex and Gene Taylor  
2845 Julliard St  
Boulder Co 80305

I support the  
Moutoum on Juaabery  
Please extend it to the  
following year.

Edlex / Gene  
Taylor

**Kendall**  
PRINTING COMPANY  
Northern Colorado's Fine Lithographers

11/7/14

MELINDA HELMICK  
7786 NIKAM 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*

WWW.KENDALLPRINTING.COM  
3331 WEST 29TH STREET - GREELEY, CO 80631 - 970-330-8895 OFFICE - 970-330-1412 FAX - 800-464-3538 TOLL-FREE





11-4-14  
David Dotter  
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



JENNIE WHITCOMB

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, & 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.

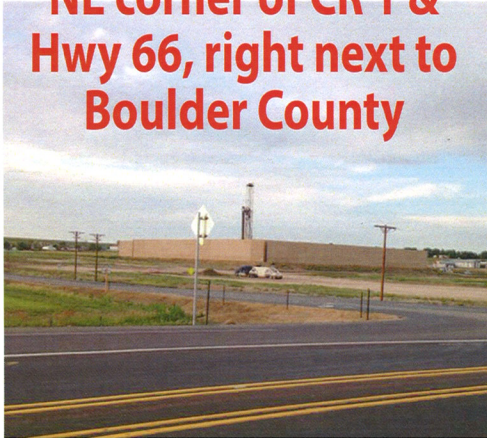
We all need to know what the long-term impacts of this practice is, and we do not yet have a solid, evidence-based study that can inform wise decisions. Until such scientific is available, please continue to protect the quality of our water, air, and public health by extending the moratorium.

Until we are more informed, we must protect our children's health. Thank you for your consideration of

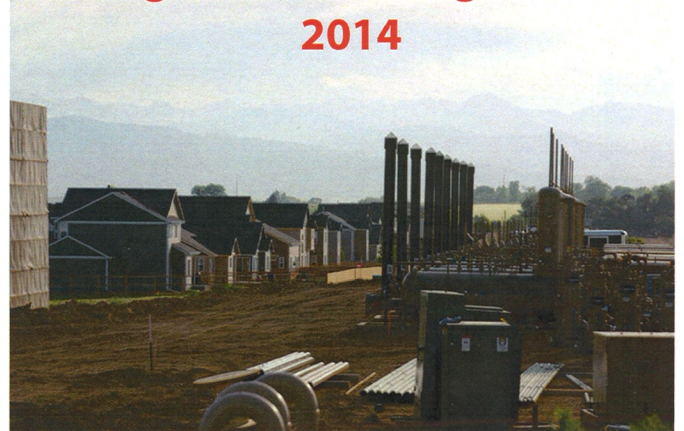
# A PICTURE TELLS A THOUSAND WORDS!

## 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**

