From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1083] - [Name: Guthrie, Stewart] Re: Emergency moratorium on gas & oil (fracking) permits
Date: Thursday, June 27, 2019 10:05:43 AM

Name *	Stewart Guthrie
Email *	guthrie@fordham.edu
Address or General Area (optional)	7898 Devonshire Way Boulder, CO 80301 United States
Phone Number (optional)	(303) 447-9592
Subject *	Emergency moratorium on gas & oil (fracking) permits

Comments, Question or Feedback *

Dear Commissioners Gardner, Jones and Jones,

My wife and I strongly urge you to enact the proposed emergency moratorium on fracking permits AT LEAST until new rules reflecting the passage of SB19-181 have been written.

As you know, Boulder County--despite the importance of its outdoor activities and open-space program--already has some of the worst air in the nation, owing mostly to fracking in Weld County. The proposed large Crestone project in our own county will make this measurably worse.

It's therefore reasonable and indeed imperative that any new fracking be subject to the most stringent controls possible. Short-term profit for a few (Canadians) cannot justify long-term degradation for many (Boulder County residents).

Thank you.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1084] - [Name: Wilder, Megan] Re: Please enact a moratorium on fracking permits/testing at your June 28 meeting
Date: Thursday, June 27, 2019 10:17:27 AM

Name *	Megan Wilder
Email *	mhouseweart@yahoo.com
Address or General Area (optional)	Boulder, CO 80302 United States
Subject *	Please enact a moratorium on fracking permits/testing at your June 28 meeting
Comments, Question or Feedback *	Please enact a moratorium on fracking permits/seismic testing at your June 28 meeting – thanks
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1085] - [Name: Pastula, Adam] Re: Temporary Moratorium
Date: Thursday, June 27, 2019 11:25:34 AM

Name *	Adam Pastula
Email *	ajmail2011@gmail.com
Organization (optional)	Mr.
Address or General Area (optional)	8130 Kincross Drive Boulder, CO 80301 United States
Subject *	Temporary Moratorium
Comments, Question or Feedback *	Saw that a meeting was being set for Friday. Given the new rules on Oil and Gas exploration and the environment, I fully support a temporary moratorium on Oil and Gas development applications and seismic testing in unincorporated Boulder County.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1086] - [Name: Knight, Joshua] Re: Fracking
Date: Thursday, June 27, 2019 2:20:41 PM

Name *	Joshua Knight
Email *	joshuanknight@gmail.com
Organization (optional)	Global Hope Network International
Address or General Area (optional)	4520 Decatur St Denver, CO 80211 United States
Phone Number (optional)	(303) 919-2872
Subject *	Fracking
Comments, Question or Feedback *	Please don't allow any fracking in Boulder!!! I was born in Boulder and am an alumni of UCB and know this is the last thing your gorgeous city needs.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1087] - [Name: Goodrich, Lisa] Re: Fracking
Date: Thursday, June 27, 2019 2:23:47 PM

Name *	Lisa Goodrich
Email *	lisagdance@gmail.com
Organization (optional)	Please Select
Address or General Area (optional)	2098 23rd St Boulder, Colorado 80302-4602
Phone Number (optional)	(303) 444-6242
Subject *	Fracking
Comments, Question or Feedback *	Please enact a temporary moratorium on oil and gas well permitting and seismic testing in Boulder County. I do not want drilling on our open space. The point of open space isn't to provide drilling opportunities. It is a loud and filthy process. I want our open space to remain clean, quiet and welcoming to everyone. Do not allow this.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1088] - [Name: Page, Mike] Re: Fracking Open Space
Date: Thursday, June 27, 2019 2:25:06 PM

Name *	Mike Page
Email *	mike@mikepage.us
Address or General Area (optional)	Lafayette United States
Subject *	Fracking Open Space
Comments, Question or Feedback *	I encourage you to enact a moratorium on processing new oil and gas permits to allow more time to develop new, more powerful protections that were made possible by the recent passage of bill SB19-181. In short ... no fracking in Open Space!!!!
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1089] - [Name: Ramsey, Jeff] Re: Crestone Drilling Moratorium
Date: Thursday, June 27, 2019 2:34:39 PM

Name *	Jeff Ramsey
Email *	jeffatsun@yahoo.com
Address or General Area (optional)	1434 James Way Erie, CO 80516 United States
Phone Number (optional)	(720) 326-3481
Subject *	Crestone Drilling Moratorium
Comments, Question or Feedback *	I'm in favor of a drilling moratorium. I think the health risks to people and wildlife are too great, and the millions of gallons of fresh water waste associated with fracking operations is frankly immoral.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1090] - [Name: Marr, Joseph] Re: Moratorium on well drilling and seismic testing
Date: Thursday, June 27, 2019 2:35:16 PM

Name *	Joseph Marr
Email *	jjmarrco@yahoo.com
Organization (optional)	BioMed, LLC
Subject *	Moratorium on well drilling and seismic testing
Comments, Question or Feedback *	I strongly urge boulder county to place a moratorium against well drilling and seismic testing. The oil and gas industry appears to be without conscience and will drill anywhere again and as often as possible. We rely on you to protect our way of living , The health of our population, and the ecology for which Colorado is famous.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1091] - [Name: Smith, Eric] Re: Enact a temporary moratorium on oil and gas well permitting and testing in our community.
Date: Thursday, June 27, 2019 2:36:47 PM

Name *	Eric Smith
Email *	glixon1966@hotmail.com
Subject *	Enact a temporary moratorium on oil and gas well permitting and testing in our community.

Comments, Question or Feedback *

I would like to encourage the commissioners to enact a lengthy moratorium on all new permits and seismic testing in Boulder County. It is very important that we push back against Crestone Peak Resources attempts to drill 100+ wells on Boulder County's open space. Reducing our carbon footprint isn't just about keeping oil, gas, and coal in the ground, it's also about retaining and expanding land that can assist us sequestrating carbon that has already been emitted. We do not have the luxury of time if we hope to make any progress in slowing down, let alone reversing climate change and all of its attendant effects.

Please enact a temporary moratorium on oil and gas well permitting and seismic testing in our community.

Regards,

Eric Smith

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1092] - [Name: REICHLIN, DOUG] Re: Drilling moratorium
Date: Thursday, June 27, 2019 2:37:27 PM

Name *	DOUG REICHLIN
Email *	dreichlin@mac.com
Organization (optional)	Colorado Rising
Address or General Area (optional)	4525 Starboard Ct Boulder , CO 80301 United States
Subject *	Drilling moratorium
Comments, Question or Feedback *	I strongly encourage the Commissioners to enact a moratorium on fracking.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1093] - [Name: Maren, Jennifer] Re: Fracking
Date: Thursday, June 27, 2019 2:45:20 PM

Name *	Jennifer Maren
Email *	jm80401@gmail.com
Address or General Area (optional)	198 Salina St Lafayette, CO 80026 United States
Subject *	Fracking
Comments, Question or Feedback *	We must institute a moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1094] - [Name: Lubow, Judy] Re: fracking permit moratorium
Date: Thursday, June 27, 2019 2:46:39 PM

Name *	Judy Lubow
Email *	judy123@indda.com
Subject *	fracking permit moratorium
Comments, Question or Feedback *	Please enact a moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181..
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1095] - [Name: Fink, Deborah] Re: moratorium on new oil and gas development applications and seismic testing
Date: Thursday, June 27, 2019 2:48:36 PM

Name *	Deborah Fink
Email *	deb@harvestthebounty.com
Address or General Area (optional)	Boulder 80305
Subject *	moratorium on new oil and gas development applications and seismic testing
Comments, Question or Feedback *	I strongly urge you to enact immediately an emergency temporary moratorium on the accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. We need time to address these issues in the context of the new law and must not be rushed or bullied by oil & gas. Thank you
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Wufoo
To:	Boulder County Board of Commissioners
Subject:	Contact County Commissioners [#1096] - [Name: Houdashelt, Mark] Re: Oil and gas well permitting and seismic testing
Date:	Thursday, June 27, 2019 2:52:49 PM

Name *	Mark Houdashelt
Email *	mark.houdashelt@gmail.com
Address or General Area (optional)	429 Lyons St. Fort Collins, CO 80521 United States
Subject *	Oil and gas well permitting and seismic testing
Comments, Question or Feedback *	Please put in place a moratorium on oil and gas well permitting and seismic testing in Boulder County. Oil and gas exploration and extraction harm the environment and public heath, and with climate change becoming more and more severe (not to mention the problems of plastic pollution and chemical use), we need to wean ourselves from this industry. This is your opportunity to protect future generations, as well as Colorado's environment and wildlife. Please don't waste it.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1097] - [Name: Elliott, Jennie] Re: Please enact a moratorium on fracking in the county
Date: Thursday, June 27, 2019 3:02:52 PM

Name *	Jennie Elliott
Email *	jennie_e823@yahoo.com
Address or General Area (optional)	2220 Tamarron Ln Lafayette, CO 80026 United States
Subject *	Please enact a moratorium on fracking in the county
Comments, Question or Feedback *	Please vote for a moratorium on fracking in the county to enable more time for reasonable regulations to be enacted for SB19-181.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1098] - [Name: Kelly, Paula] Re: Fracking in Boulder County
Date: Thursday, June 27, 2019 3:03:04 PM

Name *	Paula Kelly
Email *	pasgkelly@yahoo.com
Address or General Area (optional)	Lafayette, CO 80026 United States
Subject *	Fracking in Boulder County

Comments, Question or Feedback *

Dear Commissioners,
You are about to vote on the future of Boulder County and the environment of the earth tomorrow. Please uphold your promises to keep fracking out of Boulder and pass an extended moratorium, or better yet, BAN FRACKING permanently.
In the larger scope of things, the future of the world, human race and environment are at stake here. We need to take a strong stand against fracking on a permanent basis, not just a moratorium in order to regulate and allow fracking in the future.
I have heard so many promises from you to keep fracking out of Boulder County, I hope you do the right thing, stand by your word and protect the citizens and our precious environment, that once destroyed, we can never get back.
KEEP FRACKING OUT OF BOULDER COUNTY! !!

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1099] - [Name: Lawler, Rita] Re: Moratorium on permits
Date: Thursday, June 27, 2019 3:03:29 PM

Name *	Rita Lawler
Email *	sanchireta@earthlink.net
Address or General Area (optional)	PO BOX 796 20 Snowmass Place Longmont, CO 80504 United States
Phone Number (optional)	(303) 774-8554
Subject *	Moratorium on permits
Comments, Question or Feedback *	Enact a lengthy MORATORIUM on ALL new permits and seismic testing to allow more time for the procesing of more protections made possible by SB19-181.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1100] - [Name: Kimble, Dawn] Re: Fracking in Boulder County
Date: Thursday, June 27, 2019 3:04:09 PM

Name *	Dawn Kimble
Email *	dawn.kimble@gmail.com
Address or General Area (optional)	3980 Saint Petersburg St Boulder, CO 80301 United States
Phone Number (optional)	(303) 442-2420
Subject *	Fracking in Boulder County
Comments, Question or Feedback *	Since we are together facing a deadline of 10 years or less to drastically reverse our climate greenhouse gases or face the end of civilization, I ask you to use your power to protect all life. Please don't allow any more fracking well drilling in Boulder County. Thank you.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1101] - [Name: Markevich, Anyll] Re: Protect Boulder County
Date: Thursday, June 27, 2019 3:07:22 PM

Name *	Anyll Markevich
Email *	anyllmarkevich@gmail.com
Address or General Area (optional)	5570 Magnolia Drive Nederland, CO 80466 United States
Subject *	Protect Boulder County
Comments, Question or Feedback *	Please do everything in your power to protect boulder county from the horrors of Fracking by enacting a lengthy moratorium on all new permits and seismic testing. I am 15 years old, and I care about the climate, as it is our future. Thank you, Anyll
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1102] - [Name: Vischi, Tom] Re: Fracking moritoriumIt
Date: Thursday, June 27, 2019 3:07:52 PM

Name *	Tom Vischi
Email *	tomvischi@comcast.net
Subject *	Fracking moritoriumIt

Comments, Question or Feedback *

A recent review of numerous studies about the possible adverse impacts on health of fracking has found overwhelming evidence that fracking can and often does have adverse impacts on human health. The prudent step for Boulder to take is to put a moratorium on all new fracking in Boulder County and to seriously review and perhaps reduce current fracking activities. The fracking industry has not done enough to assure the public that fracking is safe. It seems it has not done enough to ensure that fracking is in reality safe. The burden of proof should be on the industry. The recent review of studies about fracking strongly suggests that the industry has not adequately responded and has not proved that the energy benefits of fracking are worth the health costs. Boulder County has been such a stellar leader in so many areas of health and the environment. This is a perfect opportunity for it to continue to stand for a reasonable balancing of health, environmental, and energy issues, and for it to insist that, if fracking is to be done in Boulder County at all, it ought to be done right and not at the expense of human health, and the endangering of water supplies, in a kind off-the-books subsidy to the industry.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1103] - [Name: Mahlstedt, Susan] Re: fracking
Date: Thursday, June 27, 2019 3:11:54 PM

Name *	Susan Mahlstedt
Email *	psmahlstedt@comcast.net
Address or General Area (optional)	4550 S. Meadow Drive Boulder, CO 80301 United States
Phone Number (optional)	(303) 530-7933
Subject *	fracking
Comments, Question or Feedback *	I am writing to ask you to please enact a moratorium on all new permits and seismic testing in Boulder County. There has been too little regard for the health and safety of the residents of this county and the fracking has moved dangerously close to schools and neighborhoods - in addtion to occuring on our precious open space. Thank-you.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1104] - [Name: Kelly, Paula] Re: Fracking
Date: Thursday, June 27, 2019 3:15:22 PM

Name *	Paula Kelly
Email *	pasgkelly@yahoo.com
Address or General Area (optional)	Lafayette, CO 80026 United States
Subject *	Fracking
Comments, Question or Feedback *	Addendum to my previous letter: Keep fracking out of all of Boulder County, not just unincorporated Boulder County!
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1105] - [Name: Rhodes, Larissa] Re: Enact moratorium!
Date: Thursday, June 27, 2019 3:15:54 PM

Name *	Larissa Rhodes
Email *	larissa@finalhourfilms.com
Address or General Area (optional)	Longmont, CO 80501
Subject *	Enact moratorium!
Comments, Question or Feedback *	I urge the committee to enact a lengthy temporary moratorium on oil and gas well permitting and seismic testing in our community. Our air quality in CO is already suffering as a result of oil and gas activity. Please do what is right to protect our community and our enviornment from unnecessary harm.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1106] - [Name: Yoder, Steve] Re: Re: Stop Fracking in Boulder County: Commissioners to vote on Moratorium Friday 6/28/2019
Date: Thursday, June 27, 2019 3:22:14 PM

Name *	Steve Yoder
Email *	yodersay@yahoo.com
Address or General Area (optional)	80305
Subject *	Re: Stop Fracking in Boulder County: Commissioners to vote on Moratorium Friday 6/28/2019
Comments, Question or Feedback *	we oppose drilling operations in our community of Boulder and Boulder County. We must demand a moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1107] - [Name: O"Brien, Becky] Re: I support the moratorium on oil and gas well permitting
Date: Thursday, June 27, 2019 3:34:40 PM

Name *	Becky O'Brien
Email *	threeobriens@hotmail.com
Address or General Area (optional)	306 W. Geneseo St. Lafayette, CO 80026 United States
Subject *	I support the moratorium on oil and gas well permitting
Comments, Question or Feedback *	I strongly support the temporary moratorium you are considering on oil and gas well permitting! Precautionary principle is best and thank you for keeping our community safe!
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Wufoo
To:	Boulder County Board of Commissioners
Subject:	Contact County Commissioners [#1108] - [Name: Crawford, Mark] Re: Enacting Fracking Moratorium on all new permits
Date:	Thursday, June 27, 2019 3:36:02 PM

Name *	Mark Crawford
Email *	crawfordrhodes@gmail.com
Address or General Area (optional)	327 S Parkside Drive Longmont, CO 80501 United States
Phone Number (optional)	(303) 517-2924
Subject *	Enacting Fracking Moratorium on all new permits

Comments, Question or Feedback *

Dear Boulder County Commissioners,

Regarding tomorrow's meeting, I would like to encourage you to enact a lengthy moratorium on all new fracking permits within Boulder County. My wife and I live in Longmont, CO, close enough to feel the health impacts from where the wells will be installed. In the next few years, we may be trying to have a child, but studies have shown that living close to well sites can cause birth complications. We would hate to see the place we've lived, worked, and cherished our whole lives be subject to an uncontrolled experiment which could hurt many for years to come. Coloradans deserve better than this.

Sincerely,
Mark

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1109] - [Name: Lane, Kristina] Re: Moratorium on fracking in Boulder County
Date: Thursday, June 27, 2019 3:38:07 PM

Name *	Kristina Lane
Email *	klane@earthnet.net
Address or General Area (optional)	1500 Balsam Ave Boulder, CO 80304 United States
Subject *	Moratorium on fracking in Boulder County
Comments, Question or Feedback *	I have lived in Boulder since the 1980's and have lived in Colorado most of my life. Clean air and water is very important to me. I work with small children, many who have difficulty with respiratory issues. The air quality of the day dictates whether they can leave the house. We need to care for all of our community, not just those with money. I oppose fracking near open space and near reservoirs. There is significant evidence that this poses serious health risks. It is time to support clean air and the health of our citizens.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1110] - [Name: Jones, Karen] Re: Enact a temporary moratorium on oil and gas well permitting and seismic testing
Date: Thursday, June 27, 2019 3:38:21 PM

Name *	Karen Jones
Email *	jonesreally01@msn.com
Organization (optional)	Ms.
Address or General Area (optional)	4731 W Yale Ave Denver, CO 80219 United States
Phone Number (optional)	(303) 922-2341
Subject *	Enact a temporary moratorium on oil and gas well permitting and seismic testing
Comments, Question or Feedback *	I am respectfully requesting a moratorium on processing new oil and gas permits to allow more time to enact and implement the new protections and regulations that will be implemented by the recent passage of bill SB19-181. thank you Karen
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1111] - [Name: Reilly-McNellan, Mary] Re: Emergency Temporary Fracking Moratorium
Date: Thursday, June 27, 2019 3:39:55 PM

Name *	Mary Reilly-McNellan
Email *	m.mcnellan@msn.com
Address or General Area (optional)	4633 Jameston St. Boulder, CO 80301 United States
Subject *	Emergency Temporary Fracking Moratorium
Comments, Question or Feedback *	Please! As an asthmatic and resident of Heatherwood I am requesting that you place an immediate moratorium on the acceptance and processing of any new oil and gas development applications and seismic testing in unincorporated Boulder County. I was shocked to learn that Boulder County air quality is regularly compromised as a result of the drilling/fracking in nearby Weld County. Please help me to breathe by putting in place an emergency temporary fracking moratorium. Thank you.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1112] - [Name: Chevallier, Sylvie] Re: Enact a Moratorium to Protect Boulder Cty from Fracking!
Date: Thursday, June 27, 2019 3:48:46 PM

Name *	Sylvie Chevallier
Email *	sylvie4@gmail.com
Address or General Area (optional)	4500 19th St. Lot 543 Boulder, CO 80304 United States
Phone Number (optional)	(303) 442-1480
Subject *	Enact a Moratorium to Protect Boulder Cty from Fracking!
Comments, Question or Feedback *	Dear Commissioners, I truly hope this is a no-brainer for all of you - please enact a long moratorium against fracking in our county! You know how many people in Boulder County support this, so please do what the people want - and you will be protecting your own and your families' health, too. I am a 40-year resident of Boulder and do not want to see and breath further destruction of our beautiful environment from fracking. Please do the right thing - (or step down from you commissioner position.) Thank you very much, Sylvie Chevallier
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Wufoo
To:	Boulder County Board of Commissioners
Subject:	Contact County Commissioners [#1113] - [Name: Perry, Gabriel] Re: Boulder County Commissioner Meeting, 28-Jun-2019 - My Brief Comments
Date:	Thursday, June 27, 2019 3:49:10 PM

Name *	Gabriel Perry
Email *	flupe@flupe.com
Address or General Area (optional)	Colorado Boulder
Subject *	Boulder County Commissioner Meeting, 28-Jun-2019 - My Brief Comments

Comments, Question or Feedback *

Dear Commissioners,

I am unable to attend tomorrow's meeting as I will be working. Please extend the moratorium on fracking indefinitely. We don't need more studies, we don't need more data. We already know fracking is incredibly dangerous to our health and wildlife: our air, water and soil, etc.

We know the extractive processes in fracking are incredibly dirty and extremely bad for our environment. We know fossil fuels are destroying our atmosphere (and oceans) and we have very little time to turn things around before our climate is irreversibly damaged, which would then in turn most likely destroy all life on our planet. We may even see this destruction happen within our lifetime.

How does any of this make sense? We need to declare a state of emergency and get to work fixing our energy systems, etc. We need to stop drilling immediately. The industry has done enough damage and they need to be stopped.

Please stop Crestone Peak Resources from drilling within Boulder County near Niwot. The madness has to stop. We have to take a stand once and for all to stop the oil and gas industry. The time to act is now. I implore you.

Sincerely,

~gabriel perry

Please check box below * • I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1114] - [Name: Brown, Janice] Re: drilling permits
Date: Thursday, June 27, 2019 3:50:54 PM

Name *	Janice Brown
Email *	stargazejb@aol.com
Address or General Area (optional)	3808 S Elati St Englewood, CO 80110 United States
Phone Number (optional)	(303) 781-1477
Subject *	drilling permits
Comments, Question or Feedback *	Please put a moratorium on any drilling permits. The COGCC is issuing permits without the rules being written on SB-181. That's insane! Oil & gas are polluting our air and water. We had 596 oil & gas leaks in Colorado in 2018 including half-dozen in Boulder County. Please protect your public's' health and safety!
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1115] - [Name: Dean, Sue E.] Re: Fracking moratorium
Date: Thursday, June 27, 2019 3:57:52 PM

Name *	Sue E. Dean
Email *	deanks@juno.com
Address or General Area (optional)	849 Widgeon Drive Longmont, CO 80503-3669 United States
Phone Number (optional)	(303) 555-1212
Subject *	Fracking moratorium
Comments, Question or Feedback *	Please join these other Coloorado cities :Lafayette, Broomfield, Erie, Superior, Berthoued , Tin-math and Adams Count by taking the common sense precaution of passing temporary moratoria to give local residents time to revise and strengthen their oil and gas regulations. It is high time that Boulder County does this too.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1116] - [Name: Bhatt, Suzanne] Re: oil and gas moratorium
Date: Thursday, June 27, 2019 4:01:05 PM

Name *	Suzanne Bhatt
Email *	randsbhatt2001@yahoo.com
Address or General Area (optional)	2421 Briarwood Dr Boulder, CO 80305
Subject *	oil and gas moratorium

Comments, Question or Feedback *

Thank you for addressing the issue of a moratorium on drilling and fracking in Boulder County. I strongly support a lengthy moratorium on all oil and gas activity and seismic testing in the county and hope you will vote yes on this measure. We are already very concerned about the level of pollution in Boulder due to the high level of wells in Weld County and would strongly oppose any new well pads in the area, which would contribute to ozone and health issues. I also am very opposed to any drilling on open space land, which was purchased for the purpose of protecting our local environment, and the suggestion that wells could be placed on this land is antithetical to this vision. Thank you for your consistent stance in protecting Boulder County's environment and quality of life.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1117] - [Name: stockwell, m] Re: extraction
Date: Thursday, June 27, 2019 4:02:53 PM

Name *	m stockwell
Email *	yogamews@aol.com
Address or General Area (optional)	boulder, co 80301
Subject *	extraction
Comments, Question or Feedback *	Please enact a moratorium on oil/gas extraction. If we can delay, delay, eventually we can get trump out of the White House and get this industry under our boot. Life on Earth depends on it, and so does life in Boulder County.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1118] - [Name: Britton, Michael] Re: Moratorium on Oil and Gas Drilling
Date: Thursday, June 27, 2019 4:03:32 PM

Name *	Michael Britton
Email *	mbritton03@hotmail.com
Address or General Area (optional)	40 S BOULDER CIR APT 4028 Boulder, CO 80303 United States
Phone Number (optional)	(303) 641-1393
Subject *	Moratorium on Oil and Gas Drilling
Comments, Question or Feedback *	I live in Boulder and value our open spaces and our (relatively) clean air and groundwater. I'm calling on the Boulder County Board of Commissioners to enact an immediate moratorium on all oil and gas drilling.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1119] - [Name: Doherty, Anne Marie] Re: Please! Enact a lengthy moratorium on all new permits and seismic testing
Date: Thursday, June 27, 2019 4:08:31 PM

Name *	Anne Marie Doherty
Email *	girlastronaut@yahoo.co
Address or General Area (optional)	80305 United States
Subject *	Please! Enact a lengthy moratorium on all new permits and seismic testing
Comments, Question or Feedback *	I strongly oppose drilling operations in our community. We need a moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1120] - [Name: Boll, Katherine] Re: Fracking and seismic testing
Date: Thursday, June 27, 2019 4:15:58 PM

Name *	Katherine Boll
Email *	kpb256@gmail.com
Address or General Area (optional)	Broomfield, CO 80023 United States
Subject *	Fracking and seismic testing
Comments, Question or Feedback *	Dear Commissioners, It is unconscionable to allow the oil and gas industry to poison the environment and risk the health and welfare of the environment, humans and wildlife. Please enact a temporary but lengthy moratorium on oil and gas well permitting and seismic testing. More time is needed to enact the protections that were made possible by the passage of SB19-181. Respectfully, Katherine Boll
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1121] - [Name: Gillespie, Lisa] Re: Commissioner"s vote on fracking moratorium
Date: Thursday, June 27, 2019 4:16:11 PM

Name *	Lisa Gillespie
Email *	lisamgillespie@msn.com
Organization (optional)	Ms.
Address or General Area (optional)	2513 Briarwood Dr Boulder, CO 80305 United States
Phone Number (optional)	(303) 494-8820
Subject *	Commissioner's vote on fracking moratorium

Comments, Question or Feedback *

Hi - As a 33 year resident of Boulder, I'm contacting you to request that you will consider enacting a temporary moratorium on oil and gas well permitting and seismic testing in our community.
I feel it is in the best interests of our citizens to pass this moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181. The people of our state want this.
As a volunteer for Boulder OSMP I would hate to see any part of our beautiful open space turned over to oil and gas extraction. This is not what we agreed to pay for when we decided to tax ourselves to buy open space.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1122] - [Name: Dunn, Pat] Re: Fracking Boulder County"s open Space
Date: Thursday, June 27, 2019 4:26:27 PM

Name *	Pat Dunn
Email *	patdunn4@comcast.net
Organization (optional)	Ms
Address or General Area (optional)	12568 E Alaska Pl Aurora, CO 80012 United States
Phone Number (optional)	(303) 360-8774
Subject *	Fracking Boulder County's open Space
Comments, Question or Feedback *	I feel it would be very unwise to allow fracking by Crestone Peak Resource (100 plus wells) in Boulder County's open space and very close to a reservoir. This could turn out to be a catastrophe concerning our water. Please deny these permits ! !
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Wufoo
To:	Boulder County Board of Commissioners
Subject:	Contact County Commissioners [#1123] - [Name: bailey , maria] Re: Oppose drilling operations in our community
Date:	Thursday, June 27, 2019 4:33:30 PM

Name *	maria bailey
Email *	mariafbailey@gmail.com
Organization (optional)	Maria Bailey
Address or General Area (optional)	2210 Grape Ave Boulder, CO 80304 United States
Phone Number (optional)	(970) 274-2314
Subject *	Oppose drilling operations in our community
Comments, Question or Feedback *	County Commissioners, I oppose drilling operations in our community. I demand a moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181. Thank your for your service and supporting the voice of boulder residents. Maria Bailey boulder resident
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1124] - [Name: Fox, Michelle] Re: Support for moratorium on oil and gas well permitting and seismic testing
Date: Thursday, June 27, 2019 4:37:34 PM

Name *	Michelle Fox
Email *	michelleffox@gmail.com
Address or General Area (optional)	839 Mapleton Avenue Boulder 80304 United States
Phone Number (optional)	(703) 283-3319
Subject *	Support for moratorium on oil and gas well permitting and seismic testing
Comments, Question or Feedback *	Dear Commissioners, I'm writing to express my strong support for the proposed moratorium on oil and gas well permitting and seismic testing. As a long time resident, I oppose drilling operations in our community. Thank you, Michelle Fox
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1125] - [Name: Williams, Heather] Re: Oil & Gas Moratorium
Date: Thursday, June 27, 2019 4:38:33 PM

Name *	Heather Williams
Email *	histratton@mac.com
Organization (optional)	Boulder County/Gunbarrel resident
Address or General Area (optional)	4625 Kirkwood Court Boulder, CO 80301 United States
Phone Number (optional)	(303) 530-4282
Subject *	Oil & Gas Moratorium

Comments, Question or Feedback *

Hi Heather,

As a resident of Heatherwood/Gunbarrel, I have received a letter from oil and gas seeking my mineral rights for oil & gas extraction under my home. I do not want this, for the many reasons of which I am sure you are aware.

Please enact a temporary moratorium on oil and gas well permitting and seismic testing in our community. Crestone Peak Resources has recently restarted the initial permitting steps to drill 100+ wells on Boulder County's open space, and very close to a reservoir (map). This must not be allowed to happen before the County has had time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181.

Thank you!

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1126] - [Name: Reeck, Thomas] Re: No More Fracking in Boulder County
Date: Thursday, June 27, 2019 4:43:04 PM

Name *	Thomas Reeck
Email *	tomreeck@yahoo.com
Address or General Area (optional)	239 Jackson Dr Erie, Colorado 80516 United States
Subject *	No More Fracking in Boulder County
Comments, Question or Feedback *	As a resident of Boulder County I am opposed to the continued fracking of our land with its overwhelmingly negative effects on the land, water, air, wildlife, and human health.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1127] - [Name: Sunfield, Pat] Re: Moratorium on fracking
Date: Thursday, June 27, 2019 4:55:30 PM

Name *	Pat Sunfield
Email *	psunfield@aol.com
Subject *	Moratorium on fracking
Comments, Question or Feedback *	Please!! Fracking is only for selfish rich thoughtless polluters. Stop it in Boulder, Colorado US and worldwide. This is corrupt pollution.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1128] - [Name: O"Sullivan, Brett] Re: Please enact a lengthy moratorium on all new permits and seismic testing for oil/gas.
Date: Thursday, June 27, 2019 4:58:11 PM

Name *	Brett O'Sullivan
Email *	brettbos@yahoo.com
Address or General Area (optional)	80026
Subject *	Please enact a lengthy moratorium on all new permits and seismic testing for oil/gas.
Comments, Question or Feedback *	This is absolutely vital to help protect our beautiful home from catastrophic environmental impacts.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1129] - [Name: Neal, Gail] Re: Moratorium on gas/oil drilling Boulder County
Date: Thursday, June 27, 2019 5:10:54 PM

Name *	Gail Neal
Email *	elizneal@gmail.com
Address or General Area (optional)	1550 Violet Boulder, CO 80304 United States
Subject *	Moratorium on gas/oil drilling Boulder County
Comments, Question or Feedback *	Please enact the moratorium on drilling in Boulder County Open Space. Given the recent developments in the laws/rules governing drilling it is wrong to allow this rush of new drilling now. Public sentiment is firmly behind the moratorium. PLEASE. Gail Neal
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1130] - [Name: Zimmerman, Gary] Re: Moratorium on Fracking in Boulder County
Date: Thursday, June 27, 2019 5:12:39 PM

Name *	Gary Zimmerman
Email *	zimmerman.gary@comcast.net
Address or General Area (optional)	Longmont 80501
Subject *	Moratorium on Fracking in Boulder County
Comments, Question or Feedback *	I am writing to encourage the county commissioners to enact a temporary moratorium on new drilling in the county. The natural world is unbelievably beautiful and we should fight and claw for every remaining piece of beauty and wildness.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1131] - [Name: Cori, Jasmin] Re: moratorium on applications for fracking
Date: Thursday, June 27, 2019 5:14:30 PM

Name *	Jasmin Cori
Email *	jasmin@jasmincori.com
Address or General Area (optional)	4945 Twin Lakes Rd, Apt 44 Boulder, CO 80301 United States
Subject *	moratorium on applications for fracking
Comments, Question or Feedback *	Thank you for considering an emergency temporary moratorium on fracking in unincorporated Boulder County. It seems to me appropriate to do so, so that the SB19-181 is not irrelevant to Crestone moving ahead and skirting the will of the legislature. We cannot continue to allow industry to make its irrevocable impact by beating the new rules yet to be finalized.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1132] - [Name: Pionek, Laura] Re: Moratorium
Date: Thursday, June 27, 2019 5:18:55 PM

Name *	Laura Pionek
Email *	lpionek13@gmail.com
Address or General Area (optional)	1361 Washburn St. Erie, CO 80516 United States
Subject *	Moratorium
Comments, Question or Feedback *	I live in Boulder County, although within the town of Erie and I would like to encourage you to enact the temporary moratorium on new oil and gas permits, most especially in our open spaces. Please consider protecting our county from further environmental destruction... our state is known for its beauty but with our quickly deteriorating air and water quality we are on track to become a wasteland.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1133] - [Name: Laverdure, Ellen] Re: Moratorium on oil and gas well permitting
Date: Thursday, June 27, 2019 5:19:59 PM

Name *	Ellen Laverdure
Email *	ellenlaverdure@yahoo.com
Organization (optional)	Ms
Address or General Area (optional)	801 East Chester Street Lafayette, CO 80026-2219 United States
Phone Number (optional)	(303) 917-6346
Subject *	Moratorium on oil and gas well permitting
Comments, Question or Feedback *	I urge you to pass a very lengthy moratorium on ll new permits and seismic testing. Thank you for listening.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1134] - [Name: Burns, David] Re: Drilling / Fracking Moratorium
Date: Thursday, June 27, 2019 5:26:42 PM

Name *	David Burns
Email *	dcb1995@comcast.net
Address or General Area (optional)	1023 West Alder ST Louisville, colorado 80027 United States
Subject *	Drilling / Fracking Moratorium
Comments, Question or Feedback *	I support a temporary moratorium on any fossil fuels exploitation in Boulder County until the COGCC finishes its rule-making process under SB-181, especially as I feel that the medical impacts of fracking are negative for many citizens. I refer you to the PSR Compendium for more evidence. https://www.psr.org/blog/resource/compendium-of-scientific-medical-and-media-findings-demonstrating-risks-and-harms-of-fracking/
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1135] - [Name: Stone, Sheila] Re: Moratorium on new permits and seismic testing
Date: Thursday, June 27, 2019 5:29:59 PM

Name *	Sheila Stone
Email *	sheilastone@indra.com
Address or General Area (optional)	1003 Willow Pl Lafayette, CO 80026 United States
Subject *	Moratorium on new permits and seismic testing
Comments, Question or Feedback *	I fully support a lengthy moratorium on processing new oil and gas permits and seismic testing. This will allow more time to enact new, more powerful protections made possible by the passage of bill SB19-181. I am very strongly opposed to drilling operations in our community, especially on open space. Please do all you can to protect our environment. Thank you.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1136] - [Name: OBoyle, Carrie] Re: Moratorium on fracking and drilling
Date: Thursday, June 27, 2019 5:37:26 PM

Name *	Carrie OBoyle
Email *	coboe@tds.net
Address or General Area (optional)	7142 Old Post Rd Boulder, CO 80301 United States
Subject *	Moratorium on fracking and drilling

Comments, Question or Feedback *

As a resident of Gunbarrel, we moved to colorado from Madison, WI eight years ago to seek a better balance of life. One of the major appeals of Gunbarrel was its country setting and open spaces. I am devastated by the fracking going on in colorado and I read about the huge environmental impact it has on our air, water and health. I am a thyroid cancer survivor so this is even more imperative to me and I have two young boys growing up here and I am terrified about the health implications of nearby fracking. Please consider enacting an Emergency Temporary Moratorium on the Accepting and Processing of New Oil and Gas Development Applications and Seismic Testing in unincorporated Boulder County.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1137] - [Name: Wallace , Amanda] Re: Pass a moratorium on any new fracking permits
Date: Thursday, June 27, 2019 5:50:33 PM

Name *	Amanda Wallace
Email *	wallilove@yahoo.com
Address or General Area (optional)	1907 Kristy Court Longmont, CO 80504 United States
Phone Number (optional)	(303) 485-7177
Subject *	Pass a moratorium on any new fracking permits
Comments, Question or Feedback *	I oppose fracking and drilling operations in our community. There is already alarming evidence that fracking causes health and safety risks and contributes to the rise carbon emissions. Please do all that is in your power to stand up for the residents of the community your represent.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1138] - [Name: Bretz, Laurie] Re: Oil and Gas activities-MORATORIUM
Date: Thursday, June 27, 2019 5:54:56 PM

Name *	Laurie Bretz
Email *	info@bretzfinance.com
Phone Number (optional)	(303) 995-6950
Subject *	Oil and Gas activities-MORATORIUM
Comments, Question or Feedback *	Please set a long moratoria on all oil and gas activities, including existing ones.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1139] - [Name: Whitehead, Melanie] Re: Fracking hwy 52/287
Date: Thursday, June 27, 2019 5:58:59 PM

Name *	Melanie Whitehead
Email *	melanielynns.mail@gmail.com
Address or General Area (optional)	Gunbarrel
Subject *	Fracking hwy 52/287
Comments, Question or Feedback *	I absolutely oppose Crestone Being allowed to put 141 new wells in between highways 52 and 287. I am sure you are aware of the horrific health impact this will have to our community. Please consider our children and our families. Please deny Crestone a permit to put wells in. I know you will do the right thing for our families and Boulder. Thank you.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1140] - [Name: Leonhardt, Theresa] Re: Fracking in Boulder County
Date: Thursday, June 27, 2019 6:36:25 PM

Name *	Theresa Leonhardt
Email *	Leonhardttf@gmail.com
Address or General Area (optional)	Littleton, Colorado 80127 United States
Subject *	Fracking in Boulder County
Comments, Question or Feedback *	I'm against adding any more drilling sites at all when we have alternative methods to pursue. Logically, do we plan to keep on drilling until every drop of oil is squeezed out and our planet is left unsustainable? The time to begin earnest change is now, while we still have plenty of oil in reserves (over 2500 gigatons)..
Attach a File (optional)	lettertopost.odt 14.79 KB · ODT
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Leslie Weise
To: Boulder County Oil and Gas Comment; Sanchez, Kimberly; Jones, Elise
Subject: Moratorium and Ban
Date: Thursday, June 27, 2019 7:37:32 PM

Dear Boulder County Representatives:

Thank you for holding a hearing tomorrow to discuss a possible moratorium on oil and gas drilling in Boulder County. I am not able to make it to the hearing, but wanted to express my support for a moratorium, and to request that the duration for a moratorium must be tied to the completion of rule-making by the COGCC and by Boulder County under the new law SB 19-181. After all, how can any new permits for drilling even be considered until the new state and local rules are finalized?

Above all, aside from a much needed moratorium to pause permitting until new local and state rules are finalized, I also wanted to express my support for an **all-out ban** on new drilling permits in the County. I believe there is support for a ban under the new law, and likely support by a majority of residents in the County.

Thank you for your consideration of my comments and requests.
Best regards,
Leslie Weise
Niwot, CO
303.523.0016

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1141] - [Name: Wehinger, Jenny] Re: Oppose Drilling Operations on Open Space!
Date: Thursday, June 27, 2019 7:39:23 PM

Name *	Jenny Wehinger
Email *	jenwehinger@yahoo.com
Address or General Area (optional)	Portside Way Boulder, CO 80301 United States
Subject *	Oppose Drilling Operations on Open Space!
Comments, Question or Feedback *	Boulder is known to have a long history or protecting our Open Space and Mountain Parks. Please take whatever measure to stop oil and gas drilling on our unique and beautiful protected lands so they may be enjoyed for generations to come!
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1142] - [Name: Shepherd, John] Re: oil and gas extraction
Date: Thursday, June 27, 2019 7:39:53 PM

Name *	John Shepherd
Email *	jcscms@comcast.net
Address or General Area (optional)	Boulder, CO 80305 United States
Subject *	oil and gas extraction
Comments, Question or Feedback *	You must not allow the removal of oil and gas from land within the county of Boulder, CO. The health of our current citizens and future generations depends on mediating climate change by leaving fossil fuels in the ground.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1143] - [Name: Mujica-Steiner, Michaela] Re: Fracking moratorium
Date: Thursday, June 27, 2019 7:48:23 PM

Name *	Michaela Mujica-Steiner
Email *	michaela.mujica.steiner@sustainus.org
Address or General Area (optional)	3565 Martin Drive Boulder, CO 80305 United States
Subject *	Fracking moratorium
Comments, Question or Feedback *	Hello, I'm writing to just let you know that I support a fracking moratorium. Best, Michaela
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1144] - [Name: Pais, Gregory] Re: Frackng in Boulder County
Date: Thursday, June 27, 2019 7:52:23 PM

Name *	Gregory Pais
Email *	paisnd@yahoo.com
Address or General Area (optional)	206 Aspen Meadows Rd Nederland, Colorado 80466 United States
Subject *	Frackng in Boulder County
Comments, Question or Feedback *	I encourage the Commissioners to enact a lengthy moratorium on all new permits and seismic testing.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Kimberley Rivero
To:	Boulder County Oil and Gas Comment
Subject:	O&G Moratorium
Date:	Thursday, June 27, 2019 7:58:47 PM

Dear Boulder County Commissioners - Thank you very much for considering a moratorium on new oil & gas permits. This is the right decision and I support it completely.

I ask that you consider running this moratorium for the duration of the rulemaking process for SB10-181. It is common sense that we need the new rules in place before we decide on new permits.

Thanks, Kim
~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~
Kimberley Rivero
The Lookout Alliance
Cell: 720.341.2869
~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1145] - [Name: Turner, Jessica] Re: Fraking and other oil development
Date: Thursday, June 27, 2019 8:44:55 PM

Name *	Jessica Turner
Email *	jeturner89@gmail.com
Address or General Area (optional)	Longmont, CO 80503 United States
Subject *	Fraking and other oil development

Comments, Question or Feedback *

I oppose drilling operations in our community. Your citizens demand a moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181. We know that these O&G projects cause health problems for the communities, only economics and law haven't caught up yet. Government should exist to protect it's people, not corporations, and Crestone isn't even a local company - it was created as the CO local operation for a Canadian pension fund, and the money from it will not help the people who will be harmed.

Protect your citizen, not some theoretical economic benefit.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Angela Lortie
To:	Boulder County Oil and Gas Comment
Subject:	Moratorium
Date:	Thursday, June 27, 2019 8:56:14 PM

Please please please enact a new moratorium on oil and gas development in Boulder County.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Angela Lortie

Sent from my iPhone

From:	Angela Lortie
To:	Boulder County Board of Commissioners
Subject:	Oil and gas moratorium
Date:	Thursday, June 27, 2019 9:05:05 PM

Please support enacting a new moratorium on oil and gas development in Boulder County.

I am increasingly concerned about fracking's effects on our health and the environment. With the passage of SB19-181, more time is needed for COGCC rulemaking and Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules on air emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law.

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Angela Lortie
5278 Spotted Horse Trail
Boulder, CO 80301

Sent from my iPhone

From: Shawn Lortie
To: Boulder County Board of Commissioners
Subject: Oil and gas moratorium
Date: Thursday, June 27, 2019 9:16:41 PM

Please support enacting a new moratorium on oil and gas development in Boulder County.

I am increasingly concerned about fracking's effects on our health and the environment. With the passage of
SB19-181, more time is needed for COGCC rulemaking and Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules on air emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law.

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Shawn Lortie
5278 Spotted Horse Trail
Boulder, CO 80301

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1147] - [Name: Dearth, Jennifer] Re: Drilling moratorium - please pass!
Date: Thursday, June 27, 2019 9:31:15 PM

Name *	Jennifer Dearth
Email *	niferrr@gmail.com
Address or General Area (optional)	4191 Westcliffe Ct Boulder, Colorado 80301
Subject *	Drilling moratorium – please pass!
Comments, Question or Feedback *	I'm a concerned citizen and believe that a drilling moratorium is important to the majority of Boulder residents. Part of the reason my family moved here was because of the outdoors. I have to young kids and I'm worried about the pollution, and all the other negative impacts of drilling (especially fracking). Thank you for your time and consideration!
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Robin Richardson
To:	Boulder County Oil and Gas Comment
Subject:	Pass Oil and Gas Moratorium
Date:	Thursday, June 27, 2019 9:37:05 PM

Hi... I am a resident of Gunbarrel and I have a 7 year old daughter with health issues. Please vote for a Moratorium on all new oil and gas permits for wells in this area. I am especially concerned about the new proposed site at the corner of Hwy 287 and Hwy 52. Please protect our children's health by keeping the water and air clean. Also we need seismic testing before allowing any more new wells and even more importantly studies on the cumulative environmental and health impacts of fracking.

Thank you,
Robin

--

Robin Richardson
Come Home To Your SELF
Transpersonal Psychotherapist, LPC
www.holobeingllc.com/robin-richardson-ma/
(m): (303) 818-9257

From:	Amy Allen
To:	Boulder County Oil and Gas Comment
Subject:	Please enact a moratorium on oil and gas application processing
Date:	Thursday, June 27, 2019 9:55:53 PM

Dear Commissioners,

Thank you for your efforts to protect Boulder County from fracking. I firmly believe, as you may as well, that the urgency of the climate crisis demands an end, full stop, to new oil and gas extraction projects. I hope that you will continue your efforts in this vein by enacting a moratorium on oil and gas development applications for one year, or the duration of the SB 19-181 rulemaking process, whichever is longer, with the goal of ultimately ensuring that no fracking occurs in Boulder County. At the very least, we must ensure that rules to implement SB 19-181 are complete before evaluating any fracking-related applications.

Sincerely,
Amy Allen
2935 College Ave, #123
Boulder, CO, 80303

From:	Lisa Van Damme
To:	Boulder County Oil and Gas Comment
Cc:	Pat
Subject:	Moratorium on O&G
Date:	Thursday, June 27, 2019 9:59:13 PM

To my County Commissioners,

I request your approval of a **moratorium on all new oil & gas applications** for the duration of the SB-181 rule-making process.

Thank you
Lisa Van Damme
Gunbarrel Resident.

From:	Gabrielle Katz
To:	Boulder County Oil and Gas Comment
Subject:	Moratorium needed!
Date:	Thursday, June 27, 2019 10:08:13 PM

Dear Commissioners,

I am delighted to see that you will be voting on an emergency oil and gas moratorium tomorrow!

I am writing to reiterate my strong support for a moratorium! Further, I think it would be appropriate to have a moratorium that extends for the full duration of the SB19-181 rulemaking, and the revisions of Article 12 at the local level. After all, how can we approve permits when we don't even know what the new state and local rules and regulations are?

Boulder County should be at the forefront, pushing the envelope to see how we can use SB19-181 to protect health safety, welfare and the environment!

Thank you,
Gabrielle Katz
Heatherwood, Boulder County

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1148] - [Name: Webb, Randee] Re: Moratorium on oil & gas permits and seismic testing
Date: Thursday, June 27, 2019 10:14:21 PM

Name *	Randee Webb
Email *	rwebb153@hotmail.com
Address or General Area (optional)	Aurora, CO 80014
Subject *	Moratorium on oil & gas permits and seismic testing

Comments, Question or Feedback *

Your hands are finally untied when it comes to protecting Boulder from many of the harms of fracking; for example, local governments now have the first say on each siting of wells/pads and other oil & gas facilities -- based on health, safety, welfare, environment in each case per the signing into law on April 16, 2019, of Colorado SB19-181.

Boulder's air affects the entire Front Range, state, ...; and I care about people's breathing, like it's a matter of life & death for me as an asthmatic, growing children, and, hey, all living beings. Water from Boulder, Aurora, or elsewhere is destroyed forever by fracking too polluted to really clean; we are a semi-arid state heading into water shortages due to climate change, increased hotter fires, and fracking's removal of water from all healthy water venues. Fracking harms go on and on.

PLEASE take time - pause all permits, including Operator Agreements, by a lengthy moratorium to allow yourselves an appropriate time to consider health studies (such as the recently published 6th Compendium analyzing 1,500 studies) and the Climate Crisis info from IPCC, as well as working with other local governments who have declared permitting moratoriums, many local scientists and residents who have studied fracking, including groups like Colorado Rising.

Did you see the video of seismic testing "invasion"? It's truly traumatic. Shaking of the ground - obviously not good for the planet - and certainly not good for homes' and other buildings' foundations. Most, if not all, property insurance will not cover damages, which may show up later, from earthquakes or from human caused fracturing? It's not good for health or welfare. Please pause seismic testing permits until you can, at the very least, develop protective code.

Please check box below * • I acknowledge receipt of the Open Records Notification

From:	Renee Hummel
To:	Boulder County Board of Commissioners
Subject:	Support the Fracking Moratorium
Date:	Thursday, June 27, 2019 10:19:28 PM

Dear Commissioners,

You've heard all the arguments against fracking. I won't repeat. Please, just do the right thing for people and the planet, and vote yes on a fracking moratorium.

Thank you,

Renée Hummel

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1149] - [Name: link, mary] Re: moritorium on fracking
Date: Thursday, June 27, 2019 11:55:36 PM

Name *	mary link
Email *	merrymary81@yahoo.com
Subject *	moritorium on fracking
Comments, Question or Feedback *	Please please reflect the wishes and concerns of we citizens of Boulder county and vote for a moritorium on fracking our area! This whole issue is proven to be dangerous, highly polluting, and we do not want this! Thank you.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1150] - [Name: Gray, Crystal] Re: Enact Moratorium on new oil and gas permits
Date: Friday, June 28, 2019 3:07:01 AM

Name *	Crystal Gray
Email *	graycrystal@comcast.net
Address or General Area (optional)	1709 Spruce Street Boulder, CO 80302
Subject *	Enact Moratorium on new oil and gas permits
Comments, Question or Feedback *	Dear Commissioners, Please pass a moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181. I was so darn mad to read that last year there were 16,000 gallons of fluids spilt by oil and gas companies in Colorado and yet the oil and gas companies were running ads to try to get legislators to vote against SB 19-181. What hypocrisy! Use all the powers you have to protect the health of Boulder County residents. Respectfully, Crystal Gray
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Jane Angulo
To:	Boulder County Oil and Gas Comment
Subject:	Please vote for a moratorium!
Date:	Friday, June 28, 2019 6:31:01 AM

Please vote yes on a moratorium on oil and gas drilling in Boulder County.
Thank you,
Jane Angulo
5130 Buckingham Rd BO, Co. 80301
720-837-0626

Sent from my iPad

From:	Ryan Portrey
To:	Boulder County Board of Commissioners
Subject:	Oil & Gas Moratorium
Date:	Friday, June 28, 2019 7:09:39 AM

As a resident of Boulder County and concerned citizen of Colorado, I am asking for an Oil & Gas Moratorium for today's vote and an eventual ban in the future.

We have countless reports from the science community around the world, and real world evidence of a climate crisis directly related to fossil fuel exploration and consumption. The fossil fuel industry was well aware of this decades ago in recent documents that have now become public. The latest UN report by Philip Alston on climate change is very clear, continuing with this current way of life will have lasting effects on humanity and create refugees throughout the world. There are already areas in India and South Africa that have completely run out of water due to elevated temperatures and changing weather patterns all linked in large part to fossil fuels. Not to mention parts of Miami which can flood even on a sunny day.

It is unacceptable to believe that putting stronger regulations on oil & gas extraction is a solution. Evidence from Odessa, TX and Oklahoma City, OK demonstrate the health impacts of allowing this type of activity and those citizens breathing volatile organic compounds as well as the abuse of using precious clean water in fracking operations.

Lastly, the current application from Crestone Peak in Boulder County shows the blatant disregard for local citizens to have control over their own land, health, and well being. This company operating out of Canada on behalf of pension holders in that country will not dictate how our community and affairs are handled. They have already brought considerable damage to this state within Weld county, and this will not continue in Boulder.

Commissioner Jones - A quote from your election campaign, "I am committed to keeping Boulder County a leader on climate action, public land conservation, transportation, and education." As someone who lives in District 3 and voted for you as commissioner, I expect the support now on this critical issue as we supported you during the election.

A vote to enact the Moratorium and eventually ban oil & gas exploration in Boulder County is the only acceptable course of action. We as citizens that care about the health of our community and longevity for future generations will continue working tirelessly to see that these policies are enacted. Putting in place safeguards and regulations does not work, fossil fuels need to stay in the earth period.

From:	Jennifer Fick
To:	Boulder County Oil and Gas Comment
Subject:	We support an oil and gas moratorium
Date:	Friday, June 28, 2019 7:17:25 AM

Dear Boulder County Commissioners,

We support a moratorium on new oil and gas drilling in Boulder County. We currently live in Gunbarrel but previously lived in Erie, CO. Oil and gas development in Erie produced noxious fumes that caused us to experience headaches, burning of our noses and throats, and nosebleeds. We moved to Gunbarrel so that we could once again open our windows during warm weather and walk around our neighborhood without struggling with poor air quality. We need you to understand that the impacts of these industrial operations near residential communities are very real and should not be taken lightly.

Thank you,
Jennifer Fick and Bardon Higgins
Boulder, CO

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1151] - [Name: Morris, Carolyn] Re: Fracking Moratorium
Date: Friday, June 28, 2019 7:26:12 AM

Name *	Carolyn Morris
Email *	carolynm95@yahoo.com
Address or General Area (optional)	2035 Longs Peak Ave. Longmont,, CO 80501 United States
Subject *	Fracking Moratorium
Comments, Question or Feedback *	Please protect Longmont's water and air quality by passing a long term moratorium on fracking.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1152] - [Name: Davis , Cian] Re: No fracking in Boulder County
Date: Friday, June 28, 2019 7:28:46 AM

Name *	Cian Davis
Email *	ciand42@yahoo.com
Address or General Area (optional)	Longmont , Co 80501 United States
Subject *	No fracking in Boulder County

Comments, Question or Feedback *

Please do your best to protect the health of current and future generations of Boulder County by prohibiting fracking in our communities. There are so many unknowns with this extraction method including effects on ground water. We are already seeing our aquifers depleting rapidly and the potential for contamination is very high. Fracking is only a short term gain for a few oil and gas executives. It is simply not worth it. Additionally, the release of methane reduces air quality in our communities with known health implications. For me and my children, please do not allow this destructive and greedy process to occur in our beautiful county.
Thanks

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1154] - [Name: parker, shana] Re: oil and gas
Date: Friday, June 28, 2019 7:46:44 AM

Name *	shana parker
Email *	shanaparker@comcast.net
Address or General Area (optional)	936 Rainlily Lane Boulder, CO 80304 United States
Subject *	oil and gas
Comments, Question or Feedback *	Please put in a lengthy moratorium on all new permits and seismic testing.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1153] - [Name: Myers, Kate] Re: Fracking
Date: Friday, June 28, 2019 7:46:46 AM

Name *	Kate Myers
Email *	K8pets@live.com
Address or General Area (optional)	1247 Westview Drive Boulder 80303
Phone Number (optional)	(720) 971-9454
Subject *	Fracking
Comments, Question or Feedback *	Fracking has been proved to cause health issues, earthquakes and ruin quality of life. Boulder County should not be supporting the oil/gas that is ruining our lives and environment.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	klopfd64@gmail.com
To:	Boulder County Oil and Gas Comment
Subject:	Oil and gas emergency meeting tonight
Date:	Friday, June 28, 2019 8:04:43 AM

Our health and safety depend on a moratorium for the duration of the SB-181 rule making process. Please vote for a moratorium!
Sent from my iPhone

From:	Orin Hargraves
To:	Boulder County Oil and Gas Comment
Subject:	Please impose the moratorium on fracking applications in the County
Date:	Friday, June 28, 2019 8:47:42 AM

The risks to the health and well-being of residents is too great. We live here and we pay the exorbitant taxes because we value the quality of life that Boulder County offers. Your job is to protect it! So please do your job.

Fracking in the county would encroach on Open Space (which belongs to all of us) had have detrimental health effects on many communities. This is a public health issue and you cannot condone actions that will imperil public health.

Thank you,

Orin Hargraves
Niwot

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1155] - [Name: Alexander, Sharon] Re: Requesting a Long-term Fracki moratorium
Date: Friday, June 28, 2019 9:13:26 AM

Name *	Sharon Alexander
Email *	mountainsmiles@msn.com
Address or General Area (optional)	1049 Stearns Ave Boulder, CO 80303 United States
Phone Number (optional)	(303) 494-1546
Subject *	Requesting a Long-term Fracki moratorium

Comments, Question or Feedback *

Hi - As a native of Colorado, and a 34 year resident of Boulder, I'm contacting you to request that you enact a long term moratorium on oil and gas well permitting and seismic testing in our community.
I believe strongly that it is in the best interests of our citizens to pass this moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181. The people of our state want this. I hope your vote will reflect that.
As a Supporter and enjoy her of Boulder OSMP I would hate to see any part of our beautiful open space turned over to oil and gas extraction. This is not what we agreed to pay for when we decided to tax ourselves to buy open space. Until the long-term impacts to land, water, and air quality are better understood, I would like you to ban Frak Ing related activities in boulder county.

Thank you for your consideration. I hope your vote Will reflect this perspective, which is shared by many in the community.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Boulder County Contact Us/Feedback Form [#964]
Date: Friday, June 28, 2019 10:04:42 AM

Name *	Harv Teitelbaum
Organization (optional)	Colorado Sierra Club
Email *	Harv.Teitelbaum@rmc.sierraclub.org
Phone Number (optional)	(303) 877-1870
Select a Subject *	County Commissioners or Budget Office
Comments or Feedback *	I hope the Commissioners will consider enacting a 1- year (min) moratorium, justified by, among many reasons, the ongoing Rulemaking process of the COGCC to clarify the implementation of 19-181. Thanks. -Harv
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Boulder County Contact Us/Feedback Form [#964]
Date: Friday, June 28, 2019 10:04:42 AM

Name *	Harv Teitelbaum
Organization (optional)	Colorado Sierra Club
Email *	Harv.Teitelbaum@rmc.sierraclub.org
Phone Number (optional)	(303) 877-1870
Select a Subject *	County Commissioners or Budget Office
Comments or Feedback *	I hope the Commissioners will consider enacting a 1- year (min) moratorium, justified by, among many reasons, the ongoing Rulemaking process of the COGCC to clarify the implementation of 19-181. Thanks. -Harv
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Kathy Koehler
To:	Gardner, Deb; Jones, Elise; Jones, Matt; bpearlman@boudercounty.org
Cc:	Halpin, Barbara
Subject:	O&G Moratorium : Public Meeting to consider Emergency Temporary Moratorium on Oil and Gas Development Applications and Seismic Testing in unincorporated Boulder County
Date:	Friday, June 28, 2019 10:05:14 AM

Deb, Elise, Matt, and office of Boulder County Attorney,

I am not able to attend your public meeting today to consider:
Enacting an Emergency Temporary Moratorium on the Accepting and Processing of New Oil and Gas Development Applications and Seismic Testing in unincorporated Boulder County

In the health interest of those of us living in unincorporated Boulder County, I would request the moratorium be enacted immediately and 'forever'. Reference: the poor air quality data from the air quality research station at the Boulder Reservoir.
http://instaar.colorado.edu/arl/boulder_reservoir.html

When my 49 year young daughter wants to spend a few hours in my backyard with me, she needs to wear a mask for easier breathing. She was 2 years when I moved to this property and she was fine playing outside as a child and young adult. She has asthma and the air quality in the Niwot area impacts her lifestyle whenever she wants to spend an amount of time outside. I do not have asthma, but on the day following working several hours in my yard I experience breathing problems.

We do not need profitable O&G companies creating more fumes and less quality air that can then become trapped along the foothills and impact our health.

I have classmates who have lost heritage family mineral rights along the front range to profitable O&G and we certainly do not want drilling on "my" open space land. I refer to Boulder County open space as "my" land because my taxes have helped provide those precious properties and I have voted for open space since it was first conceived.

Please continue to protect the citizens in unincorporated Boulder County from the Colorado O&G drilling.

Thank you.
Kathy Koehler
8884 Morton Road, Niwot, Colorado 80503-8669

Niwot resident since 1972
Boulder County heritage residence since 1869

---------- Forwarded message ---------
From: **Boulder County Commissioners** <bouldercounty@public.govdelivery.com>
Date: Thu, Jun 27, 2019 at 9:30 AM
Subject: Public Meeting to consider Emergency Temporary Moratorium on Oil and Gas Development Applications and Seismic Testing in unincorporated Boulder County
To: <kathyboco@gmail.com>

Having trouble viewing this email? View it as a Web page.

June 27, 2019

Boulder County Commissioners' Office
Barb Halpin, Public Information Officer
303-441-1622

Meetings are held in the Commissioners' Hearing Room, Downtown County Courthouse, Third Floor, 1325 Pearl Street, Boulder, Colo. (map) unless otherwise noted. The Hullinghorst Room and the Small Conference Room are also located on the third floor of the downtown courthouse. Commissioners' meetings and hearings are webstreamed and archived for viewing online. Public comments are taken at meetings designated as Public Hearings.

BOARD OF COUNTY COMMISSIONERS
REVISED AGENDA

FRIDAY, JUNE 28, 2019

The following meeting has been added to the Commissioners' Agenda:

1:30 p.m. PUBLIC MEETING – FRIDAY, JUNE 28
Presenter: County Attorney

Public Meeting by the Board of County Commissioner to consider Enacting an Emergency Temporary Moratorium on the Accepting and Processing of New Oil and Gas Development Applications and Seismic Testing in unincorporated Boulder County.

(Note: No public testimony will be taken.)

ACTION REQUESTED: Decision

The meeting will be webstreamed and archived on the Open Meeting Portal.

- **Contact the Board of County Commissioners**
- **View Commissioners' Meeting Documents and Records**
- **Visit the County Commissioners' webpage**

Americans with Disabilities Act Notice

Special Assistance
If you need special assistance attending a meeting or hearing at Boulder County, please contact the ADA Coordinator at 303-441-3525 at least 48 hours before the scheduled event. Boulder County's ADA Policy

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From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1156] - [Name: Thomas, Lisa] Re: Stop Fracking in Boulder County
Date: Friday, June 28, 2019 10:37:37 AM

Name *	Lisa Thomas
Email *	earlliver@yahoo.com
Address or General Area (optional)	Boulder, CO 80303 United States
Subject *	Stop Fracking in Boulder County

Comments, Question or Feedback *

Hello,

As a 31-year resident of Boulder County, I'm contacting you to request that you enact a long term moratorium on oil and gas well permitting and seismic testing in our community.

I strongly believe that it's in the best interest of our citizens to pass this moratorium on processing new oil and gas permits to allow more time to enact the new, more powerful protections that were made possible by the recent passage of bill SB19-181. The people of our state want this, and I sincerely hope your vote will reflect that.

As a long time supporter of Boulder OSMP, it would be a shame to see any part of our beautiful open space turned over to oil and gas extraction. This is not what we agreed to pay for when we decided to tax ourselves to buy open space. Until the long-term impacts to land, water, and air quality are better understood, I would like you to ban FrackIng-related activities in Boulder County.

Thank you for your consideration. I hope your vote reflects this perspective, which is shared by many in the community.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1157] - [Name: Yates, Marci] Re: Fracking/ drilling
Date: Friday, June 28, 2019 11:01:45 AM

Name *	Marci Yates
Email *	marcierikson@yahoo.com
Address or General Area (optional)	2655 Winding Trail Drive Boulder, Co 80304 United States
Subject *	Fracking/ drilling
Comments, Question or Feedback *	Please enact a moratorium on processing new oil and gas permits to allow more time to enact SB19-181. We oppose oil operations in our community. We live within the contamination zone of the reservoir. We have 3 children, one of whom has asthma. We are greatly concerned about scientifically proven evidence surrounding increased cancer and respiratory problems in children.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1158] - [Name: Behrens, Carla] Re: Crestone Fracking
Date: Friday, June 28, 2019 11:10:27 AM

Name *	Carla Behrens
Email *	yayacarlita@comcast.net
Organization (optional)	Mrs.
Address or General Area (optional)	904 Little Leaf Court Longmont, CO 80503 United States
Phone Number (optional)	(720) 494-1463
Subject *	Crestone Fracking
Comments, Question or Feedback *	Please impose a moratorium on fracking ....this area is 5 miles from Niwot...the damage fracking does to the environment and human health is devasting...I now have asthma...I never had it before...it is a result of poor air quality caused by methane and smoke. We now are able by law to consider human health above company profits. Please protect Boulder County...I know from the study that fracking pollution from Weld county blows here and settles over the Boulder Reservoir area. Please do all in your power to protect us. Thank you, Carla Behrens.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1159] - [Name: Croke, Julie] Re: Fracking on Boulder"s open space
Date: Friday, June 28, 2019 11:14:29 AM

Name *	Julie Croke
Email *	manoharjc7@gmail.com
Address or General Area (optional)	2635 Mapleton Avenue Boulder, Co 80304 United States
Subject *	Fracking on Boulder's open space
Comments, Question or Feedback *	Hi Commissioners, I am writing to indicate my absolute opposition to drilling and fracking on Boulder's open spaces. Please consider my opinion as a long time Boulder resident. Thank you
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1160] - [Name: Allred, Christopher] Re: Stop Oil and Gas Development
Date: Friday, June 28, 2019 11:18:45 AM

Name *	Christopher Allred
Email *	christopher.allred.email@gmail.com
Address or General Area (optional)	Longmont, CO
Subject *	Stop Oil and Gas Development
Comments, Question or Feedback *	Please enact a moratorium on all permits for oil and gas development and seismic testing. Thank you for your time and attention to this important issue regarding public health and the environment.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Beauvineau, Maya
To:	Boulder County Oil and Gas Comment
Subject:	Oil and Gas Moratorium Please
Date:	Friday, June 28, 2019 11:32:10 AM

Hello County Commissioners!

My name is Maya Beauvineau and I'm a high school student at Niwot High School in Colorado.

I am contacting you to request a moratorium be put in place on all oil and gas extraction permits until the new rules have been fully discussed and agreed upon to ensure the health and safety of both residents of Colorado and our environment.

We are in the midst of a climate crisis and therefore I believe all efforts should go into transitioning energy consumption to renewable sources, but to do this, we must first stop the expansion of current oil and gas threats.

Thank you very much for protecting my future and the future of our planet.

Maya Beauvineau

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1161] - [Name: Ganter, Lynn] Re: Support Oil & Gas Moratorium in Boulder County
Date: Friday, June 28, 2019 11:32:43 AM

Name *	Lynn Ganter
Email *	lynnganter@gmail.com
Address or General Area (optional)	3945 Beasley Dr CO Erie United States
Subject *	Support Oil & Gas Moratorium in Boulder County
Comments, Question or Feedback *	Yes I support an Oil & Gas Moratorium in Boulder County
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Christopher J. McGowne <McGowneC@api.org>
Sent: Friday, June 28, 2019 1:27 PM
To: Gardner, Deb <dgardner@bouldercounty.org>; Jones, Elise <ejones@bouldercounty.org>; Jones, Matt <mjones@bouldercounty.org>
Cc: Lynn M. Granger <GrangerL@api.org>
Subject: Comments re: moratorium

Good afternoon Commissioners

Please see attached for the Colorado Petroleum Council's written comments on your proposed moratorium. We look forward to working with you on your proposed regulatory update.

Thank you, please have a great afternoon

Chris

Chris McGowne
Associate Director
Colorado Petroleum Council – A Division of API
1660 Lincoln Street, Suite 2900
Denver, CO 80264
720-878-7688 (Cell)
mcgownec@api.org

energy API | Colorado Petroleum Council
A Division of the American Petroleum Institute

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June 28, 2019

Boulder County Commissioners
1325 Pearl Street
Boulder, CO 80302

VIA EMAIL

SUBJECT: Proposed Emergency Oil & Gas Moratorium

The Colorado Petroleum Council is a division of the American Petroleum Institute and represents all facets of the oil and natural gas industry in Colorado. CPC and its member companies are committed to ensuring a strong, viable oil and natural gas industry capable of meeting the energy needs of Colorado in a safe and environmentally responsible manner.

CPC would like to strongly urge the county to reconsider its position on enacting a moratorium on oil & permitting and seismic testing. CPC firmly believes enacting a moratorium such as the one proposed will send a strong message to those closely watching our state: that oil and gas is not welcome.

Further, the changes to state law recently enacted by the Colorado legislature do not alter the county's authority to impose a moratorium. While local governments have statutory authority to regulate oil and gas development in a reasonable manner, to the extent necessary and reasonable to protect public health, safety, and the environment, this does not include authority to completely prohibit certain activity. Local authority is further defined in SB19-181 with reference to minimizing and mitigating potential impacts of development, not outlawing them completely. Moreover, many environmental statutes, such as the federal Clean Air Act and Colorado's Water Quality Control Act, use terms like "protection," but no court has seriously entertained an argument that they completely prohibit air emissions or discharges to state waters.

CPC would like to point out that Colorado's oil and gas operators have continued to negotiate in good faith with state regulators and impacted local communities in order find real solutions to complex issues, and the result of those good faith efforts are COGCC rulemakings that are likely to be prevalent for the foreseeable future.

Thus, as the Council considers this moratorium, we again strongly urge you to reject this proposal. CPC would also like to extend an offer to each member of this board, as well as to county staff, that we would like to offer to meet with each of you to discuss your concerns surrounding development. Further, CPC would

ask that our industry be included in any rulemaking or stakeholder process the county chooses to undertake in order to ensure our industry can continue to thrive be collaborative partners with Boulder and its citizens.

If you have any questions, please do not hesitate to contact me at (720) 878-7688, or mcgownec@api.org.

Sincerely,

Chris McGowne
Associate Director
Colorado Petroleum Council

From: Jason Grubb <jason.grubb@coga.org>
Date: June 28, 2019 at 11:33:27 AM MDT
To: "Gardner, Deb" <dgardner@bouldercounty.org>, "ejones@bouldercounty.org" <ejones@bouldercounty.org>, "mjones@bouldercounty.org" <mjones@bouldercounty.org>, "ksanchez@bouldercounty.org" <ksanchez@bouldercounty.org>, "bpearlman@bouldercounty.org" <bpearlman@bouldercounty.org>
Subject: COGA comments re: Emergency Moratorium

Greetings Commissioners and staff,

Attached you will find a few brief comments from the Colorado Oil & Gas Association's President and CEO, Dan Haley, regarding the proposed emergency moratorium on the acceptance and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County.

Please let me know if you have any questions.

Thank you,

--
Jason Grubb
Community Outreach Coordinator
Colorado Oil & Gas Association
p: 303-861-0362 c: 720-656-4537

June 28, 2019

<u>VIA EMAIL – NO ORIGINAL TO FOLLOW</u>

Boulder County Board of Commissioners and staff
Elise Jones, Commissioner
Deb Gardner, Commissioner
Matt Jones, Commissioner
Ben Pearlman, County Attorney
Kim Sanchez, Sr. Chief Planner

1325 Pearl St.
Boulder, CO 80302

RE: Colorado Oil & Gas Association – Comments to the Public Meeting by the Board of County Commissioner to consider Enacting an Emergency Temporary Moratorium on the Accepting and Processing of New Oil and Gas Development Applications and Seismic Testing in unincorporated Boulder County.

The Colorado Oil & Gas Association ("COGA") submits this letter concerning Boulder County's proposed emergency moratorium on the acceptance and processing of new oil and natural gas development applications and seismic testing.

COGA supports local government efforts to balance oil and natural gas interests, property rights, and community concerns, especially when that work involves a robust and transparent stakeholder process. However, COGA believes an emergency moratorium is highly unnecessary. While we understand the County plans to revise its existing oil and natural gas regulations in light of SB-181, the extremely short public notice and lack of a proper stakeholder process is unlikely to result in good policymaking. This agenda item was released Thursday, with barely 24 hours' notice. Industry has been actively engaged with Boulder County, acting in good faith with you and your staff, and we believe advanced notice would have been appropriate.

Additionally, the County's existing regulations were last updated in February 2017, and, to our knowledge, not a single well has been drilled in Boulder County under current regulations. COGA is struggling to understand how the County can determine the effectiveness of those regulations if they have never even been applied. We know the County spent a lot of time and resources drafting the existing regulations, so instead of

going through a similarly costly process, our industry is happy to work with you to address any holes or weakness that you believe exist. Doing so does not necessitate a moratorium, it only requires the willingness to talk.

We believe sound policy decisions are made through a “big tent” approach that brings together legitimate stakeholders who want to find useful outcomes. Therefore, COGA requests that you deny the moratorium and instead initiate a dialogue about possible regulatory changes and constructive next steps.

Sincerely,

Dan Haley
President & CEO
Colorado Oil and Gas Association

From:	tracku
To:	Boulder County Oil and Gas Comment
Subject:	Moratorium
Date:	Friday, June 28, 2019 3:36:58 PM

Hello - This comment is to express my full support of the efforts you, the County Commissioners, are making to protect the people of boulder county. Boulder County has become a leader in this country in the attempt to ensure that public health is the priority with regard to oil and gas development. I am extremely appreciative of the courage and temerity you have shown as commissioners in this regard. I believe the moratorium is absolutely appropriate and I give you my full support.

Thank you,
Matt Condon
Boulder County Resident

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1162] - [Name: Hamilton, Anne] Re: Moratorium on drilling
Date: Sunday, June 30, 2019 2:46:44 PM

Name *	Anne Hamilton
Email *	annehamiltongp@gmail.com
Address or General Area (optional)	946 Auburn Dr. Erie, CO 80516 United States
Phone Number (optional)	(720) 299-4834
Subject *	Moratorium on drilling
Comments, Question or Feedback *	Please stop the raping of our land and environment. All the money in the world will not be worth our kids getting sick, not being able to see our beautiful mountains because of all the chemicals that are released. I know the oil people do not have consciences because all they care about is the dollar amount, but maybe if one of their family members get sick or their house blows up, they will start thinking about what's important! Stop this now, before it's too late! Everyone is a Cause of climate change, so everyone needs to help because we all live on this planet, not just big oil!
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Brad Bokal
To:	Boulder County Oil and Gas Comment
Subject:	NO OIL AND GAS!
Date:	Tuesday, July 02, 2019 3:06:08 PM

Please, we beg you to do everything in your power to never allow anymore oil and gas here in Boulder County....even eastern Boulder County. Please also shut down any current operations as you can. We are not safe! Our air is poor from Erie, Weld, and Broomfield. Our water is on the brink. We cannot afford to have anymore toxic oil and gas development. Thank you for sticking with us. Thank for you pushing back. Thank you for keeping us safe...for now, kind of. :)

From:	Anne Wilson
To:	Boulder County Oil and Gas Comment
Subject:	Please extend moratorium
Date:	Tuesday, July 02, 2019 8:23:16 PM

Dear Commissioners,

Thank you for enacting the oil and gas moratorium and protecting my neighborhood!

I'm sorry I can't make the meeting on July 16 due to travel. However, I write to support extending the moratorium until the COGCC rule-making process is complete, and not before. It is clear that the voters want new rules, so it would not make sense to end the moratorium until those rules are complete.

Thank you for all that you do.

Sincerely,

Anne Wilson

From:	Kimberley Rivero
To:	Boulder County Oil and Gas Comment
Subject:	Duration of O&G Moratorium
Date:	Tuesday, July 02, 2019 11:11:03 PM

Dear Boulder County Commissioners -

We ask that Boulder County run its moratorium on new oil and gas permits until after all state and county level rule-making processes have finished. Per their calendar, COGCC expects state level rule-making for SB-181 to run until at least September 2020.

It is common sense that no new permits should be granted until a full understanding of the new law has been gained by everyone who would be impacted by new oil and gas operations.

Thank you for your consideration.

Sincerely,
Kimberley Rivero
The Lookout Alliance

From:	Tom Valeski
To:	Boulder County Oil and Gas Comment
Subject:	Drilling and Fracking
Date:	Wednesday, July 03, 2019 6:43:32 AM

Both Boulder County and Lookout Alliance have reached commendable levels of success, and all of the Heatherwood/Gunbarrel neighborhood are blessed to have your diligence. If a question re: rule-making and regulatory decisions could be put forth, I'd like to ask…."What will be the planning re: **"Pooling"** criteria, as to either its exclusion and elimination, or a re-set of the percentage criteria among "consenters, and non-consenters?

Sincerely,

Thomas Valeski,
8005 Grasmere Dr.
Boulder, CO 80301

From:	MARY WRIGHT
To:	Boulder County Oil and Gas Comment
Subject:	Keep it in the ground!
Date:	Wednesday, July 03, 2019 7:59:05 AM

Please continue moritirium on gas drilling and developement in boulder county!
Sent from my iPhone

From: Suzanne De Lucia
To: Boulder County Oil and Gas Comment
Subject: In Favor of the Oil and Gas Moratorium
Date: Wednesday, July 03, 2019 9:45:09 AM

Dear Boulder County Commissioners - We ask that Boulder County run its moratorium on new oil and gas permits until after all state and county level rule-making processes have finished. Per their calendar, COGCC expects state level rule-making for SB-181 to run until at least September 2020.

It is common sense that no new permits should be granted until a full understanding of the new law has been gained by everyone who would be impacted by new oil and gas operations.

Thank you for your consideration.
Suzanne De Lucia
5562 Stonewall Place
Boulder, CO 80303

-

Suzanne M. De Lucia, CBI
Fellow Of The IBBA
President
Front Range Business, Inc.
5353 Manhattan Circle, Suite 101
Boulder, CO 80303
Office: 303-499-6008
Fax: 1-888-521-8219
sdelucia@frontrangebusiness.com
www.frontrangebusiness.com

From:	Penny Davis
To:	Boulder County Oil and Gas Comment
Subject:	comment re: oil & gas moratorium
Date:	Wednesday, July 03, 2019 10:34:08 AM

Dear Boulder County Commissioners - We ask that Boulder County run its moratorium on new oil and gas permits until after all state and county level rule-making processes have finished. Per their calendar, COGCC expects state level rule-making for SB-181 to run until at least September 2020.

It is common sense that no new permits should be granted until a full understanding of the new law has been gained by everyone who would be impacted by new oil and gas operations.

Thank you for your consideration.
Penny & Stephen Davis
4808 Briar Ridge Ct
Boulder, CO

From:	Jeffrey Kersting
To:	Boulder County Oil and Gas Comment
Subject:	Oil and Gas Temporary Moratorium
Date:	Wednesday, July 03, 2019 12:42:20 PM

This is inform you that my wife and I are property owners in Boulder County and we are grateful
to the commissioners for enacting the temporary moratorium on oil and gas development.
The commissioners can count on our continued support in their efforts to protect the Boulder
community from the ill-effects of this type activity. Thank you for all of you hard work!

Sincerely,
Jeff Kersting & Denise Motta

From:	Rose Pierro
To:	Boulder County Oil and Gas Comment
Subject:	Moratorium on oil and gas
Date:	Sunday, July 07, 2019 6:12:29 AM

Please extend the moratorium on oil and gas seismic testing and development applications. When we were just searching for a new home affordable to us, this was one of our criteria not to live in weld county towns like Erie and Lafayette. They are all way too close to oil wells and it is obvious there are no rules. From 1975 to 1993 I lived in SW Weld county north of Firestone. The amount of cancer and cancer deaths in our very small neighborhood was quite alarming. I'm concerned it might be related.
Rose Pierro

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1166] - [Name: O"Connor, Andrew] Re: Enact Fracking Waste Ban ASAP
Date: Monday, July 08, 2019 3:51:43 PM

Name *	Andrew O'Connor
Email *	oconnorandrew@hotmail.com
Organization (optional)	Community
Subject *	Enact Fracking Waste Ban ASAP
Comments, Question or Feedback *	https://www.foodandwaterwatch.org/news/fracking-waste-ban-stalls-senate-connecticut-towns-move-forward
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Beauvineau, Maya
To:	Boulder County Oil and Gas Comment
Subject:	Oil and gas moratorium
Date:	Tuesday, July 09, 2019 11:32:29 AM

Dear Boulder County Commissioners,

My name is Maya Beauvineau and I'm a student at Niwot High School. I have recently heard about a proposed fracking site only a few miles from my school that, if built, would be the largest in the state. Learning this has mortified me, as I have heard not only about the negative health effects but also the negative impact on the Environment--something we cannot afford to exacerbate as we are in the midst of a climate crisis.

I appreciate the efforts the county commissioners have put in to enact a moratorium on oil and gas permitting, however, I think the moratorium would be most effective if held out for the entire duration of the state-level rule making on regulations with SB-181.

I ask that Boulder County run its moratorium on new oil and gas permits until after all state and county level rule-making processes have finished. Per their calendar, COGCC expects state level rule-making for SB-181 to run until at least September 2020.

Thank you for your time and consideration.

Sincerely,

Maya Beauvineau

From:	Jennifer Nealon Garone
To:	Boulder County Oil and Gas Comment
Subject:	fracking~
Date:	Wednesday, July 10, 2019 3:22:38 PM

Hello there,

As a resident of Gunbarrel, I am writing to support a complete and total fracking ban in Boulder County. In my 25 years as a Colorado resident, I have seen first hand the impact of rampant fracking on our lands. The amount of smog, the air quality reports -- all of this points to the fact that fracking is destroying what we love about Colorado. I do not want my, my husband's or my son's health sacrificed so that the oil and gas companies can make larger and larger profits. As we all know by now, the time is not for more fracking, but to work towards complete independence from fossil fuels. I would love to see Boulder County become a model for the world on how to be a self-sustaining county... Let's invest in that! Clear air for all! My tax dollars support our open space lands, and I want them frack-free.

Thank you,

Jennifer Nealon Garone
Gunbarrel Resident

--
Jennifer Nealon Garone
Ceremonialist, Officiant & Celebrant
SmallCirclesCeremonies.com | Instagram
720.209.4175

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1168] - [Name: lubow, judy] Re: fracking
Date: Wednesday, July 10, 2019 4:26:27 PM

Name *	judy lubow
Email *	judy122@indra.com
Address or General Area (optional)	Longmont, CO 80504 United States
Subject *	fracking
Comments, Question or Feedback *	I support a total ban on fracking in Boulder County. I understand there will be legal challenges but, with climate change, life itself on earth is at stake when we continue to extract fossil fuels from the earth. Sometimes pushing the envelope is the most rationale thing to do. Thank you.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Melanie
To: Boulder County Oil and Gas Comment
Subject: Ban fracking it's the right thing to do
Date: Wednesday, July 10, 2019 6:19:49 PM

Dear Boulder County Commissioners - We ask that Boulder County run its moratorium on new oil and gas permits until after all state and county level rule-making processes have finished. Per their calendar, COGCC expects state level rule-making for SB-181 to run until at least September 2020.

It is common sense that no new permits should be granted until a full understanding of the new law has been gained by everyone who would be impacted by new oil and gas operations.

Banning fracking Is the right thing to do for our children's health.
Please listen to the people of Boulder.

Thank you for your consideration.
Melanie Whitehead
Gunbarrel resident
--
"Let the beauty we love be what we do. There are hundreds of ways to kneel and kiss the ground." — Jalaluddin Mevlana Rumi - مولوی

From:	Tommi Wolfe
To:	Boulder County Oil and Gas Comment
Subject:	Please ban fracking in Boulder County permanently!
Date:	Thursday, July 11, 2019 9:38:18 AM

Dear Boulder County

Please stop this madness!

I ask for no fracking in Boulder county whatsoever (or the rest of Colorado for that matter). At worst, fracking is permanently dangerous to our health and air and water supplies. At best - we just don't understand the consequences well enough.

France, Germany, Bulgaria, and Ireland have all banned fracking, as have multiple forward-thinking and responsible cities.

We are trying to choose between doing the right thing and making money. The choice should not be this hard! Let's do the right thing and ban fracking here. It is an ethical, responsible choice.

Many thanks in anticipation.

Tommi Wolfe
Impact and Strategy Consultant
Helping Leaders Become a Force for Good
Proud to be a 1% for the Planet Partner

P 303-834-8630 **E** Tommi@Top6BusinessCoach.com
W www.Top6BusinessCoach.com

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From:	Sylvia de Souza
To:	Boulder County Oil and Gas Comment
Subject:	Ban Fracking
Date:	Thursday, July 11, 2019 9:44:32 AM

Dear Sir/madam,
I write to ask that fracking be banned.
The environment cost of this method of harvesting oil is not acceptable. Colorado should be making investment in sustainable energy resources.
How long will this mad dash consumerism go on for? Until all finite resources are depleted and our planet left in a poisoned mess?
PLEASE STOP THIS!

Radha Pillai
1357 Carnation Circle
Longmont, CO 80503

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1170] - [Name: Brawner, Mikl] Re: Fracking in Boulder County
Date: Thursday, July 11, 2019 10:23:37 AM

Name *	Mikl Brawner
Email *	Mikl@HarlequinsGardens.com
Organization (optional)	Harlequin's Gardens
Subject *	Fracking in Boulder County
Comments, Question or Feedback *	Dear Commissioners, We would greatly appreciate your support of a fracking ban for Boulder County in order to protect our WATER and PUBLIC HEALTH. It is not enough to support business; we must be discriminating in supporting business that supports the health and future well-being of our county and planet. OIL is History; we know that. Provide the leadership to move us into a more sustainable world. Thank you
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1171] - [Name: Bhatt, Suzanne] Re: oil and gas moratorium
Date: Thursday, July 11, 2019 11:50:43 AM

Name *	Suzanne Bhatt
Email *	bhattlex@yahoo.com
Address or General Area (optional)	Boulder 80305
Subject *	oil and gas moratorium
Comments, Question or Feedback *	As I will not be able to attend the hearing next Tuesday on the temporary moratorium, I would like to submit my comments in writing. I strongly support extending the moratorium indefinitely to allow time for implementation of the strongest rules possible to prevent oil and gas drilling/fracking in Boulder County. Our air is already severely polluted from the well sites east of us and if we are to seriously consider cumulative impacts on our community, it is clear that no further drilling should occur. Please stand strong to hold the line on fracking in Boulder County.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: A.J.
To: Boulder County Oil and Gas Comment
Subject: Boulder Should Lead
Date: Thursday, July 11, 2019 8:50:24 PM

Hello,

Sadly, I cannot attend the meeting on July 16, but wanted to give some feedback: Please continue the moratorium for AT LEAST the duration of both the SB19-181 State level rule making process and the revisions to Boulder County's regulations (Article 12). From all the recent news with heat waves – like India hitting up to 123 degrees and killing 36 (https://www.nytimes.com/2019/06/13/world/asia/india-heat-wave-deaths.html) or Alaska hitting above 90F (https://www.accuweather.com/en/weather-news/new-high-temperature-records-set-in-alaska-again-as-heat-wave-is-set-to-relinquish-grip/70008760) - not to mention the five hottest years on record are the last five years (including 14B in damages in 2018 alone: https://www.noaa.gov/news/2018-was-4th-hottest-year-on-record-for-globe) It's pretty evident we need to make changes. Boulder (city and county) should be leading those changes, please help us lead.

Take care,
A.J.

From:	Arturo Rivero
To:	Boulder County Oil and Gas Comment
Subject:	O&G Moratorium
Date:	Thursday, July 11, 2019 8:57:57 PM

Dear Boulder County Commissioners - We ask that Boulder County run its moratorium on new oil and gas permits until after all state and county level rule-making processes have finished. Per their calendar, COGCC expects state level rule-making for SB-181 to run until at least September 2020.

It is common sense that no new permits should be granted until a full understanding of the new law has been gained by everyone who would be impacted by new oil and gas operations.

Thank you for your consideration.

Sincerely, Arturo

From:	Amy Allen
To:	Boulder County Oil and Gas Comment
Subject:	Please enact a ban on fracking in Boulder County
Date:	Thursday, July 11, 2019 10:06:09 PM

Dear Commissioners and Staff of Boulder County,

I write as a member of 350 Boulder County, which represents about 2,000 people in the County who are deeply concerned about the impacts of fracking on our land, water, air, climate, quality of life, public health, and safety. Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and enact a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and allow fracking to occur, when it is known that we cannot expand fossil fuel extraction and have a chance of keeping global temperature rise below 2°C, as concluded in a report released by Oil Change International in 2016 (The Sky's the Limit, http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/) We must stop oil and gas development from leading to further diminishment of our air quality, and the many associated increased health risks.

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO_2 and benzene exceeding health standards in areas along Highway 52. We

cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Sincerely,
Amy Allen
2935 College Ave, #123
Boulder, CO, 80303

From:	augustglass1@everyactioncustom.com on behalf of Kelly Shanafelt
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Friday, July 12, 2019 10:49:45 AM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

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SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Ms Kelly Shanafelt
Boulder, CO 80305
augustglass1@gmail.com

From:	bgil331@everyactioncustom.com on behalf of Brian Gilin
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Friday, July 12, 2019 10:54:13 AM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

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Thank you,

Sincerely,
Mr. Brian Gilin
Superior, CO 80027
bgil331@gmail.com

From:	osnesbeth@everyactioncustom.com on behalf of Beth Osnes
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Friday, July 12, 2019 10:58:01 AM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

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The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely. Thank you for your leadership and service.

Thank you,

Sincerely,
Dr. Beth Osnes
Boulder, CO 80302
osnesbeth@hotmail.com

From:	katesolisti@everyactioncustom.com on behalf of Kate Solisti
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Friday, July 12, 2019 11:00:40 AM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

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Thank you,

Sincerely,
Ms. Kate Solisti
Lyons, CO 80540
katesolisti@gmail.com

From:	loup407@everyactioncustom.com on behalf of Lou Patterson
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Friday, July 12, 2019 11:39:18 AM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

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Thank you,

Sincerely,
Mr. Lou Patterson
Longmont, CO 80501
loup407@yahoo.com

From: larissa@everyactioncustom.com on behalf of Larissa Rhodes
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Friday, July 12, 2019 11:45:45 AM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

It is critical for us to be leaders in the state to push us toward the clean energy goals that we must meet. Our children depend on it. Not even our children, we depend on it. We have less than 12 years to solve this problem.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

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The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

I live near highway 52, and it will be MY AIR, my home, my family that will be affected. And the thing is, we all share the air. It is YOUR air and YOUR community and YOUR home that will be affected too.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Please make the right decision. History will remember how you act.

Thank you.

Sincerely,
Ms Larissa Rhodes
Longmont, CO 80501
larissa@finalhourfilms.com

From: randclarke@everyactioncustom.com on behalf of Randall Clarke
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Friday, July 12, 2019 11:56:52 AM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

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Thank you,

Sincerely,
Ms. Randall Clarke
Boulder, CO 80301
randclarke@aol.com

From:	Jason Oates
To:	Boulder County Oil and Gas Comment
Cc:	Ashley Campbell; "Jamie Jost (jjost@jostenergylaw.com)"; Joel Neckers
Subject:	Crestone"s Written Comments - Resolution 2019-59
Date:	Friday, July 12, 2019 1:20:51 PM
Attachments:	image001.png Crestone Comments on Boulder Proposed Moratorium (07.16.19).pdf

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Please accept the attached written comments from Crestone Peak Resources in response to Resolution 2019-59.

Best,
Jason

Jason Oates
Director, External Affairs
Crestone Peak Resources

1801 California St., Suite 2500
Denver, CO 80202
t: 720.410.8489
c: 720.785.4806

July 12, 2019

VIA EMAIL – NO ORIGINAL TO FOLLOW
oilgascomment@bouldercounty.org

Board of County Commissioners of Boulder County
ATTN: Commissioner Elise Jones
Commissioner Deb Gardner
Commissioner Matt Jones
P.O. Box 471
Boulder, Colorado 80306

RE: July 16, 2019 Public Hearing – Moratorium on Processing Oil and Gas Development Applications

Commissioner Jones, Commissioner Gardner and Commissioner Jones,

Crestone Peak Resources Operating, LLC ("Crestone") hereby submits this letter to the Board of County Commissioners of Boulder County ("Boulder County") regarding the Moratorium on Processing Oil and Gas Development Applications until March 28, 2020, unless earlier terminated or extended. Crestone respectfully requests that you consider the comments provided herein as you continue to review and analyze the development of oil and gas in Boulder County.

Since February 22, 2017, Crestone has been attempting to develop its oil and gas assets in Boulder County through the Colorado Oil and Gas Conservation Commission ("Commission") Rule 216, Comprehensive Drilling Plan ("CDP"), process. Prior to filing the request for the CDP with the Commission in February 2017, Crestone engaged in discussions and meetings with members of the Boulder County Planning Department and Boulder County Attorneys' office regarding the comprehensive plan, which includes measures to protect public health, safety, welfare and environment, and wildlife. The intent of Crestone's early and open communications with Boulder County in 2017 was to ensure that Crestone obtained feedback and involvement from Boulder County as the development of the CDP progressed. Boulder County has participated in the CDP process since its initiation.

By way of background, one of the reasons Crestone initiated the CDP in February of 2017 was because Boulder County had developed a stringent set of regulations for oil and gas development within its boundaries and those regulations were to be adopted in April 2017, with a rescission of the approximate 6-year moratorium on oil and gas development in May 2017. Crestone believed that, by engaging in the CDP process with Boulder County's involvement as the local regulations took effect, that the appropriate stakeholders would have input into the development of 10 square miles of land in eastern, rural Boulder County, which includes input on the location of three well pads, associated facilities, pipelines routes and traffic impacts that would serve to promote and protect public health, safety, welfare and environment, and wildlife in a 10 square mile area. Crestone has taken the substantial stakeholder input into account for the

development of the CDP and has placed high value on the input received from Boulder County into its most recent CDP plan pending with the Commission.

Despite the legal battles Crestone has faced from Boulder County and the County's staunch opposition to oil and gas development within its borders, Crestone is still in the process of pursuing the CDP with the Commission and pursuing the approval by Boulder County through the local government permitting process, as evidenced by its June 21, 2019 request for a pre-application conference with Boulder County Planning Staff in compliance with Article 12 of the Boulder County Code. This pursuit is not only to provide for efficient and responsible development of oil and gas and to protect Crestone's and the mineral interest owner's real property interests, but to also ensure that the development of those 10 square miles results from continuing input from Boulder County, the Commission, the Colorado Department of Public Health and Environment, Colorado Parks and Wildlife, other local governments, fire protection districts, homeowners associations and over 750 citizen stakeholders in the area. Crestone believes that the proposed CDP developed from the input of numerous stakeholders in Boulder County meets the purpose and intent of Commission Rule 216 by identifying foreseeable oil and gas activities in a defined geographic area, facilitating discussions about potential impacts, and identifying measures to minimize adverse impacts to public health, safety, welfare, and the environment, including wildlife resources, from such activities. In fact, the passage and adoption of Senate Bill 19-181 ("SB 19-181") further supports the purpose of the CDP and the intricate involvement of local governments in a comprehensive plan for oil and gas development, very similar to the involvement of Boulder County for the past two and a half years.

Although Crestone disagrees with any decision to enact a moratorium and maintains that such enactment is unnecessary, Crestone recognizes Boulder County's position on SB 19-181 and its moratorium on processing new oil and gas development applications in order to review and modify their Code in light of the local government authority provided SB 19-181. A moratorium is not a new trend from Boulder County. However, as Boulder County proceeds with its review of the current regulations and the composition, drafting and understanding of its new regulations, Crestone requests that it is included in the process.

It is understood that an integral part of the development of reasonable and workable land use regulations is the process of stakeholder engagement. Boulder County and Crestone have been engaged in an open line of communication for over two and a half years on oil and gas development within the boundaries of the County, and a moratorium should not prevent stakeholder engagement and communications with Crestone. Crestone welcomes discussions with Boulder County and its Staff regarding oil and gas development and is open to providing technical industry expertise on various issues, including mitigation measures and best management practices to minimize adverse impacts to public health, safety, welfare and environment and wildlife. As such, Crestone respectfully requests that Boulder County include Crestone in any stakeholder meetings, work sessions, study sessions or other discussions that occur regarding the development of Boulder County's new oil and gas regulations. Boulder County has always been the first jurisdiction to recognize the value of a robust stakeholder process, and Crestone believes that the County's development of oil and gas regulations justifies such a process here.

Thank you for your time and dedication to your positions in Boulder County. Crestone appreciates your consideration of the content of this letter and would be open to discuss in more detail at your request.

Sincerely,

Jason Oates, Director of External Affairs

cc: Jost Energy Law, P.C.

From: mlanskey@everyactioncustom.com on behalf of Marcus Lanskey
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Friday, July 12, 2019 1:25:10 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

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Thank you,

Sincerely,
Mr. Marcus Lanskey
Boulder, CO 80302
mlanskey@gmail.com

From:	Robert Stubblefield
To:	Boulder County Board of Commissioners
Subject:	Thanks for insisting on Pipeline Leak/Repair reporting Condidtions
Date:	Friday, July 12, 2019 1:45:46 PM

I want to thank you for insisting on oil/gas companies providing full visibility on leaks and repairs for the latest pipeline proposal. The first step in managing an issue is a complete data package. The oil/gas companies complaints about the burden it would be to them is a smokescreen. Hiding data on leaks and repairs allows them deniability on any negative impacts that their activities may be causing.

thanks for sticking up for the citizens of Boulder County.

Rob Stubblefield

From:	Bill Van Eimeren
To:	Boulder County Oil and Gas Comment
Subject:	Please keep the fracking moratorium intact
Date:	Friday, July 12, 2019 2:11:43 PM

Dear Commissioners,

As a citizen of Lafayette and a practicing family physician, I request that you not approve any relaxing of the fracking moratorium, and instead strengthen it or ban fracking if legally possible.

The science clearly shows water, air, and soil contamination as well as numerous health harms and risks, especially to children, pregnant women, the elderly, and those with chronic disease of any age. It also clearly implicates fracking in accelerating climate change.

Thank you very much for your thoughtful consideration of this momentous issue!

Sincerely,

William Van Eimeren, MD

From:	Joshua Knight
To:	Boulder County Oil and Gas Comment
Subject:	Fracking No
Date:	Friday, July 12, 2019 2:26:18 PM

Please no fracking! I was born in and love Boulder. Please stop this oil madness. Go bless you! Thanks, Joshua

---

Joshua Knight | Program Engineer | **Global Hope Network International**
+1 (303) 919-2872 | ghni.org

From:	Marie Venner
To:	Boulder County Oil and Gas Comment
Subject:	Multi-generation Boulder families, long-time CO business owners urge commissioners to enact a lengthy moratorium on all new permits and seismic testing and protect citizens from all future drilling!
Date:	Friday, July 12, 2019 2:26:31 PM

Hi, the Venners are multi-generation Boulder families and I am a 22 year Colorado business owner.

We are asking Boulder commissioners to enact a lengthy moratorium on all new permits and seismic testing.

We demand that they protect citizens from all future drilling!

Thanks so much,

Marie Venner
President, Venner Consulting, Inc.

From:	Elizabeth Kellogg
To:	Boulder County Oil and Gas Comment
Subject:	Fracking
Date:	Friday, July 12, 2019 2:31:57 PM

In advance of your upcoming meeting on July 16th, regarding the temporary moratorium on fracking in Boulder County: I submit to you this note.

I strongly urge you, the County Commissioners of Boulder County, to enact an extended moratorium (I would prefer a total, permanent BAN) on oil and gas drilling/fracking in our county.

Oil and fracking are so outrageously wrong for various big reasons: incredible water usage in a semi-arid, populous area--(and the water is gone forever); health issues due to emissions of carcinogenic, neurotoxic, compounds; this industry is a giant contributor to the deterioration of our environment (both in the long term and near term, daily) Please act on behalf of the health of the people, land, air, and water, critters, plants of Boulder County, and stiffen this moratorium on fracking.

Sincerely, Liz Kellogg, resident in the county

From:	Anne Knoll
To:	Boulder County Oil and Gas Comment
Subject:	Re: Fracking
Date:	Friday, July 12, 2019 2:40:52 PM

County Commissioners: Please protect the health and well being of Boulder County residents. The fracking has got to stop and we are counting on you to support us. Our air quality is already severely compromised. We need to reduce, not increase our air quality and protect our water resources. Thank you. Anne Knoll, Longmont CO 80501`

From:	Lisa Goodrich
To:	Boulder County Oil and Gas Comment
Subject:	No Fracking on Open Space!!!
Date:	Friday, July 12, 2019 2:51:13 PM

Hello,

I'm completely opposed to fracking ruining our Open Space land, which, we the people, have worked hard to protect.

Please support the current moratorium on processing new oil and gas permits. We need to be supporting renewable energy, not this environmentally destructive fracking.

Thank you for your time,

Lisa Goodrich
2098 23rd St.
Boulder, CO 80302

From:	Charlie Wilkinson
To:	Boulder County Oil and Gas Comment
Subject:	Oil and Gas Drilling
Date:	Friday, July 12, 2019 3:10:44 PM

Commissioners,

My family and, actually everyone I know, is against the huge growth in oil, and gas drilling in our community. If left unchecked, it will literally ruin our county all for corporate short term gains. Once they stop being profitable, and they always do, we will be left with hoards of abandoned mines. For the sake of our land, our air, and our water, we must stop them now.

Sincerely, Charlene Wilkinson, Longmont.

From:	melissa ulev
To:	Boulder County Oil and Gas Comment
Subject:	drilling
Date:	Friday, July 12, 2019 3:19:58 PM

To whom it may concern,

I am pleading with the commissioners to enact a lengthy moratorium on all new permits and seismic testing. And I demand that they protect citizens from all future drilling. When we start thinking that we will be safer in Chicago where 52 people were shot and 10 died in ONE WEEKEND, things are bad! But that is the case, the options are to most definitely get poisoned from drilling or maybe get shot. I will choose the latter.... I used to think that CO was such a beautiful and special place but now it's becoming pretty disgusting with all of the drilling. Go climb around in the flat irons and look towards Denver, the air is brown and highly likely full of toxins that we breathe in every day. Disgusting! Please think about the people, animals and the earth, and not the money. You can't eat money and you would be further poisoning the land making it unusable for farming and grazing.

Thank you for considering.
Melissa

Virus-free. www.avg.com

From: himitraadams@everyactioncustom.com on behalf of Mitra Adams
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Friday, July 12, 2019 3:27:49 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is alreadhy adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Ms. Mitra Adams
Boulder, CO 80304
himitraadams@gmail.com

From: brettbos@everyactioncustom.com on behalf of Brett O"Sullivan
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Friday, July 12, 2019 3:35:07 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

PLEASE take this action to help protect us from toxic air and water in addition to catastrophic climate impacts.

Thank you,

Sincerely,
Mr. Brett O'Sullivan
Lafayette, CO 80026
brettbos@yahoo.com

From:	Juno Mail
To:	Boulder County Oil and Gas Comment
Subject:	Delay O & G permita
Date:	Friday, July 12, 2019 3:44:40 PM

Dear Boulder County Commissioners:

I am a resident of Longmont, Colorado and I am concerned that Colorado has not yet had enough time to consider how best to implement new protections for public health, safety water quality, public input, etc. that the new law (SB19-181) provides.For this reason I urge you to join other local governments (i.e. Lafayette, Broomfield, Erie,Superior, Berthoud,Tinmath and Adams County) which have already taken the common sense precaution of passing temporary moratoria to give themselves time to revise and strengthen their oil and gas regulations.

Please follow their cautious lead on this.

Thank you.

Sue E. Dean
849 Widgeon Drive,
Longmont, CO 80503
303-459-2658
deanks@juno.com

All Natural CBD Oil Has Doctors Throwing Out Prescriptions
worldhealthlabs.com
http://thirdpartyoffers.juno.com/TGL3142/5d28fd859ccae7d8537c5st01duc

Sponsored Links

From: paisnd@everyactioncustom.com on behalf of Gregory Pais
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Friday, July 12, 2019 3:57:49 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Dr. Gregory Pais
Nederland, CO 80466
paisnd@yahoo.com

From:	paradaly@everyactioncustom.com on behalf of Kate Paradis
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Friday, July 12, 2019 4:28:04 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point.
(http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

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SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Ms. Kate Paradis
Boulder, CO 80304
paradaly@yahoo.com

From:	Eve Ilsen
To:	Boulder County Oil and Gas Comment
Subject:	Please!
Date:	Friday, July 12, 2019 4:28:25 PM

Many of us who chose to live in Boulder armored the wisdom and perspicacity of those who surrounded the city with Open Space.
If you sabotage that in the name of greed, you will be signing your own political death warrants, as well as trading the good of the many for the profit of the few.
Wisen up. There are other ways to make money than a system that sequesters our scarce water where it will never be recoverable.

E. Ilsen

From: fggluck17@everyactioncustom.com on behalf of Fred Gluck
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Friday, July 12, 2019 4:37:16 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

It has become increasingly evident that, while fracking may provide a short term energy resource, the long term damage to public health, public lands, and the environment are even more increasingly evident. To date, regulators have consistently proven either an unwillingness or an inability to put public health above drilling interests. It is time to halt this irresponsible damage to public health and safety, as well as the environment.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

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SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you for your perseverance in protecting public health, public safety, and our environment.

Sincerely,
Mr. Fred Gluck
Boulder, CO 80301

fggluck17@yahoo.com

From:	Margot Pickett
To:	Boulder County Oil and Gas Comment
Subject:	Ban Fracking in Boulder County
Date:	Friday, July 12, 2019 4:55:01 PM

As a new resident of Longmont I want to express my concern that you haven't banned, only put a temporary moratorium, on fracking. I can tell you that one of the primary reasons we bought a house in Boulder Co, instead of Weld, for example, is because there did not appear to be the kind of drilling going on here. It's bad for the environment and a high risk to people living near these drills and wells. Boulder should be at the forefront of promoting sound environmental policies and banning fracking is a big step in the right direction.

Sincerely,

Margot Pickett

From:	Christel Markevich
To:	Boulder County Oil and Gas Comment
Subject:	fracking
Date:	Friday, July 12, 2019 5:04:37 PM

Dear Commissioners,
I absolutely oppose drilling operations in our community. I support the current moratorium on processing new oil and gas permits and encourage our government to go even further.
We need the most strict and powerful protections allowable by the recent passage of bill SB19-181.
Oil and gas industry DOES NOT care about the health and the future of our children. I care. And I am aware our Boulder County Commissioners care. They have all my support to oppose drilling operations in our community.
Christel Markevich
5570 Magnolia Drive
Nederland, CO 80466

From:	Peter Korba
To:	Boulder County Oil and Gas Comment
Subject:	fracking moratorium
Date:	Friday, July 12, 2019 5:33:03 PM

Commissioners et al.
From a 50 year resident of Boulder County;
It is most imperative that our beautiful county protect itself from fracking and exploration in order to preserve our health and our environment.
It is up to our government, backed by the People of our county to attend to these most prominent threats to ourselves.
Please do your part in protection of the county and planet.

Yours, Peter Korba
730 S 46th
80305

From:	Dawn Kimble
To:	Boulder County Oil and Gas Comment
Subject:	Moratorium
Date:	Friday, July 12, 2019 6:00:48 PM

Dear Boulder County Commissioners,

I strongly encourage you to enact a lengthy moratorium on drilling permits and seismic testing. Please find sources of energy that do not pollute our air and water or endanger the people.

Thank you.
Dawn Kimble

--
dawnanddave.com

From:	Harv Teitelbaum
To:	Boulder County Oil and Gas Comment
Subject:	July 16 Commissioner meeting to discuss fracking moratorium status
Date:	Friday, July 12, 2019 6:01:29 PM

Dear Commissioners,

As Sierra Club Colorado's representative to the COGCC's Rulemaking process, I know that said process will not be completed any time soon, and certainly not within the year. Rather than completely rewriting its rules to reflect the new landscape mandated by SB 19-181, the COGCC decided to instead keep their existing rules, and merely try to edit minimally (redline) in a biased, low-balled, and ultimately flawed attempt to reflect the new required standards. This, being entirely inadequate, will further delay the achievement of anything resembling usable guidelines and baselines for municipalities and counties to refer to and utilize in their own 181 Rulemaking, as objections, both legal and administrative, will no doubt be filed.

It is therefore not just reasonable and prudent, but imperative that the County Commissioners enact moratoria sufficient in term and coverage to protect the citizens of Boulder County from the scourge of fracking and related O/G activities.

Please do not be cowed by the industry's usual and inevitable threats of lawsuits. SB 19-181 provides new freedom for local governments to act exclusively in the best interests of their citizens in protecting their health, safety, welfare, environment, and wildlife.

As you act accordingly, you can count on me and other activists and networks to have your backs in this essential fight.

Thank you.

Harv Teitelbaum
Lead, Beyond Oil and Gas Campaign
Sierra Club, Colorado Chapter
Evergreen, CO
303-877-1870

From:	Kathy Kaiser
To:	Boulder County Oil and Gas Comment
Subject:	fracking
Date:	Friday, July 12, 2019 7:53:48 PM

As someone who will be potentially affected by fracking (I live in Heatherwood), I'm requesting that the current moratorium on fracking in the county be continued. Furthermore, I ask that you do whatever you can to prevent fracking in the future here. Fracking contributes to health and environmental problems, including climate change. Oil and gas companies have no right to put their profits above our health and environment.

thank you,

Kathy Kaiser

4815 Devonshire St.

Boulder, CO 80301

From:	Joe Marr
To:	Boulder County Oil and Gas Comment
Cc:	Joe Marr
Subject:	Moratorium on drilling
Date:	Friday, July 12, 2019 8:01:55 PM

Dear Commissioners,

Next week you will have the opportunity to extend a moratorium on drilling and seismic testing in our community. I strongly urge you to do so. There appear to be no limits to the avarice of oil and gas interests and they appear to be completely indifferent to the health and welfare of the people of this county. I will not detail the public health risks since they have been extensively promulgated -but am willing to do so if you wish - yet drilling close to homes and communal organizations (schools, playgrounds) continues.

Please stop this drilling until our governmental bodies have had the opportunity to revise and strengthen our drilling laws.

Sincerely,

J. Joseph Marr, MD
14885 Irving St.
Broomfield, CO 80023
Tel: 970-215-5700
Email: jjmarrco@yahoo.com

From:	DAVID ROY
To:	Boulder County Oil and Gas Comment
Subject:	Stop!
Date:	Friday, July 12, 2019 9:13:48 PM

Ozone concentrations are expected to be in the Moderate to Unhealthy for Sensitive Groups range on Friday and Saturday. Unhealthy for Sensitive Groups conditions are most likely for southern portions of the Denver Metro Area on Friday, extending to include western portions of the Denver Metro area and northward to Boulder and western Ft. Collins on Saturday. In these areas, active children and adults, and people with lung disease, such as asthma, should reduce prolonged or heavy outdoor exertion between the hours of noon to 8 PM. Moderate conditions are possible across the entire Front Range Region on Friday and Saturday, and unusually sensitive people should consider reducing prolonged or heavy outdoor exertion from noon until 10 PM.

It is criminal that on July 13th, many citizens of Colorado are being told to stay indoors to protect their health because of high ozone levels. One of the biggest reasons for these high ozone levels is fracking.

I ask that you use your ability to affect **public** policy to support a ban on new permits for oil and gas drilling.

The globe faces a climate crisis from green house gas emissions, while here at home we need to stay in tomorrow to be 'safe' from the effects of oil and gas drilling. Allowing more oil and gas drilling would be the definition of an insane **public** policy - it would instead be a public **taking**.

Show courage, not a blind eye, to protecting the health and safety of the citizens of Colorado over private industry being given carte blanche to make us ill for their own profits.

Thank you taking action, and standing up for, and with, the citizens of Colorado.

David Roy

2016 Evergreen Court

Fort Collins CO 80521

From:	Julie Lang-Yawger
To:	Boulder County Oil and Gas Comment
Subject:	Opposition to drilling in Boulder
Date:	Saturday, July 13, 2019 9:26:13 AM

I am writing to voice my opposition to drilling in Boulder (or anywhere). It is time to stop this senseless raping of the land and work towards renewable energies. Please respect the current moratorium and protect our precious land, skies and health.

Julie Lang
Denver, CO

From:	PATTY DUNN
To:	Boulder County Oil and Gas Comment
Subject:	Fracking Boulder
Date:	Saturday, July 13, 2019 9:44:40 AM

---

i would appreciate it if you would check out the financial situation of Extraction. Think it would

be a risky proposition.

thank you

Pat Dunn

From:	David Loy
To:	Boulder County Oil and Gas Comment
Subject:	on fracking in Boulder County
Date:	Saturday, July 13, 2019 9:59:32 AM

Dear Commissioners,

Please, please, do not allow fracking in Boulder County! It's polluting, unsafe, and damaging to the health of residents, especially the young, who are most vulnerable.

thank you,

David

www.davidloy.org

From:	Make More Love
To:	Boulder County Oil and Gas Comment
Subject:	Do you care about your grandchildren?
Date:	Saturday, July 13, 2019 10:07:43 AM

I just hope the fracking CEO's understand that what effects Boulder's water supply and soil because of the fracking process to get a quick profit now, in the future, will be the same affects in their children and grandchildren. We are one. The chemicals put in the Earth to extract a quick dollar will soon be the same cancer killing the corporations' families that no amount of money will be able starve off. Their are better ways. We do not need this much energy anyway, and their alternative ways to make our Earth work for everyone's children and grandchildren.

Trust me when I say, the dollars your board members think they will pocket now, will never be enough in their piggy banks when the damage to their own, and their fellow environmental health, has a promissory debt no billionaire can pay!

Kindly,

Dustin

--
"I do not pretend to understand the moral universe; the arc is a long one, my eye reaches but little ways; I cannot calculate the curve and complete the figure by the experience of sight; I can divine it by conscience. And from what I see I am sure it bends towards justice." -Theodore Parker

From:	Jesse J Manno
To:	Boulder County Oil and Gas Comment
Subject:	Unincorporated Boulder County concerns
Date:	Saturday, July 13, 2019 10:20:05 AM

Greetings-
My family has lived on Beachcomber court in Twin Lakes since 2005, and will be new home owners/occupants in Heatherwood starting next month. I have done some preliminary research and I am very concerned about the seismic activities associated with Fracking when occurring under neighborhoods. I already was opposed to fracking for air quality and long term environmental sustainability reasons, but I wonder how many other people don't know about the seismic activity- which could negatively affect property as well as people.
Boulder County is already stereotyped and disdained within the Oil and Gas industry for being wealthy and dogmatically environmentalist, so we might as well make the temporary moratorium on fracking here a permanent ban to the extent that our political powers permit. It would be fitting.
Thank you in advance if you are able to support a permanent ban!

Jesse Manno
4554 Beachcomber court, Boulder, CO 80301

Sent from my iPhone

From:	Penny Dumas
To:	Boulder County Oil and Gas Comment
Subject:	Ban new fracking
Date:	Saturday, July 13, 2019 10:21:52 AM

Dear Deciders,

I cannot attend your hearing on July 16 but I wanted to weigh in as being opposed to any additional Fracking in Boulder County. If there is any question about it, we simply must err in favor of the health and safety of our community and our planet.

Sincerely,
Penny Dumas
1297 Blackbird Ct.
Boulder, Co. 30303

Sent from my iPhone

From: spike kohut
To: Boulder County Oil and Gas Comment
Date: Saturday, July 13, 2019 11:18:30 AM

Amy Kohut
1007 Stein St
Lafayette CO 80026

Unable to attend Tues nights meeting so submitting my comments in writing.

Myself and my 3 person family I speak out to on behalf of demand a complete ban on fracking in Boulder County. The science is known, it's negative for air quality, water quality, and at this time we need to move in reverse, fracking promotes climate change. Climate change leads to extinction. I watched my closest friends daughter die of childhood cancer this past year and it's the absolute saddest experience possible. The data is in - there will be more dead & dying children in our community, still born children, if this ban is not put into permanent affect.

No limitations. No Rules. Complete ban, no wavering.

We live on the edge of open space our taxes helped build. I have an epileptic son and an elder in my home both whom will be more likely to be compromised by fracking close by as we believe they already are by the abysmal air quality now much due to weld county's fracking frenzy. No more, no fracking, complete ban in Boulder County is the only acceptable option.

From:	Elisabeth Gick
To:	Boulder County Oil and Gas Comment
Subject:	For Tuesday"s meeting
Date:	Saturday, July 13, 2019 11:47:10 AM

Dear Commissioners,
Thank you for standing strong and enacting a moratorium on oil and gas drilling in our county. You have my fullest support for the strongest, toughest, longest moratorium you can possibly adopt with the long term goal of keeping fossil fuels in the ground.
Thank you!
Elisabeth Gick
2444 9th Street, apt 10

--
be vocal, be visible, push back
350colorado.org - because there is no planet B

From:	Jasmin Cori
To:	Boulder County Oil and Gas Comment
Subject:	moratorium
Date:	Saturday, July 13, 2019 12:49:18 PM

Please support running the moratorium until the new rules are in place that relate to new applications, which I believe is September. To keep doubling down on *more* drilling during this interim period serves only industry. While in the midst of a climate crisis it makes no sense to continue to worsen it, all of the sake of industry profits and at the expense of everything else.
Thank you.

Jasmin Cori
4945 Twin Lakes Rd, Apt 44
Boulder, CO 80201

From: kenecon2004@everyactioncustom.com on behalf of Ken Bonetti
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Saturday, July 13, 2019 12:49:35 PM

Dear Boulder County Representatives,

I am writing you as a Boulder resident for whom fracking has forced our family to make the decision to leave Colorado when I retire from CU Boulder. Rising air pollution levels much of it caused by fracking have negatively impact our health to the extent that we must leave our home, where I grew up and most my friends and family reside. We will move to a cleaner place with no fracking. Colorado has been ruined for us so we must leave for good. Still, we care about the state and its people. That is why I am writing to ask you to ban fracking now and forever.

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf).

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,

Mr. Ken Bonetti
Boulder, CO 80303
kenecon2004@gmail.com

From:	Susan Bailhache
To:	Boulder County Oil and Gas Comment
Subject:	Fracking ban
Date:	Saturday, July 13, 2019 2:01:45 PM

Dear Boulder County Commissioners - I want to encourage you to implement a ban on fracking, on, or near our Boulder County communities and Boulder County Open Space. I'm concerned about the potential pollution problems for our drinking water, as well as the toll on our environment in terms of the large amount of water required for the drilling process. I also encourage you to ban horizontal fracking in our county, in order to prevent adjacent counties from drilling wells that encroach into Boulder County.

As a longtime Boulder County tax-payer, I have supported, and helped fund our wonderful open space. Please help keep it safe from pollution and danger to our future generations by banning, or putting significant limits on fracking.

Thank you for your attention to this matter.

SusanBailhache
6848 Bugle Court
Boulder, CO 80301

Sent from my iPad

From: luluisdelphine@everyactioncustom.com on behalf of Lulu Delphine
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Saturday, July 13, 2019 2:03:39 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Ms. Lulu Delphine
Boulder, CO 80301
luluisdelphine@gmail.com

From:	huntphunt@everyactioncustom.com on behalf of Phyllis Hunt
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Saturday, July 13, 2019 2:18:19 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County living about 3 miles from Crestone's proposed 140 wells, I join others in pleading for a complete ban on fracking in unincorporated Boulder County. I know from the two recent fracking sessions I've attended in the Boulder County Commissioners Hearing Room that you are striving to find the legal means required to protect the public health and safety of all citizens and residents of Boulder County. I thank each of you and applaud you for standing up to the corruption and base motives of the oil and gas industry.

The June 16, 2019, release of Physicians for Social Responsibility's "6th Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", (https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/) provides abundant evidence that "fracking cannot operate without threatening public health directly and without imperiling climate stability upon which public health depends." Accordingly, PSR has called for a ban on fracking, concluding that "We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks."

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

May we all stand together in our efforts to right the misdeeds and deceptions of countless generations.

Sincerely,
Ms. Phyllis Hunt
Niwot, CO 80544
huntphunt@aol.com

From:	Sharon Cascone
To:	Boulder County Oil and Gas Comment
Cc:	Cascone Sharon; dana guadagnoli
Subject:	BAN oil and gas exploration and development in Boulder County
Date:	Saturday, July 13, 2019 2:42:47 PM

7/13/19

Elise Jones
Matt Jones
Deb Gardner

Dear Boulder County Commissioners:

Please ban fracking in Boulder County permanently. Counter to what some may think, banning fracking would not be a bold action on your part, but a common sense urgent need that must take place for our way of life to have a hope of continuing.

There is no fracking that can be regulated "safely". Oil and gas development inevitably endangers humans, animals, water, plants, soil and the Earth with air pollution, greenhouse gases, spills, noise pollution, and waste water shoved back into the Earth. A choice to frack is a choice to march toward climate and environmental catastrophe. The science is not to be ignored just because it is not what we want to hear. We must change.

We live in one of the most gorgeous parts of the country where much effort has been put to preserve the public domain: the preservation of bucolic open spaces, water infrastructure, parks, farm-to-table food sourcing, and in developing recreation paths for the enjoyment of the public. We cannot have it both ways. A County for the public cannot allow a few rich CEOs and stockholders of oil and gas companies to profit off ruining the public's way of life. These latest attempts to frack in Boulder County are a 'last gasp' of a dying industry. We cannot allow them to take us down with them.

The City of Boulder cannot put forth a Climate Mobilization Action Plan (CMAP) and other efforts to reduce our waste footprints if fracking can happen in the County. We will not get ahead. Boulder's current "F" air quality will become a "FFF" rating (I suppose) should gas and oil production expand at all. Can you imagine the farcical mind-blowing pretending of having the City of Boulder work on these sustainable projects while breathing down the Volatile Organic Compounds (VOCs) settling in the Valley each day? A bad joke.

We need to be leaders nationwide in changing how we live immediately. Banning fracking is not the end of the work we must do, but the very beginning if we are to have any hope of saving our local and world environment. We don't have any time to dawdle on this issue.

You must listen to your County constituents and other local and global stakeholders (humanity) who demand ending this dangerous, polluting practice of fracking and the expansion of the development of fossil fuels.

Sincerely,

Sharon Cascone & Dana Guadagnoli
4836 Old Post Circle

Boulder, CO 80301
unincorporated Boulder County
scascone@me.com

From:	Paula Kelly
To:	Boulder County Oil and Gas Comment
Subject:	Moratoruim
Date:	Saturday, July 13, 2019 2:57:49 PM

I am not asking for a temporary moratorium, or an extension of a moratorium, but to demand this moratorium be formalized into law as an uncompromising ban of fracking in Boulder County.
We now know after over some 1300 scientific and medical studies over the past several years that fracking is unsafe.
We now know that living near fracking sites cause acute and chronic medical conditions such as respiratory diseases, neurological problems, and cancer.
We now know that fracking releases methane, toluene and benzene, among other carcinogenic VOC's daily, whether intentional or unintentional, through rampant leakages at well sites and pipelines, and through flaring and daily venting at well sites, as referenced by United State Government Accountability Office.
We now know our worldwide environment is at an emergency level crisis without much time to correct our egregious mistakes.
We now know that our environmental crisis is largely driven by the burning and extraction of fossil fuels, and release of methane.
We now know that the billions of gallons of water used for fracking, poisoned forever, has been permanently lost to our water cycle.
Boulder has an ozone rating of F by the American Lung Association, which has been directly correlated to the extraction process. The front range is the 11th worst area for air water quality in the country.
I believe the intention of this moratorium is for the commission to buy time and appease the public as you segue the 1800 proposed fracking wells into Boulder County under the guise of safe regulation. No one in this world has figured out how to safely regulate fracking. Safely regulating the extraction processes is impossible. We are left with millions of leaking abandoned and orphaned wells, destroying our air and water quality. You cannot keep people safe under regulations. Tough decisions need to be made now! Given what we now know, the impact on the environment and health, there should be no question whether to ban fossil fuel extraction, fracking, in Boulder County.

BAN FRACKING NOW!

From:	Marti and Bob Hopper
To:	Boulder County Oil and Gas Comment
Subject:	Tuesday hearing on oil and gas permits
Date:	Saturday, July 13, 2019 4:16:39 PM

To the Boulder County Commissioners:
We were thrilled that you recently passed a temporary moratorium on accepting or processing new oil and gas drilling applications. We are writing to urge you to extend the moratorium to the strictest possible allowed by SB-181. A total ban would be ideal. We are 100% opposed to oil and gas drilling operations in Boulder County (and for that matter, everywhere else). The planet is in crisis, we have a climate catastrophe, and oil/gas operators are only concerned with their bottom line. While obviously we are only a small piece of the problem, Boulder needs to lead the way in addressing the crisis.
When it is possible, we would like to see the County pass a climate bill of rights and protections. The climate emergency cannot wait. Thank you.

Drs. Robert & Martha Hopper
550 Ithaca Drive
Boulder, CO

From:	Jennie Elliott
To:	Boulder County Oil and Gas Comment
Subject:	Please continue a fracking ban in Boulder county
Date:	Saturday, July 13, 2019 4:16:50 PM

I am writing to encourage you to continue the fracking ban in Boulder county. This seems to be the reasonable action to take in my opinion, since methane continues to leak from wells that aren't frequently inspected, and we don't thoroughly understand the health implications yet of having methane and other chemicals in our air. We do, however, know that methane is much more dangerous to the climate than C02 and keeping it in the ground will enable us to better forestall climate catastrophe.

Boulder is a desirable place to live because of our healthy lifestyles. Having dangerous chemicals in the atmosphere that harm our health will be taking us in the wrong direction.

thank you,
Jennie Elliott
Lafayette, CO

From:	Bonnie Bahlmann
To:	Boulder County Oil and Gas Comment
Subject:	Please...no more fracking in Boulder County
Date:	Saturday, July 13, 2019 4:42:37 PM

To whom this may concern,
I'm writing to convey my disappointment and concern that a large fracking operation may be slated for Boulder County. I have been supportive of anti-oil and gas development measures in Boulder County and will continue to do so.
I am absolutely against any expansion of oil and gas development in the front range, let alone the county in which I live. Please look out for the people who reside in your county.

Thank you,
Bonnie Bahlmann

Sent from my iPhone

From:	Katrina
To:	Boulder County Oil and Gas Comment
Subject:	No more drilling!
Date:	Saturday, July 13, 2019 4:52:08 PM

I want an end to future drilling and poison in the water supply.

Sincerely,
Katrina Greenwood Stroud

From:	Diane Birmingham
To:	Boulder County Oil and Gas Comment
Subject:	Relocation
Date:	Saturday, July 13, 2019 5:12:43 PM

Fracking is destroying the Front Range. I recently moved away from Fort Collins because of the level of pollution created by the oil and gas industry. I am so pleased to know that the industry is reaping huge profits that will likely bust and leave us the same legacy as mining for clean up. I truly was alarmed by the affect this had on the quality of life in that region and I had thrived there for 17 years before the Fracking began.
So go for it Boulder, you don't need any more resource depletion models and water is the most precious commonwealth.
Do not make the same mistake as Weld County and Larimer County and associated communities.
Diane Birmingham

From:	Karen
To:	Boulder County Oil and Gas Comment
Subject:	No fracking in Boulder County
Date:	Saturday, July 13, 2019 5:38:56 PM

As residents of Greeley, Weld County, we are well aware of the dangers of fracking. We moved to Boulder County to get away from this toxic industry. Air quality is severely impacted. Likewise, there is the danger of explosions. More and more studies are showing the negative impacts of fracking on air, water and our health.

Please don't allow this industry in Boulder County

Robert and Karen Janata
Longmont CO

Sent from my iPad

From:	Susan Berlin
To:	Boulder County Oil and Gas Comment
Subject:	Fracking ban
Date:	Saturday, July 13, 2019 6:19:08 PM

We totally support Boulder County's ban on fracking and wish to see it become permanent. Fracking emits dangerous toxins into the air. This week we have had several National Weather Service warnings of poor air quality. This will only worsen if Boulder county permits any fracking. There is also the potential of water, which is scarce in Boulder county, to be polluted. The state now allows local government to determine if fracking in an area is a health risk. There is NO question that this is the case and that ALL FRACKING in Boulder county should be banned! While the world may need oil, it should not be at the cost of health.

From:	Karin HERSHAFT
To:	Boulder County Oil and Gas Comment
Subject:	Fracking
Date:	Saturday, July 13, 2019 7:08:54 PM

PLEASE, I do not want fracking in Boulder County.

Thank you,
Karin Smith

Sent from my iPhone

From:	Bev Cole
To:	Boulder County Oil and Gas Comment
Subject:	Oil and Gas Fracking
Date:	Saturday, July 13, 2019 9:35:30 PM

Boulder County Commissioners,
Please stop oil and gas drilling. It is time to leave it in the ground. Our children, our community and our planet are at risk. We must find a better way.

Sincerely,
Beverly Cole
650 Mountain Meadows Rd, Boulder, CO 80302

From:	Joan Scott
To:	Boulder County Oil and Gas Comment
Subject:	NO fracking in Boulder County, PLEASE!!!!!
Date:	Sunday, July 14, 2019 6:56:39 AM

I am especially concerned about the proposed fracking site near SW Longmont! I vote NO to all fracking, but especially to THAT proposed site!!

Joan Scott
Longmont

From:	Denise Wurtz
To:	Boulder County Oil and Gas Comment
Subject:	Fracking
Date:	Sunday, July 14, 2019 8:31:18 AM

My name is Denise Wurtz and I live in Longmont. Cracking should not be allowed in boulder county because of the density of residences and the awareness of the residents who overwhelmingly reject its environmental hazards. I believe it is not being regulated at all even though there is a commission in place whose role is to put people's health and safety first. Instead, they green light every permit. Let's slow down new permits in general especially near neighborhoods.
Thank you.
Denise and Jeff Wurtz

From:	Susan Chavel
To:	Boulder County Oil and Gas Comment
Subject:	Fracking in Colorado
Date:	Sunday, July 14, 2019 11:10:34 AM

I cannot attend the July 15 meeting concerning fracking but I am opposed to fracking, since it releases dangerous toxins in the air and water, and can also cause earthquakes.

Sue R. Chavel
829 Nelson Park Drive
Longmont, Colorado 80503

Sent from Mail for Windows 10

From: Chris@everyactioncustom.com on behalf of Chris Bentley
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Sunday, July 14, 2019 1:21:47 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point.
(http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Mr. Chris Bentley
Louisville, CO 80027
Chris@BentleyMarketingPlus.com

From: Kris Gibson
To: Boulder County Oil and Gas Comment
Subject: COGCC and moratorium
Date: Sunday, July 14, 2019 1:31:51 PM

Dear Boulder County Commissioners - I can't make the hearing on tues the 16th. I ask that Boulder County continue the/our moratorium on new oil and gas permits until after all state and county level rule-making processes have finished. Per their calendar, COGCC expects state level rule-making for SB-181 to run until at least September 2020.

Please assure me that no new permits will be granted until and after a complete understanding of the gains of SB-181 has been gained by everyone who would be impacted by new oil and gas operations.

Thank you for your consideration.
Kris Gibson
510 Pine St. Gold Hill
Boulder, CO 80302

From:	Robert Rutherford
To:	Boulder County Oil and Gas Comment
Subject:	Tuesday"s Meeting re: largest fracking site in CO slated for Boulder County
Date:	Sunday, July 14, 2019 2:20:01 PM

Let me put this in no uncertain terms:
I am vehemently opposed to this proposed plan of allowing some oil and gas company to come in and install the largest fracking site in the entire state just a few miles from my house….and thereby contaminate our community's drinking water supply, contaminate our air with toxic dust & toxic gases/fumes, create earthquakes, not to mention destroying our roads with heavy trucks & equipment, PLUS: bringing in the hordes of transient workers that will escalate crime rate (drugs, prostitution, etc.).

Put me down for a hard 'no'.

Thanks,
Robert Rutherford
4941 Maxwell Ave.
Longmont, CO 80503

Virus-free. www.avg.com

From:	Zoe Robins
To:	Boulder County Oil and Gas Comment
Subject:	July 16 public comment
Date:	Sunday, July 14, 2019 2:27:29 PM

To Whom It May Concern,

I heard that BCC are meeting July 16th to discuss the regulations around fracking in Boulder County.

I wanted to reach out to express my concern, and to encourage the commissioners to extend the ban on fracking. Fracking is today's lead paint, it's today's thalidomide. There's not enough evidence that it isn't incredibly harmful long-term from both a health and environmental perspective. Please don't put our air quality and our kids' health at risk.

Thank for your consideration,

Zoe Wedel and family
Niwot, CO

From:	hall.n
To:	Boulder County Oil and Gas Comment
Subject:	moratorium to update regulations
Date:	Sunday, July 14, 2019 3:15:29 PM
Attachments:	July16-2019 hearing.pdf

Please find the attached comments. Thank you.

Nancy E. Hall

12892 Sheramdi St., Longmont (unincorporated Boulder County)

Nancy Hall
12892 Sheramdi St., Longmont (unincorporated Boulder County)

Per the Bo Co Comprehensive Plan, the current Article 12 states that:

The County's objective is to protect public health, safety, welfare and the environment to the maximum extent permitted by law. Oil and gas exploration and development is industrial in nature, intensive and has the potential to significantly impact the surrounding community and environment.

First of all, that's a tall order. There is much to be done.

MUST FINISH AFTER COGCC RULE-MAKING PER SB-181 IS COMPLETE.
Given the county's objectives, it seems natural that the county cannot sensibly determine what deficiencies in the state administrative code the county has to correct in order to meet its objectives - until the COGCC is finished with its current rule-making pursuant to SB-181. Article 12 refers to the administrative code, and it might be non-sensical once the code changes.

Inasmuch as the county can assess fees and require bonding to cover the cost of enforcing its regulations, the county regulations must adopt limits and thresholds at least as strict as the state's. How can we determine the limits and thresholds or the fees and bonding requirements until we know what the state will do?

Assuming that we agree that the moratorium must last at least as long as the state's rule-making, I suggest that the moratorium be extended to at least 90 days after the last update by the COGCC pursuant to SB-181 for rules that are relevant to this effort. The COGCC has not even scheduled a public hearing (much less adoption) for cumulative impacts until the end of March, 2020 and it

will not address public health, safety, welfare and environment until April, 2020.. Thus, it seems that a March, 2020 ending date for this moratorium is likely to be too early.

Work that does not require knowing the specifics of the rule-making can be done in the meantime.

The moratorium length must be appropriate to its purpose, and even the 5-year decision in Ft. Collins v. COGA no longer applies. The decisions in City of Longmont V COGA (2016) and Fort Collins v. COGA (2016) both invalidated the moratoria based on preemption (conflict with state statute and "operational conflict", both of) which must be interpreted differently in light of SB-181, which added the section CRS 30-60-131, titled "No land use preemption."

ADOPT SOME CHANGES BEFORE COGCC RULE-MAKING IS COMPLETE

Some changes to the county regulations are best adopted before all updates are complete. For example, we want the county permit to be the first thing an operator seeks, so that the community notice is as early as possible in the entire process of obtaining state and local approval. We want that requirement to be manifest before the COGCC finishes its rule-making and proceeds with any applications presently on hold.

From:	Sheila L
To:	Boulder County Board of Commissioners
Subject:	NO to fracking
Date:	Sunday, July 14, 2019 3:22:24 PM

Hello Commissioners,
I am seeing patients until 6pm the eve of this meeting and won't be able to attend.
I have been a Boulder resident for 20 years now. What has happened to the Front Range is unfortunate, and moving forward we have the ability to prevent further damage; largely by oil and gas who's claws run deep figuratively, literally and financially in CO. I am in health care and have written my doctorate paper on the health and environmental effects of fracking. The research is there in how damaging it is to health and the environment. The reports are there in how wide-spread this can be. The facts are there in how poorly the state level is (not) monitoring these facilities. The stats are there with the 60,000+ frack wells are "3rd party" checked by the state by a whole 9 people and site visits are planned. I beg of Boulder to remain smart and strong to BAN this once and for all.
Thank your for your time.
-Shelia

Dr. Sheila Liewald, DACM, L.Ac.
www.redaspenwellness.com

Red Aspen WELLNESS

From:	hall.n
To:	Boulder County Oil and Gas Comment
Subject:	Suggestion for updates to county policy re: oil and gas
Date:	Sunday, July 14, 2019 3:26:01 PM
Attachments:	PolichSuggestions-07-14-19.pdf

Please find the attached suggested changes to county policy re: oil and gas.

Thank you.

Nancy E. Hall

12892 Sheramdi St., Longmont, unincorporated Boulder County

Comments re: updating oil and gas regulations
Nancy Hall
12892 Sheramdi St.
Longmont (unincorporated Boulder County,)

1. ZONING: Article 4:

Industrial Activity
Drilling is an industrial activity and should not be allowed under any circumstances in any of the zones other than A, F, GI and MI. One might allow by special review in A, F, GI and MI as with subsurface and surface mining, however oil and gas development need not be treated like subsurface and open mining because oil and gas can be extracted from remote locations, unlike hard-rock minerals.

It should be allowed (by right) in General Industrial zones only. New well pads and new wells should not be allowed anywhere else.
Operator needs to seek zoning change in order to drill in non-GI zones.

No district presently has it as use by right - appropriately so.

Perhaps develop an oil-and-gas overlay district that corresponds to the wattenberg field; allowing in GI by right only for GI zones in the overlay district.

Setbacks:
Perhaps an overlay district is where to add half-mile from occupied structures, 1 mile from schools, nursing homes, hospitals, clinics, libraries, assisted-living, courthouses and wherever else people must go or reside with no choice in the matter. This is supported by health studies.

Non-conforming uses:
Inasmuch as the above zoning restriction cannot be applied ex-post-facto, I suggest that re-entry, re-stimulation and any new activity on existing "well sites" (as defined in COGCC rules) may not be expanded. This is consistent with zoning that allows non-conforming uses to continue but not to be expanded or rebuilt after abandonment or damage.

If this prohibits well stimulation because of the staging area required, so be it; fracing is an industrial activity based on the noise, vibration, emissions and silica exposure, and traffic involved.
Note that such a restriction does not change the ability of the mineral owners to extract; it merely protects the status quo.

Non-conforming uses that threaten health and safety should be required to cease immediately. This would apply, most likely, only to completed wells that have a pattern of violations. The right of the Director to shut down such violations should be made explicit in the county code.

Vested property rights:
For those who have a vested property right by virtue of having a special use permit approved within the last three years, the conditions of approval at the time of vesting must apply, but because the vested right lasts no longer than 3 years, any new activity (other than extraction, shutting in and resuming production, and maintenance as required by the special use permit and state law) must require compliance with all new codes (this means in GI areas; outside of GI areas, no expansion allowed.)

Improvements in methods:
Should new technology and practices allow the activity reasonably to be characterizable as non-industrial in nature, it might be permitted by special use permit in Light Industrial or other zones (excepting any residential or commercial zones).

Comprehensive Drilling Plans: The county needs to be able to intervene in a CDP application even if the county is not a mineral owner or surface owner in the proposed area. This is necessary for the county to meet its objective to prevent harms to all affected residents. Such a requirement doesn't fit nicely into the permitting process as it now exists. It might fit nicely into the process for changing a zoning designation to GI.

Seismic testing: If its harmful to marine life, might it not also be harmful to land fauna, or even flora. Can we disallow it under common-nuisance law? At the minimum we should disallow it except in industrial zones, where industrial noise is permitted.

2. CONSERVATION EASEMENTS
Existence of a conservation easement should preclude drilling, without regard to the contents of the easement. If the county doesn't have the authority to make this simple restriction, then surely the county has the ability to see the terms of the CE and inspect it for restrictions that apply, demand copies of any leases extant at the time of the CE. This restriction will be one of those that will prevail whenever an operator must bring an existing operation into conformance.

3. OFFICE of INTERVENOR

Create a Bo Co intervenor's office, with attorneys who advocate on behalf of oil-and-gas-affected county residents;; charge a fee to fund that office.

4. NO LIABILITY SHIELD
Do the regs have to state that approval and issuance of permit does not imply or convey immunity of any sort.

5. SPECIAL REVIEW Article 12
Suggestions with reference to Article 12 as of this writing, by page and section:

p.2, 12-400 A.4. County should *require* that county approval is obtained before APD. This is to minimize operator investment in state approval before final county determination of conditions of approval; gives county best chance for early warning to residents, maximizes opportunity for affected citizens' input at COGCC proceedings.

p.2, 12-400 B.4 - add obligations under *Colorado Air Quality Control Program*

p. 2, 12-400 B.3 "the Form" is not defined in the glossary or anywhere else that I can see

p. 3 12-400 B.4.c - need mechanism to keep $/occurrence of insurance policy up-to-date with respect to rising costs. Why not include BoCo as certificate holder as well as COGCC?

p3 12-400 B.4.d GHG emissions report - note that the EPA doesn't require reporting unless the "facility" emits more than 25K metric tons CO2e in a year. It also defines as "facility" as the entire basin of wells owned by an operator. Unless there is some way to disaggregate the information from the EPA report, this might not be useful. Can we not require a report by well or COGCC Location?

p. 3 12-400 E. Neighborhood meeting at least ~~20~~ 21 days after the pre-application conference, notice provided at least ~~14~~ 21 days prior.

p. 4 12-400 H.1 ... secure methods other than **certified** mail. I suggest this because it seems to be the only way to keep the USPS from losing mail. I have not yet lost a certified mail (that I know of) but the USPS has lost or mis-delivered many articles otherwise, including tracked packages. Tracking does not help because they claim articles are delivered when they have been left at random places.

p. 4 12-400 H.2. and subsequent un-numbered paragraph: change all half-mile distances to 1 mile from the projected (to surface) path of the bore.. Fractures travel up to 1 mile and the vibrations and noise even farther at night. Paragraph d. should include all well owners within X distance of the anticipated bore, projected to the surface. (X is now 1/4 mile; it should be 1 mile.)

p.3 12-400 H.3.c - add pipelines, and require details re: how the product will be transported, whether flaring will be used.

p. 3, 12-400 H.c2 - new requirement: that applicant provide the basis for its right to drill, be it lease or ownership of mineral rights. The applicant must give the county the right to make public the leases that give the applicant the right to extract so that affected landowners (even if not mineral owners or surface owners) can challenge the use of invalid claims of right to drill.

p 5 12-400 H.3.h : a statement explaining the rights of citizens viz COGCC proceedings (after a count determination is made, assuming county permit must be obtained first), with links to appropriate info about COGCC. Unfortunately, COGCC rules concerning procedure are opaque and arcane; some simplified description would help here.

p 5 12-400 H.5 Signage - size should be specified and it should require a large enough sign to be read by someone in a passing car. At least "An oil and gas operation" ... " is proposed in your area" should be readable from a passing car.

p 5 12-400 J ""near residential development" implies undergoing development - should read "occupied structures or residential development".

p 6 12-500.D. Should require county approval before APD filing.

p 7 12-500-I: add requirement of engineer's determination of proximity of bore to any existing bores within 1/4 mile of the proposed bore. The COGCC has a rule regarding State Wellbore Collision Prevention (317.r):

*An operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drillin*g.

Bo Co should require a copy of such evaluation to be submitted with the application. The anti-collision evaluation might be a basis for denial. COGCC has a history of rubber-stamping these, even though they might have predicted communications that resulted in a blowout.

p 7 12-500 J.6 Geologic hazard map should include all hazards w/in 1/2 mile of drilling operations *and projected bore.*

p 7 12-500 M - contact person needs not to "respond" but to *be on-site* within 30 minutes.

p 8 12-500 M.10 Require operator to divulge contents of fracking fluids and all other products used.

p 8 12-500 M.11 : include a plan not only for community to engage operator, but also a procedure that the operator will follow in response to community complaints/communications. We want not to be ignored, and want the operator to commit to a meaningful response so that a record of compliance/non-compliance is facilitated by this provision

p 9 12-500 Z disallow land farming of drilling wastes and spreading of produced water or drilling wastes on lands in the county or on county roads. COGCC allows it subject to certain density requirements, but that does not take into account the problem of dust after it dries.

p 9 12-500 AA : operator must provide a plan (and commit to implementing it) for identifying the isotopic fingerprint of its hydraulic fracturing flowback fluids for use as a tracer in event of suspected water contamination - or an alternative plan for tracing the fluid migration, such as addition of a tracer product before fracing. See New Tracers Identify Hydraulic Fracturing Fluids and Accidental Releases from Oil and Gas Operations (https://pubs.acs.org/doi/full/10.1021/es5032135)

p 12. 12-700 G Silica may not be exposed on windy days
p 12 12-700 L Make it clear that emissions monitoring is for the life of the well, not just for drilling.

p 12. 12-700 P Noise: Existing noise ordinances for each zoning district should apply to oil and gas for any otherwise-allowable new activity in that zoning district..

p 13. 12-700 S pipelines change "impracticable" to "not practicable" so it refers to a defined word in 12-1400

P 15 12-701 Site-specific mitigation measures: Most of these should become requirements where applicable, meaning they get moved into 12-700.

P 15 12-701 A.All emissions controls (90%, 95%, 98%) need to be brought up to date with latest technology.

P 16 12-701 B.1 prohibitions on orally toxic *or toxic when inhaled*

P 16 12-701 B.2.a.iv Can't we require that the wells be tested regardless of operator's effort to secure permission? Isn't this a matter of public safety? What does the COGCC do about this issue for orphaned wells?
If nothing else, some language of the notice to the landowner needs to be given here, because as it is, the operator has to pay for testing if permission is given, and that is a disincentive to get the owner's permission.

I would add a condition that *all* contacted parties (perhaps all parties noticed for the neighborhood meeting as well as all mineral owners) should be asked for information about existing wells, regardless of status (and any clues thus found should be investigated), as this would help the state identify wells previously unknown.

P 18 12-701.B Table 1: analytes for water quality
Post-drilling testing should include testing for the tracers identified in the water quality plan. See commnt re: 12-500 AA

P 20 typo: 12-900 D first sentence reads "changing modifying" - probably one word was meant to replace the other
P 20: 12-900 D the phrase "extrent practical" should read "extent practicable" so it refers to a word in 12-1400, Definitions.

P 22 12-1400 Definitions
define Director and Form (see 12-400 B.3)

P 23 12-1400. Practicable : add *without regard to (or consideration of) cost*

P 24 12-1400. Well Completion - uses the phrase "dry hold" -is this meant to read "dry hole"? Should "total depth" read 'total depth and length"? COGCC rules sometimes refer to the depth as the point at which the target formation.

p 24. Appendix 1, Table A - does not make it clear whether the table A payments are only for 2017 and payment schedule will be updated based on HUD, or will these numbers apply until the regs get updated via hearings, etc.

From:	Boni Lonnsburry
To:	Boulder County Oil and Gas Comment
Subject:	Opposed to fracking in Boulder County
Date:	Sunday, July 14, 2019 3:45:42 PM

To Whom It May Concern,

I am 100% opposed to fracking in any part of Colorado, especially in Boulder County. I cannot make it to the meeting but please do not put the health and well-being of our citizens at risk.

Sincerely,
Boni Lonnsburry
10311 Sailor Ct, Longmont, CO 80504

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1173] - [Name: Simmons, Sharon] Re: Fracking
Date: Sunday, July 14, 2019 4:24:44 PM

Name *	Sharon Simmons
Email *	hawksndragons1955@gmail.com
Address or General Area (optional)	5000 Butte Street Boulder , Co 80301
Subject *	Fracking
Comments, Question or Feedback *	Please stop fracking in Boulder county. Our planet is in dyre straights right now and we are just not sure what this does to our environment
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Jill Rutherford
To: Boulder County Oil and Gas Comment
Subject: "NO" TO FRACKING
Date: Sunday, July 14, 2019 4:30:32 PM
Attachments: Fracking.docx

See attached word document for my reasons for my resounding "NO" to proposed fracking now or ....ever.

Also these concerns:

> A friend that worked in the oil and gas industry agreed with the information I posted and mentioned these additional concerns about the roads and the transient workforce that inevitably shows up in town:
> The roads are going to get destroyed by the semis and water haulers. Toxic "dust" is going to be out of control. Traffic will be a disaster as the road infrastructure here can't handle it. (And already can't handle the continually growing population) … it's going to severely inconvenience everyone with regards to their time—not to mention their tax dollars and the obvious health implications.
> Also....consider the impact of a transient workforce in town – in hordes: crime rates sky rocket. Drug usage and prostitution goes up. They have to have "man camps" or local hotels to house all the workers.
>
> <<<<<<<<<<<<<<<<<<<<<< ----------
> ---------->>>>>>>>>>>>>>>>>>>>>>>>
> Link below is article from the Guardian re: what it is like to live next to a fracking site: (***and this was only 5 wells)***

https://www.theguardian.com/environment/2013/dec/14/fracking-hell-live-next-shale-gas-well-texas-us

Keep Colorado safe from all these fracking dangers.

Jill Rutherford

Virus-free. www.avg.com

With the upcoming meeting in Boulder to discuss the largest fracking site in CO slated to be installed just a few miles from here, I decided to see what research there is around fracking's impact to human health. In my brief search for factual info on fracking, I ran across a number of troubling issues regarding impact to human health, the environment, and implications for property values. To keep this as brief as possible, I have summarized below a few noteworthy facts I came across regarding fracking. If you are interested in what researchers have found, please see below series of 'cut/pastes' I came across:

FINDING: ***FRACKING IS TOXIC TO OUR WATER & AIR***
Especially harmful to our most vulnerable, children and pregnant women.

Air Quality

States like Colorado have seen tremendous spikes in air pollution due to fracking wells. **Air quality has been measurably harmed by fracking.**

In addition to water quality issues, fracking wells release compounds into the air, such as benzene, ethylbenzene, toluene and n-hexane; long-term exposure to these has been linked to birth defects, neurological problems, blood disorders and cancer.

Benzene, for example, is a known carcinogen, according to the American Cancer Society.
In 2012, researchers from the Colorado School of Public Health released a study showing that air pollution caused by fracking could contribute to **immediate and long-term health problems for people living near fracking sites.** ***Research by over 150 studies suggests that chemicals released during natural gas extraction may harm human reproduction and development.*** A 2016 study also found that living near a fracking site might also increase a person's risk of developing mild, moderate or severe asthma. One study in Texas found carcinogenic benzene levels 55 times higher than EPA air quality standards. Naphtalene, a known blood poison, was also found to exceed legal limits.

Numerous cases of severe air pollution have also occurred. Residents describe noxious fumes "wafting in" to the town causing nausea, vomiting, and loss of consciousness.
(NOTE: From what I read in recent posts, it sounds to me like this is already happening in Broomfield where they have 84 wells.)

WATER

Fracking has already been linked to drinking water contamination in Pennsylvania, Colorado, Ohio, Wyoming, New York, and West Virginia.

An EPA draft report released in 2015 found more than 150 instances of groundwater contamination due to shale drilling and fracking.
Even worse, the oil and gas industry has no idea what to do with the massive amount (BILLIONS OF GALLONS) of contaminated (TOXIC) water it's creating. **Fracking fluids and waste have made their way into our drinking water and aquifers.**

Much of the wastewater from fracking in this region is processed by public sewage treatment plants. Many of these plants do not have the capabilities to remove these TOXIC/radioactive substances, and they make their way into the public water supply.

In early October, scientists from Duke University published a report indicating dangerously high levels of radiation in a stream in western Pennsylvania. The researches took samples of sediments in the Blacklick Creek, which feeds into the water system that also supplies drinking water to Pittsburgh. The Blacklick Creek receives fracking wastewater runoff from a nearby treatment facility. Radioactive radium levels in the section of creek receiving the runoff were 200 times higher than in sediment upstream. Long term exposure to irradiated water has the potential to lead to many health risks, and greatly increases the potential for cancer.

Poisoning of Livestock, Pets and Wildlife

A 2012 report published by Dr. Robert Oswald, professor of molecular medicine at Cornell University, found dozens of cases of animal sickness and death linked to exposure to drilling operations. Oswald, along with veterinarian Dr. Michelle Bamberger, investigated cases of animal poisoning across Colorado, Louisiana, New York, Pennsylvania, Ohio and Texas. Many of these cases occurred when wastewater from fracking sites drains into fields, pastures and residential areas.

One of the most startling cases occurred in Louisiana. **17 cows died within an hour of direct exposure to hydraulic fracturing fluid.** Autopsies pointed to respiratory and circulatory collapse as the cause of death.

Another farmer reported that out of 60 cows that drank from a creek receiving wastewater, 21 died and 16 became infertile. His 36 other cows, which grazed in a field without access to the contaminated creek, did not develop any health or reproductive problems.

In January of 2012, Christopher Portier, director of the CDC's National Center for Environmental Health, suggested that the EPA investigate the potential for contamination of food products.
If livestock are grazing in contaminated land or drinking contaminated water, these contaminants could taint meat, cheese or eggs. Vegetables irrigated with contaminated water may also pose health risks. Unfortunately, the exact chemicals used in hydraulic fracturing fluid *have been kept secret*. *Lawmakers backed by the energy industry installed legislation to maintain the secrecy of the chemical formulas and thereby prevent the corporations from legal responsibility for contamination.*

WATER USE & POLLUTION

Fracking is a water-intensive process. In water-scarce states like Texas and **Colorado**, ***more than 3.6 million gallons of water are used every time a well is fracked,*** **which can happen multiple times throughout the life of a well.**
****(in Boulder's case, the proposed fracking site would have 140 wells. So doing the math on 140 wells= 504,000,000 gallons of water if well is just fracked once; or over 1 billion gallons of water used if well just fracked twice.) Can you wrap your mind around 1) the enormity of that many gallons and 2) all that waste water collecting in Boulder County?***

The process involves injecting a huge quantity of fresh water mixed with **toxic** chemicals — called 'fracking fluids' (i.e. the toxic compounds that are allowed to remain 'secret', thanks to our federal government) — deep into the ground. Fossil fuels companies routinely claim that these fracking fluids are harmless because they're roughly 2 percent chemical and 98 percent water. **But 2 percent of the billions of gallons of fracking fluid created by drillers every year equals hundreds of tons of toxic chemicals, many of which are kept secret by the industry.**
Even worse, the oil and gas industry has no idea what to do with the massive amount (BILLIONS OF GALLONS) of contaminated (TOXIC) water it's creating. **Fracking fluids and waste have made their way into our drinking water and aquifers.**

Homeowners in some affected areas even report being able to light the water coming out of their kitchen sinks on fire due to gas contamination.

FINDING: *FRACKING IS RESPOSIBLE FOR EARTHQUAKES*

Scientists have made firm links between earthquakes in Colorado, Oklahoma, Ohio, and Arkansas in the past few years.

Many areas of the United States not considered earthquake-prone, such as Ohio and Oklahoma, are now experiencing relatively strong seismic activity since fracking began in their area.

Oklahoma, for example, averaged **21** earthquakes above a 3.0 magnitude per year between 1967 and 2000. Since 2010 and the beginning of the fracking boom, the state has averaged **more than 300** earthquakes above 3.0 magnitude every year.

Most of these earthquakes are caused by underground injection wells, which are used to dispose of contaminated water created by the fracking process. These wells do not produce the gas and oil. **However, the shale industry creates so much contaminated (toxic) wastewater — and has so few options for disposing of it — that injection wells have become a critical part of shale drilling and fracking.**

Methane gas — the main component of natural gas — is less common but more potent greenhouse gas than carbon dioxide. In fact, it's 85 to 105 times more powerful than carbon dioxide at disrupting the climate over a 20-year period.
****

Here is the info again that was provided in the original post from Nextdoor:

If you cannot attend the meeting in Boulder (Boulder County Courthouse at 4 p.m. this Tuesday, 16th July) and want the commissioners to know you don't want fracking in Boulder county, simply write in your comments online **before July 15th** to oilgascomment@bouldercounty.org

From: Constance Melvin
To: Boulder County Oil and Gas Comment; Boulder County Board of Commissioners
Subject: comment against fracking
Date: Sunday, July 14, 2019 4:32:35 PM

According to the American Geosciences Institute, one well can require anywhere from 1.5 million to 16 million gallons of water to drill. Water is such a precious commodity in CO - a commodity that should go to farmers, ranchers, & the people living here. Not to fracking. It was pointed out that fracking uses a relatively small percentage of water compared to snowmaking or agriculture and while that may be correct, the snow will melt and re-enter the water system. The farmer's irrigation will not only supply his crops, but filter down into aquifers.
Fracking water is poisoned and is therefore injected back into the rock reservoirs and if we are unlucky enough to have it done incorrectly, there are earthquakes.
And if you think earthquakes are not disconcerting to residents in the area even if plates are not falling out of cupboards, you are sorely mistaken. A little too late for an oops for a process done incorrectly.
Several countries have banned fracking. Several states have banned fracking. **Hundreds of counties and cities across the US have banned fracking.** If CO is not going to be one of them, then at the very least these wells should not be remotely close to communities. i.e. not in Boulder County.

Joe & Connie Melvin
8520 Waterford Way
Niwot, CO

From:	Damian D"Apolito
To:	Boulder County Oil and Gas Comment
Subject:	Opposed!
Date:	Sunday, July 14, 2019 4:37:22 PM

Hello,

Please accept this email as a 'no' vote regarding the proposed fracking site in Boulder County.

Fracking has been proven to have negative human health and environmental impacts. I'm sure you all have done your research on this topic. Please do not allow this to go through! Rather, please continue to support projects such as IBM's solar farm. Renewable energies are the future. Oil and gas will become extinct just like the dinosaurs. Please do not support a dying technology. Please support new clean and green technologies such as wind and solar.

Thank you for your time.

Damian D'Apolito
8312 Greenwood Drive
Niwot 80503

Sent from my iPhone

From:	Shari Leyshon
To:	Boulder County Oil and Gas Comment
Subject:	Enact Lengthy Moratoriums on seismic exploration and oil and gas well permitting
Date:	Sunday, July 14, 2019 4:39:51 PM

Dear Commissioners Gardner, Jones and Jones,

I urge you to enact a long term moratorium on fracking and seismic exploration (O&G) . In order to protect the health of Boulder County, continue additional moratoriums . No new wells can be created and still protect health and safety.

Two years ago my neighbor rushed to the hospital with cardiovascular and respiratory distress. Healthy, she'd hiked twelve miles in the foothills as she normally does. Once home from an overnight hospital stay, she learned that a plume from fracking wells had blown into the county, with heavy counts of particulate matter. In the last few days, I've experienced bronchial swelling, as Boulder's air is measured as unhealthy. We live in historic homes, with no air conditioning. We rely on fans circulating outside air.

It's no mystery experiencing illness , living in a state with 60,000 wells. By the numbers an analysis of 1,300 peer reviewed studies of fracking has established that:

87% of air quality studies found significant air pollution emissions

84% of human health studies found signs of harm , or indications of potential harm.

And the biggest threat is because of climate change. The World Health Organization says climate change poses the greatest health and safety emergency . NASA links the most significant increases in heat inducing methane to O&G.

Our U.S. Congressman has just signed a resolution calling for declaration of a climate emergency. Jeffrey Sachs, policy analyst at Columbia University , has stated on CNN that government inaction on climate change is a crime against humanity.

We have twelve years to stop the most devastating health effects of climate change , according to the UN .

A Harvard study states that is foreshortened to five years.

Both studies stress political will is what's required. Boulder County citizens possess that will. A lengthy and then continuing moratorium is necessary. As a voter and your constituent, I hold you accountable to that end. We are counting on you.

Thank you.

Shari Leyshon

Boulder, CO 80302

Sent from Yahoo Mail for iPad

From: joannerowley@everyactioncustom.com on behalf of Jo-Anne Rowley
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Sunday, July 14, 2019 4:40:06 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Ms. Jo-Anne Rowley
Lafayette, CO 80026
joannerowley@earthlink.net

From:	Puneet Pasrich
To:	Boulder County Oil and Gas Comment
Subject:	Strongest protections possible
Date:	Sunday, July 14, 2019 4:42:18 PM

Dear Commissioners,

As a practicing energy engineer, I have seen many sides of the energy policy debate. Without any reservation, I urge you to legislate for the greatest protections and a long-term moratorium on any oil & gas activities in Boulder County. There is certainly a lot of emotion, FUD, money, and political pressure. However, the risk to our water, air, and quality of life is not worth endangering.

We, the community and people of Boulder County, are counting on you to protect us from all oil & gas exploration and extraction, all of which is highly invasive to the peace and enjoyment that we wish to continue having in our lives.

Regards,
Puneet Pasrich
Boulder, CO

From:	Scott Taylor
To:	Boulder County Oil and Gas Comment
Subject:	Fracking opposition
Date:	Sunday, July 14, 2019 4:50:59 PM

Please add my name to the list of those in opposition to any newly proposed fracking initiatives in Boulder County. I don't feel that the information produced by the oil and gas industry regarding health effects is truthful. I am much more concerned with the health of my family than potential profit by oil and gas companies. I don't want to look back at any point when I might have health issues related to fracking and wish that I would have raised my opposition when I had the chance. Please stop ANY new O&G intiatives in Boulder County going forward!

Sincerely,

Scott & Jennifer Taylor and family

Sent from my iPhone

From:	Mary Wallace
To:	Boulder County Oil and Gas Comment
Subject:	Fracking
Date:	Sunday, July 14, 2019 5:32:21 PM

I live in Boulder County and do not want any fracking here.
Mary Wallace

Sent from my iPad

From:	S. Trueblood, Ed.D.
To:	Boulder County Oil and Gas Comment
Subject:	Fracking in Boulder County
Date:	Sunday, July 14, 2019 5:39:20 PM

Clearly, the people of Boulder County do not want fracking near residential areas. The election proved that.

Please be wise. We do not want our air and water polluted. We watch the fracking stations build in Weld County. That is not acceptable here.

Please let my voice be heard. Vote AGAINST FRACKING in Boulder County, especially near Longmont!

Thank you for listening.
Suzanne Trueblood
1651 Venice Lane
Longmont, CO
80503
--
Sent from doctrueblood@gmail.com

From:	CRIS CAMERY
To:	Boulder County Oil and Gas Comment
Subject:	No Fracking!!!!
Date:	Sunday, July 14, 2019 6:41:46 PM

Keep the fracking out of Boulder County

-Cris Camery

From:	Carolyn Elliott
To:	Boulder County Oil and Gas Comment
Subject:	Extend Oil and Gas Moratorium
Date:	Sunday, July 14, 2019 7:26:20 PM

Dear Commissioners,

As you meet this coming Tuesday, July 16th, please consider deeply the need to extend the current oil and gas moratorium in all of Boulder County.

Given the research, and the vote Boulder County citizens made to protect open space, along with our health, the moratorium placed in June should be extended by a large margin, if not, then in perpetuity.

Thank you for your consideration.

--
Carolyn Elliott
We must be willing to get rid of the life we've planned so as to have the life that is waiting for us. ---Joseph Campbell
Every mythology, every religion is true...as metaphorical of the human and cosmic mystery. But, when it gets stuck to the metaphor...then you're in trouble. ---Joseph Campbell

From:	Jean Gurule
To:	Boulder County Oil and Gas Comment
Subject:	No Fracking in Boulder County
Date:	Sunday, July 14, 2019 7:55:16 PM

The evidence is clear that fracking has too many negative impacts. Listen to your community!

Sent from my iPhone

From:	Katrina
To:	Boulder County Oil and Gas Comment
Subject:	No oil drills!
Date:	Sunday, July 14, 2019 8:49:40 PM

Sincerely,
Katrina

From:	Tambre Rasmussen
To:	Boulder County Oil and Gas Comment
Subject:	My opinion
Date:	Sunday, July 14, 2019 8:58:41 PM

I live in East Boulder county and I am completely against fracking as it is known for destroying the water and causing increased air pollution and cancer-causing chemical exposure to humans and animals.
Sent from my iPhone

From:	cassieleeg@everyactioncustom.com on behalf of Cassie Greenwood
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Sunday, July 14, 2019 9:01:59 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Ms Cassie Greenwood
Boulder, CO 80301
cassieleeg@comcast.net

From:	Joe Pem
To:	Boulder County Oil and Gas Comment
Subject:	BC fracking
Date:	Sunday, July 14, 2019 9:03:14 PM

I will not be able to attend the meeting so want to express my opinions on fracking in boulder county, I am opposed to fracking in boulder because it has not been proven to be safe for people near the well site it impacts the surface land in a negative way can't be used by humans after drilling has started.
No to fracking in boulder county
Sent from my iPhone

From:	jamieps@everyactioncustom.com on behalf of Jamie Stroud
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Sunday, July 14, 2019 9:04:26 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

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Thank you,

Sincerely,
Mr. Jamie Stroud
Boulder, CO 80301
jamieps@comcast.net

From:	R Edwards
To:	Boulder County Oil and Gas Comment
Subject:	fracking feedback
Date:	Sunday, July 14, 2019 9:06:58 PM

Hello,

We live in SW Longmont and have heard there will potentially be a large fracking site installed several miles away.

The dangers and health issues related to fracking are known and well-documented. I do not want fracking anywhere near our residential areas. We must keep Boulder County safe and free from fracking. I do not think that the oil and gas industry has our best interests in mind, their main interest is profit. They have shown repeatedly with safety violations, accidents, spills, etc. that they cannot be trusted to produce in a safe way and that they do not care about the long-term health of the local people or environment.

Thank you,

Rachel Edwards
1850 High Plains Dr.
Longmont, CO 80503

From:	Cynthia Reber
To:	Boulder County Oil and Gas Comment
Subject:	Fracking in Boulder County
Date:	Sunday, July 14, 2019 9:17:56 PM

Hello,

I would like to add my name to the list of those who oppose fracking sites in our beautiful Boulder County.

For the sake of our children, grandchildren and all future generations, I want to do whatever I can to preserve the pristine beauty, clean air, nature and water I have enjoyed.

From the research I've read, there appears to be enough negative effects on health and nature to say, at the very least, that we don't know the long term consequences of fracking for future generations in Boulder County. That, in itself, for me, is reason for restraint and reconsideration.

Thank you for listening!

Cynthia Reber Maman
2147 Springs Pl
Longmont, CO 80504

Sent from my iPhone

From:	Barbara Fahey
To:	Boulder County Oil and Gas Comment
Subject:	Oil and gas development moratorium
Date:	Sunday, July 14, 2019 9:20:38 PM

Dear Board of County Commissioners,

I am writing to express my support for the moratorium on oil and gas development in Boulder County. I believe that air quality is of vital importance in the Boulder Valley. I ask that you consider a permanent moratorium to protect the air quality for all, but especially our most vulnerable populations.

I have asthma and am subject to chronic bronchitis so I am part of that population. I believe that oil and gas development should be prohibited in Boulder County as it already exceeds federal air quality standards for ozone and adding benzene, ethane and other petroleum development byproducts to the mix can only worsen the situation. As you may know, ethane, an oil and gas development marker, has been found in air samples all the way into the foothills of the county. In fact, the ethane and ozone pollution here make us fall into the top 5% of most polluted locations in the entire country.

We can't control what happens in other counties but we can here. I respectfully ask that you consider a permanent ban on oil and gas development in Boulder County.

Thank you for listening to my concerns.

Barbara Fahey

From:	Jack Scharf
To:	Boulder County Oil and Gas Comment
Subject:	I don't want fracking in Boulder county.
Date:	Sunday, July 14, 2019 10:05:26 PM

Please count me among the voters who do not want fracking in Boulder county. I live in Longmont.

From:	Connie Schaefer
To:	Boulder County Oil and Gas Comment
Subject:	Fracking is extremely harmful to the water and air
Date:	Sunday, July 14, 2019 10:26:24 PM

Please look into the facts about fracking. It brings toxic chemicals into our water, including drinking water. There are toxins emitted into the air at the site of the fracking. It sickens animals and people. It causes cancer and auto-immune diseases.

Please ban fracking in Boulder County.
Connie Schaefer
Resident, Longmont, CO
832 Kane Drive, Unit 38

Sent from Mail for Windows 10

From:	Annemarie Prairie
To:	Boulder County Oil and Gas Comment
Subject:	Make Boulder safe
Date:	Sunday, July 14, 2019 10:29:23 PM

Dear Commissioners:

Please do everything in your power to enact a lengthy moratorium on all new drilling permits and seismic testing. It is your responsibility to protect the citizens of Boulder County from all future drilling. The health and well-being of your constituents is in your hands. Please do the right thing and keep us safe.

Warmly,
Jim and Annemarie Prairie

From:	Deborah Mensch
To:	Boulder County Oil and Gas Comment
Subject:	extend and strengthen gas and oil drilling moratorium
Date:	Sunday, July 14, 2019 10:37:46 PM

I ask that you keep in place, and strengthen to the extent allowed by law, the moratorium on oil and gas drilling in Boulder County. There has already been too much abuse of our local environment and human health by drilling companies. For example, natural gas extraction and use is only environmentally better than coal if leakage into the atmosphere is contained below 2% -- but leakages above that level are very common. We need stronger testing and enforcement of our standards on drillers, and until we have the right rules in place, and the strength and funding to enforce them, no new drilling should begin. In the meantime, we should be supporting development of renewable energy, and the infrastructure to use it well, as fast as possible. More drilling is gambling with my children's futures, and it's not acceptable.

Thank you,
Deborah Mensch
409 Wilson St, Lafayette, CO 80026

From:	Kathleen Rutherford
To:	Boulder County Oil and Gas Comment
Subject:	NO TO FRACKING
Date:	Sunday, July 14, 2019 10:51:00 PM

Commissioners:

This diagram from a 2013 Environment Colorado Research & Policy Center report is a great summation of how fracking leaves the public at the mercy of the oil and gas drilling industry in a myriad of ways—but primarily it all comes down to where the money will come from when attempting to fix any of the possible things that could and have gone wrong in this industry in the past.
Furthermore, it is still up to the public, once again, to pay with their time by enduring heavier traffic from such a giant endeavor of creating 140 wells in a highly populated area—the largest proposed fracking site in the state of Colorado, which in all reality would not be without unexpected delays/malfunctions that could further interrupt/endanger our lives on a large scale. Additionally, the costs in damages of all the heavy machinery on our roads would be another cost that would fall back on the shoulders of the public.
There is also the fact that fracking machinery is a tremendous eyesore to all who drive by or live near it—especially when there is a beautiful mountain range in the background.

To top it all off, Boulder County doesn't have an oil and gas pollution tax to hedge its bets. The cities of Boulder and Lafayette do. That's at least some renumeration for the damage they know fracking does... and it's been decades since either of these cities have received a new well application.

Infographic design: Jenna Leschuk; Photos: boy drinking water, Ken Bosma, flickr, Creative Commons; construction roadwork, Doug Tone, flickr, Creative Commons; doctor and patient, AritoAB, flickr, Creative Commons; house for sale, David Smith, flickr, Creative Commons; fracking from above, Allegheny Defense Project.

https://environmentcolorado.org/sites/environment/files/Who%20Pays%20the%20Cost%20of%20Fracking.pdf

All in all, no amount of money can buy our health back and it takes many, many decades to clean up environmental disasters. Think about the safety of the current, growing population and the generations to come.

I pray you heed the tragedies of the past and the many studies that continue to confirm the many detriments fracking has radially on the people and environment in every location—even after the project is 'seen through'.

I strongly object to the proposed fracking and pray that you truly and deeply consider what the costs of oil and gas drilling are in this beautiful tourist county/state/country, whom they affect, and the example it sets before proceeding to make your decision.

Thank you for your time and God bless,

Kate Rutherford

From:	Georgi Ivanov
To:	Boulder County Oil and Gas Comment
Subject:	Against fracking in Boulder County
Date:	Sunday, July 14, 2019 11:08:06 PM

Dear Boulder County Commissioners and Staff,

I am strongly opposed to fracking in Boulder County and particularly the proposed Crestone Peak project.

Heavy industrial activity is not what Open Space was intended for. This project will violate our protected pubic land paid for by us, the residents and homeowners in our county.

We have a lot of science based evidence and personal testimonies about the danger of fracking. My concerns about fracking are also based on personal experience. I am a local truck driver for a national LTL carrier. One of my former routes was in the area of Brighton, Fort Lupton and Hudson. Not only I witnessed and smelled the oil fields, I delivered thousands of pounds of poison (DOT Class 6 Hazmat) to fracking fluid companies. These companies prepare chemical mixtures to be injected in the earth to fracture shale formations. A hint about the seriousness of poison shipments - no edible cargo is allowed on trailers with poison. If I had not witnessed this, it would have been harder to imagine that the oil and gas industry really pumps poison in the earth.

I strongly urge you to do whatever possible to stop fracking in Boulder County. This industrial practice is destructive and its negative impacts on our land and quality of life will be irreversible.

Sincerely,

Georgi Ivanov
4550 Broadway St, Unit 212
Boulder, CO 80304
773-963-4553

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1174] - [Name: Brown, Shirley] Re: Fracking Ban in Boulder County
Date: Monday, July 15, 2019 7:41:23 AM

Name *	Shirley Brown
Email *	swilson50@live.com
Address or General Area (optional)	4500 19th street lot 552 Boulder, CO 80304 United States
Phone Number (optional)	(970) 570-9105
Subject *	Fracking Ban in Boulder County
Comments, Question or Feedback *	I demand that our Boulder County Commissioners BAN all fracking in Boulder County. This is vital for the well being of our community and the future of our children. Just say No to fracking.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Boulderjeanne
To:	Boulder County Oil and Gas Comment
Subject:	Fracking
Date:	Monday, July 15, 2019 8:38:05 AM

I understand that you are having a meeting to discuss proposed fracking in Boulder County. I am a resident in Longmont and want to say that I am against any kind of fracking in the county especially any where near residential areas. Please do not allow this to take place as I feel it would be extremely detrimental in many ways.... human health, water, environment, air quality, property values, etc. VOTE NO!

Jeanne White
4207 Bella Vista Drive
Longmont, CO 80503

From:	JMBrooks
To:	Boulder County Oil and Gas Comment
Subject:	No More Fracking in Boulder County
Date:	Monday, July 15, 2019 8:55:57 AM

Can't attend meeting, but my opinion is no more fracking in Boulder County.

Janet Maraya Brooks
Longmont, CO

From: Leslie Weise
To: Boulder County Oil and Gas Comment
Subject: Moratorium - Public Comment L. Weise
Date: Monday, July 15, 2019 8:56:35 AM

Dear Boulder County Commissioners,
Thank you for enacting a temporary emergency ban on new permits for oil and gas drilling in the county. I fully support a vote on transferring this temporary ban to an actual ban. I am currently traveling out of the state and am unable to make tomorrow's hearing with public comment, and therefore wanted to submit written comments to you. The following are my points on this topic.

A ban on any new oil and gas permitting in Boulder County should be in effect for at least nine months, but ultimately should be extended until the time the state agency, COGCC, completes its rule making regarding the new state law passed this year, SB 19-181, which is not expected until at least the end of 2020.

Boulder County should instead consider and implement a permanent ban on new oil and gas drilling in our borders, as the health impacts of oil and gas are now much better known through scientific study, and show that this industry's operations are the cause of increased ozone formation, carcinogenic type emissions (such as benzene, toluene, others), and significant methane releases. With the county and state experiencing such drastic effects of ozone emission exceedances and climate change from human caused greenhouse gas emissions, it is both irresponsible and arguably illegal under the new law SB 19-181, to knowingly allow for the oil and gas industry to increase its adverse impact on people, wildlife and the environment in all these areas.

I support Boulder County enacting a 9 month ban on oil and gas drilling, with extensions until the state law rule making for SB 19-181 is completed; and even **more enthusiastically support a total permanent ban** on any new oil and gas drilling within our county limits.

State preemption no longer would prevent such a total ban, since the 2016 State Supreme Court cases on this issue, City of Longmont v. COGA, and the predecessor case of *Voss v. Lundvall Bros., Inc.*, 1992 820 P.2d 1061which City of Longmont relied, both relied on the pre- SB 19-181 version of the Colorado Oil and Gas Conversation Act to determine the State Interest was to "foster" the oil and gas industry. This is no longer the case, as local governments are granted more control, and the State is now directed to responsibly "regulate" the oil and gas industry with a priority on "public health, safety, welfare, the environment and wildlife resources", under the new law. Thus, the County of Boulder can, and must, ban new oil and gas permitting to carry out the directive of the new law.

Thank you for taking responsible action for our County's residents, its wildlife and environment, in support of public and environmental health and safety.

Leslie Weise
Niwot, CO

From:	Sky Canyon
To:	Boulder County Board of Commissioners
Subject:	comment on fracking
Date:	Monday, July 15, 2019 9:11:55 AM

Greetings Commissioners,
I'm writing to request that you ban fracking FOREVER in Boulder County. The statistics from all over the world are in: fracking is dangerous to our water supplies, it has been shown to trigger earthquakes, and I do not want my or my neighbors' water and land contaminated. We have better sources of energy that are competitively priced.
Please do NOT allow fracking to occur in Boulder County.
Thank you,
Sky Canyon

Sky Canyon
Sunnyside Group, LLC
303-499-8998
Cell: 303-809-5395
2525 Arapahoe Ave., Bldg E4, Suite 422
Boulder, Colorado 80302
sky@sunnysidegroup.com

From:	George Ramsey
To:	Boulder County Oil and Gas Comment
Cc:	John Morecock; Orin Hargraves; Sherry Ellms; Fladmark
Subject:	please help us push back against the oil and gas corporations
Date:	Monday, July 15, 2019 9:23:14 AM
Attachments:	PSR Position Statement on Hydraulic Fracturing - Physicians for Social Responsibility.webarchive

Dear County Commissioners:

First of all, thank you for all of the good work on the issue of hydraulic fracturing in Boulder County, especially the recent enactment of a moratorium on new drilling in east Boulder Country.

I live in Niwot and am especially concerned about the encroachment of the oil and gas industry on my neighborhood. I am actively working on the problem of global climate change and am aware of the problem of the release of methane as related to increased atmospheric warming. The poorly regulated fossil fuel industry poses additional threats to our personal and global health.

Please help us push back; we are counting on you as a "firewall" against increasing threat to health and safety.

Thanks for taking the time to read my message. If you have the time, I'm also including the Physicians for Social Responsibility position paper on hydraulic fracturing.

Respectfully,

George Ramsey

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1175] - [Name: Boslet, Hilary] Re: NO Fracking in Boulder County
Date: Monday, July 15, 2019 9:23:48 AM

Name *	Hilary Boslet
Email *	hilaryboslet@yahoo.com
Address or General Area (optional)	4881 White Rock Circle, G Boulder, CO 80301 United States
Subject *	NO Fracking in Boulder County
Comments, Question or Feedback *	I completely oppose ANY new fracking in Boulder County. No discussion, no compromise. No fracking in Boulder County.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Jodi Bernstein
To:	Boulder County Oil and Gas Comment
Subject:	No fracking in BoCo
Date:	Monday, July 15, 2019 10:26:54 AM

Dear Commission,

I am writing to very strongly object to the proposed fracking in Boulder County near Niwot. Fracking is a detriment to our communities; it poisons our air and water. It is not safe no matter how many studies the oil and gas companies create to tell us otherwise. We have a wealth of fossil fuel energy at our disposal already. The people of Boulder County do not need to be exposed to unhealthy and fatal contaminants to further the profits of oil and gas. We need to be looking to the future; investing in renewable sources of energy. Please think about the future of your children and grandchildren and vote no.

Jodi Bernstein
Longmont, CO

From:	Anne Hamilton
To:	Boulder County Oil and Gas Comment
Subject:	Fracking
Date:	Monday, July 15, 2019 10:54:52 AM

Stop drilling new wells in our state! As it is we can hardly see the mountains depending on how much poisonous gases are in the air. Go somewhere where there aren't any people around to get sick from this oh, I'm sure you can find a space further north where there is not one person in sight off of I-25. Don't forget your families will also get sick some of this pollution that you are creating for them.

From:	Teresa F
To:	Boulder County Oil and Gas Comment
Subject:	Comments re July 16 meeting
Date:	Monday, July 15, 2019 11:27:57 AM

Dear County Commissioners,

I'm not able to attend on July 16 as I had hoped so here are my comments.

I'm glad that you think we should have tighter restrictions but I think it is in within your power to put in place **A TOTAL BAN ON FRACKING**. No more dealing with the oil and gas devils. **BAN IT.** You are smart people and I know you can figure out a way to make it impossible for them to drill. Remember Wilberforce and the end of slavery in the UK?

You may already be aware of the health compendium put forth by the Physicians for Social Responsibility demonstrating the risks and harms of fracking. Please do immerse yourselves completely in this very detailed compilation of studies of the risks from fracking. You and your families are also at risk! Would you willingly put your own family at risk?

https://www.psr.org/blog/resource/compendium-of-scientific-medical-and-media-findings-demonstrating-risks-and-harms-of-fracking/

Furthermore, we can't allow any more fossils fuels to be unearthed because we have **less than** 12 years to turn around global warming or else we are **ALL TOAST**. If you want to sign your family's death warrants, allow drilling. That's a huge responsibility!

You can see the climate emergencies speeding up all around you. Look at New Orleans, Alaska and Europe. The evidence is real. Our planet has a fever. Your decisions will will go a long ways. Do we put our life support system first? Or bow to our oil and gas masters?

Think about it very hard. All drilling must stop, period.

Do not go down the rabbit hole where you can never return. I'm sure that you're aware that the fracking companies are operating **in the red.** Who will clean up if they go bankrupt? Boulder County would have to cover the cost of any cleanup. And if they drill, they spill and (drumroll), they cause absolute mayhem.

The oil and gas industry is all about the money at our expense. Oil and gas must be kept IN THE GROUND because there is no economy on a DEAD PLANET. Please think about this very hard.

We must transition away from the madness. You have a choice. Please make the one to save our planet.

Thank you

Teresa Foster
Longmont

From:	Katherine Head
To:	Boulder County Oil and Gas Comment
Subject:	SB181
Date:	Monday, July 15, 2019 11:57:02 AM

Boulder County Commissioners
As a resident of Niwot and Boulder County I am asking that Boulder County run its moratorium on gas and oil permits until ALL state and county rule making processes have been completed. The COGCC expects this process of rulemaking to at run at least until September 2020 for SB181. Thank you,
Katherine Head
8033 Countryside Park#202
Niwot, CO.

From: Karen Staley
To: Boulder County Oil and Gas Comment
Subject: NO Fracking
Date: Monday, July 15, 2019 12:45:43 PM

Dear Commissioners,

I'm prepping for a colonoscopy tomorrow or you can bet I'd be there to voice my strong opposition to the proposed fracking in Boulder County. I've recently purchased a home in Longmont, having moved from my life-long home in Kansas City where last year I was awakened in my second floor bedroom by rumbling and the thud of the chimney banging against my house. The cause of the earthquake was confirmed to be a fracking site in Oklahoma, nearly 300 miles away. Of course, the companies doing the fracking refuse responsibility for damages per their modus operandi as they leave a trail of devastation in their wake. That's criminal.

Why, why, why would you even consider allowing this to go forward in Boulder County? Simple answer: $$$. How are you going to address damages from the inevitable earthquakes fracking will cause? How are you going to address the health problems that fracking causes? Most of all, how can you justify supporting the destruction of this fragile planet and climate? Say no to Big Oil & Gas, who are only motivated by greed. Look toward sane, renewable sources of energy. Do the right thing.

Sincerely,

Karen Staley

From:	elizabethmedia@everyactioncustom.com on behalf of Elizabeth Nitz
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for your climate leadership and work to protect Boulder County from fracking
Date:	Monday, July 15, 2019 1:01:39 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Mrs. Elizabeth Nitz
Longmont, CO 80503
elizabethmedia@yahoo.com

From:	Kenneth Nova
To:	Boulder County Oil and Gas Comment
Subject:	comment
Date:	Monday, July 15, 2019 1:13:13 PM

Hello,

I have lived in Boulder County since 1984. I would like to strongly encourage the Boulder Co Commissioners to enact a significantly long moratorium on all new permits for oil and gas well drilling and seismic testing. Citizens need to be protected from all future drilling. We need full commitment to renewable resources before climate change overwhelms human society!

Thank you,
Kenneth Nova
355 South 44th St
Boulder, CO 80305
kgnova9@mac.com

From: radhakps108@gmail.com
To: Boulder County Oil and Gas Comment
Subject: Fracking
Date: Monday, July 15, 2019 1:37:31 PM

Dear Boulder County Commissioners - We ask that Boulder County run its moratorium on new oil and gas permits until after all state and county level rule-making processes have finished. Per their calendar, COGCC expects state level rule-making for SB-181 to run until at least September 2020.
Sent from my iPhone
Radha Pillai

From:	Donna Werner
To:	Boulder County Oil and Gas Comment
Subject:	moratorium
Date:	Monday, July 15, 2019 2:05:28 PM

Dear Commissioners, Please enact a lengthy moratorium on all new permists and seismic testing to protect our citizens from all future drilling.
Thank you.
Donna Werner
3067 10th St.
Boulder, CO 80304

From:	Sriram Ravulapati
To:	Boulder County Oil and Gas Comment
Subject:	Comments Regarding SB181
Date:	Monday, July 15, 2019 3:37:01 PM

Dear Boulder County Commissioners - We ask that Boulder County run its moratorium on new oil and gas permits until after all state and county level rule-making processes have finished. Per their calendar, COGCC expects state level rule-making for SB-181 to run until at least September 2020.

Regards
Sriram Ravulapati
Dr. Sravanthi Ravulapati

Longmont, CO

From:	Lisa Trank
To:	Boulder County Oil and Gas Comment
Subject:	Moratorium on Fracking
Date:	Monday, July 15, 2019 3:37:55 PM

Hello,

I'd like to strongly encourage commissioners to enact a lengthy moratorium on all new permits and seismic testing. Demand that they protect citizens from all future drilling.

Thank you for your time.

Lisa Trank
Longmont, Colorado
--

Lisa Trank
Writer. Mother.
http://www.lisatrank.com
@ltrank The Write Platform

"My Teflon Birth Plan" - featured essay in "So Glad They Told Me: Mothers Get Real About Motherhood" published by The HerStories Project

Author of "1939 Plymouth, or the Bootlegger's Driver," Runner-up in 2015 Saturday Evening Post Great American Fiction Contest

"Be kind whenever possible. It is always possible." - His Holiness the Dalai Lama

From: Kathy Partridge
To: Boulder County Oil and Gas Comment
Subject: I encourage moratorium
Date: Monday, July 15, 2019 3:56:06 PM

Dear Boulder County Commissioners,

As a resident of Boulder County I encourage you to enact a lengthy moratorium on all new permits and seismic testing. Pleaes take action to protect citizens from all future drilling.

Thank you,

Kathy Partridge

--
Kathy Partridge
2719 Denver Ave.
Longmont, CO 80503
303-594-6434

(she, they)

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1176] - [Name: Goeke, Chris] Re: Resolution 2019-59
Date: Monday, July 15, 2019 4:03:35 PM

Name *	Chris Goeke
Email *	cgoeke@outlook.com
Subject *	Resolution 2019-59
Comments, Question or Feedback *	Please extend the moratorium currently in effect. (Or amend it to make it permanent!) Please protect the county lands from the activities that will cause immediate or foreseeable harm to wildlife habitat, species, and the community.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Raymond Bridge
To: Boulder County Oil and Gas Comment
Subject: Oil & Gas Moratorium
Date: Monday, July 15, 2019 4:51:33 PM

Boulder County Audubon Society

Commissioners:
Boulder County Audubon Society thanks you for passing the oil & gas permit moratorium.
It is critical to allow the county to revise our regulations, in accordance with what is now permitted with the enactment of SB181.
We urge you to enact regulations that, to the maximum extent now permitted, protect the health and safety of residents, as well as protecting our environment and the integrity of our open spaces, land, water, and wildlife.
Yours truly,
Raymond Bridge, Conservation Chair,
For the BCAS board

From: Tam Sotillo
To: Boulder County Oil and Gas Comment
Subject: No to drilling and permits
Date: Monday, July 15, 2019 5:34:54 PM

Under no circumstances should the Bldr Cnty Commissioners consider approving even a temporary permit to oil and gas permitting on open space!
Thank you doing your job to protect citizens and public lands from contamination by the oil and gas industry.
Tamara Sotillo
Louisville, CO

--
It's never too late to be what you dreamed of being.

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1177] - [Name: Fink, Deborah] Re: oil & gas moratorium
Date: Monday, July 15, 2019 5:41:04 PM

Name *	Deborah Fink
Email *	deb@harvestthebounty.com
Address or General Area (optional)	Boulder 80305
Subject *	oil & gas moratorium

Comments, Question or Feedback *

Dear Commissioners -

I was thrilled at your special meeting on 28 June not only that you passed the Emergency Temporary Moratorium on the accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County, but also that each of you spoke of your concerns about fracking in Boulder County so clearly and strongly.

Due to a long-standing medical appt, I will not be present again on 16 July at your hearing for public testimony and making any necessary changes to the temporary moratorium. I am, therefore, addressing my concerns here.

I am sure you are aware that the Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution with air quality rated an "F" by the American Lung Association. We must prevent further diminishment of our air quality.

You most certainly know as well that Physicians for Social Responsibility has also called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

Given the serious threats that fracking in Boulder County poses not only to our air, but also to water quality, humans, animals, and the climate, the clear and only responsible choice is to ban fracking entirely. I am counting on you to take the strongest stand and place the quality of all life above short-term oil and gas profits. Thank you for your movement in that direction.

Please check box below * • I acknowledge receipt of the Open Records Notification

From:	Sfelte
To:	Boulder County Oil and Gas Comment
Subject:	Fracking ban
Date:	Monday, July 15, 2019 7:32:34 PM

I'm unable to attend the meeting Tuesday regarding fracking in Boulder county. I live in Lafayette.

While I appreciate the moratorium recently imposed, I believe a fracking ban is absolutely needed at this time. Science supports the negative health impacts regarding air and water quality from fracking.
We need the county commissioners to stand up for us. Oil and gas companies care about profits, not our health or our quality of life. Tour Weld county if you want to see land scarred with negative health impacts.

We need to push back here in Boulder county and protect our cities and county!!

Thank you,
Sandra Felte
Sent from my iPhone

From:	Leslie Schein
To:	Boulder County Oil and Gas Comment
Subject:	Moratorium on oil and gas drilling
Date:	Monday, July 15, 2019 10:15:32 PM

Dear Boulder County Commissioners,

I am so grateful for your service to our community. I am writing to voice my strong opposition to oil and gas drilling operations in our community. The terrifyingly negative consequences to our health and to our environment cannot be ignored. I appeal to you to enact a lengthy moratorium on all new permits and seismic testing. Our children deserve a healthy and sustainable future.

Sincerely,

Leslie Schein
Boulder, CO 80302

From:	Zhenya Gallon
To:	Boulder County Oil and Gas Comment
Subject:	Enact a lengthy moratorium on all new permits and seismic testing
Date:	Monday, July 15, 2019 10:42:17 PM

Dear Commissioners,

Please enact a lengthy moratorium on all new permits and seismic testing. No further drilling until the oil & gas companies can demonstrate to our satisfaction how their activities can be done without endangering the health and safety of our citizens and our environment.

Thank you.

I.Z. Gallon

710 S. 42nd St.

Boulder 80305

zhenyag@comcast.net

From:	Keith E
To:	Boulder County Oil and Gas Comment
Subject:	Ban fracking now
Date:	Monday, July 15, 2019 10:57:13 PM

Moratorium is GREAT but it needs to be banned!
We are all suffering irreparable harm from the toxic air & water pollution from these drills/wells.
I am a Boulder homeowner & have been here 20 years.
I've watched as the nasty haze has gotten significantly worse.
Worse air than Beijing??? Wow.
I want to move it's so awful here....

From:	Jennelle Freest On
To:	Boulder County Oil and Gas Comment
Subject:	Opposed to oil & gas drilling
Date:	Monday, July 15, 2019 11:23:01 PM

Thank you for allowing for this public comment opportunity. I am strongly opposed to any additional oil and gas fracking in Boulder County (and in any of Colorado for that matter).

I am concerned about the public health risks and contamination of our air and water. There are other clean energy options for Colorado. Let us be the leader in renewable energy. Please work hard to continue the moratorium. Thank you for all that you do.

Sincerely,

Jennelle Freeston
4640 Portofino Dr.
Longmont, CO 80503
303-974-0202

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1178] - [Name: Gebhart, Virginia] Re: Oil and Gas
Date: Monday, July 15, 2019 11:29:10 PM

Name *	Virginia Gebhart
Email *	vgebhartk@gmail.com
Address or General Area (optional)	716 Rock Ridge Drive Lafayette, CO 80026 United States
Phone Number (optional)	(303) 880-3570
Subject *	Oil and Gas
Comments, Question or Feedback *	I support your action to place a moratorium on processing oil and gas applications. I would support a permanent ban of oil and gas operations on open space properties in Boulder County. I would support a longer moratorium on processing all oil and gas applications in all of Boulder County. We are not an industrial sacrifice zone.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Stephen Reynolds
To:	Boulder County Oil and Gas Comment
Subject:	Fracking 52 & 287 140 wells
Date:	Tuesday, July 16, 2019 2:03:22 AM

I greatly appreciate if the commissioners would not allow this extremely unsafe environmentally hazardous for a health and Sanity.

I hope that you can maintain the thrust of slowing down fracking oil industry is so entrenched in our government that is difficult but thank goodness for people like yourself to look after those who have no ability to with the resources comparison thank you again I will try to attend the meeting Tuesday the 16th of July sincerely Steven Reynolds Niwot
Sent from Yahoo Mail on Android

From:	Melissa Frank-Williams
To:	Boulder County Oil and Gas Comment
Subject:	I support of the temporary moratorium on fracking
Date:	Tuesday, July 16, 2019 3:54:25 AM

Hello- My name is Melissa Frank-Williams and I am a resident of unincorporated Boulder County at 9249 Rogers Road. I am writing in advance of the public hearing scheduled July 16 at 4pm to express my complete support of the temporary ban on fracking. I further support a permanent ban if and when.that becomes possible and any actions taken to impact state law on the part of the commissioners to this end.
Thank you.
Melissa Frank-Williams

Sent from my iPhone

From: stephanie@303architecture.com
To: Boulder County Board of Commissioners
Subject: Re: Fracking in Boulder County
Date: Tuesday, July 16, 2019 7:53:15 AM

Dear Commissioners,

I am writing to you to express my family's request for you not to allow fracking in Boulder County. Fracking is at unprecedented levels in Colorado as compared to other areas in the Country and many findings link fracking to the extremely unhealthy air and water quality in our area. On many days I look at the reports that show that our air quality in Boulder/ Denver area is equal to the unhealthy air in Bejing. It breaks my heart to know that the bad air quality has even infiltrated into the mountains, even Nederland is experiencing this other-wordly bad air quality reports. This is unimaginable as we live in a 'modern' society with environmental standards in place. Why are we allowing companies to do this to us?

I have two young daughters with asthma and for me it's unimaginable that they'd have to be kept inside as the outdoor air is unfit for them to play or recreate outside. Please work with me and my family to keep our active Colorado lifestyle and love of our beautiful environment by banning fracking in Boulder County.

Thank you for your time,

The Ridgway Family
Stephanie, Lauren (age 11), Avery (age 9) and Wyeth Ridgway

1517 7th St. Boulder, Colorado

Stephanie Clark Ridgway, AIA
Licensed Architect and Landscape Architect

303 Architecture, Inc.
1942 Broadway, Suite 314
Boulder, CO 80302
303-641-6708
stephanie@303architecture.com

From:	Kay Douglas
To:	Boulder County Oil and Gas Comment
Subject:	No fracking in Boulder County including Longmont, Niwot and towards Broomfield.,
Date:	Tuesday, July 16, 2019 7:57:38 AM

I can't believe, we the people must fight so long and usually unsuccessful battles too save our state. Then spend so much money on trying to improve our environment.
I thought Longmont had an agreement that all this would be done outside of Longmont drawing out of city underground.
I am against this.
Audrey Kay Douglas
635 Gooseberry Dr.
Longmont, CO

Sent from my iPhone

From:	Elizabeth Frick
To:	Boulder County Oil and Gas Comment
Subject:	I oppose fracking in Boulder County
Date:	Tuesday, July 16, 2019 10:52:06 AM

"Just because you can, doesn't mean you should."

Just because we **can** frack our country, doesn't mean we **should** allow fracking wells to release compounds into the air such as benzene, ethylbenzene, toluene, and n-hexane that are known to cause cancer and immediate and long-term health problems for neighbors and communities.
Just try to see the mountains on a high ozone day! Those ozone-alert days cause me untold trouble breathing (I never had a moment's trouble before moving here).

Why would you allow more of this behavior in Boulder County? Please vote no!

Thank you.

Elizabeth Frick
Longmont CO

Sent from Mail for Windows 10

From:	James Borgman
To:	Boulder County Oil and Gas Comment
Subject:	Stop Future Drilling
Date:	Tuesday, July 16, 2019 11:26:31 AM

Dear Commissioners,

Please add my voice to the many many others who oppose oil and gas drilling in Boulder County. My good friends who live in the Anthem CO development are watching rigs pop up all around their home and are searching their options to move away. They find themselves trapped — selling their house is becoming less and less tenable.

Please don't let this happen in Boulder.

Thank you for your strong opposition.

Jim Borgman
1601 Redwood Avenue
Boulder CO 80304

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1180] - [Name: O"Connor, Andrew] Re: Support Emergency Moratorium On Fracking
Date: Tuesday, July 16, 2019 1:25:21 PM

Name *	Andrew O'Connor
Email *	oconnorandrew@hotmail.com
Organization (optional)	Lafayette
Subject *	Support Emergency Moratorium On Fracking
Comments, Question or Feedback *	I support the emergency moratorium on fracking and believe that it should be extended indefinitely. Fracking is an existential threat to the health, safety and welfare of Boulder County residents. I am in favor of a ban on fracking in Boulder County for the same reasons. in Colorado oil and gas pays the lowest severance tax on fracking in the nation. Please sign my severance tax ballot initiative.
Attach a File (optional)	fracking_letter.doc 56.83 KB · DOC
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: #LandUsePlanner
Subject: Boulder County Contact Us/Feedback Form [#977]
Date: Tuesday, July 16, 2019 1:39:29 PM

Name *	Padma Wick
Email *	padmawick@me.com
Phone Number (optional)	(303) 808-7616
Select a Subject *	Land Use Planning

Comments or Feedback *

I beseech you and support you in doing everything you possibly can to protect the citizens and environment of Boulder County from the adverse effects of Oil and Gas.

The COGCCis directed by law to update regulations. All proceedings should be suspended until regulations are in place and until those regulations meet the new law entirely. The law has many flaws that still leave people and the environment at risk, and I urge you to listen to the legal advice that reminds you of your highest fiduciary and ethical duty
to protect the health and safety of the population and the public lands we have paid for over the years, to leave unharmed for generations to come.

Surely you know that the climate crisis is the great existential crisis of our time, and perhaps the time of all human life on earth. You have no higher calling, regardless of other restrictions, to protect that.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Lisa Barlow
To: Boulder County Oil and Gas Comment
Subject: Make Fracking Ban permanent in Boulder County please.
Date: Tuesday, July 16, 2019 2:41:23 PM

Dear County Commissioners,

I am a homeowner in Boulder County within the Heatherwood Subdivision near 75th and Lookout. As you know, the Heatherwood Subdivision is surrounded on three sides by open space and some undeveloped private land. This subdivision and adjacent county open space was targeted for drilling recently, but luckily the moratorium was established before the insidious strategy of acquiring drilling approval by diving homeowners in to pro-drilling or anti-drilling could tear apart our community and threaten our heath, well being, and resilience.

If I understand correctly, the reason for this hearing today is to vet citizen concerns about fracking-related health and air quality issues, and that a longer moratorium may be required to research health and air quality concerns. I strongly request that you consider the broader view of health and air quality as your research progresses.

I strongly urge you to include in your consideration: the health effects of the presence of drill sites, air, noise, water contamination, and fracking-related earthquakes for not only near-by home owners, but also for animals and ecosystems living nearby, and for recreational users of county open spaces.

For example, Boulder County Open Space has posted signs recently requesting comments on efforts to nurture ground- nesting birds in the Open Space around the corner from my home. Drilling, and the existence of post-drilling natural gas collection units or pipelines, flies in the face of established desires of Boulder County Open Space. Additionally, people use the prairie open space near me often times as a way to reconnect with nature. Drilling rigs are terribly disruptive to the mental health aspect of open space. If it is possible, I urge you to research the possibility of using Eminent Domain to acquire mineral rights to all county open space lands, and research the possibility of requiring that mineral rights be redistributed to homeowners at a state level. The priority of mineral right ownership over surface land ownership is outdated and needs to be revised.

In the larger picture, fracking rigs are documented emitters of methane, adding to anthropogenically-induced greenhouse warming, which is already causing myriad negative human health effects. Boulder has been a leader in proactive decisions to reduce our carbon footprint. Permitting natural gas drilling is a step backwards- I urge the committee to consider researching a quantification of the increased greenhouse counterbalance to the efforts of the City of Boulder and of Boulder County.

My concern for the longer term impacts of drilling also includes diversion of water within the county, which with the combination of hotter summers and increasing population, will be needed for people and agriculture, priorities Boulder County must plan for.

Finally, for the long term, this is not a NIMBY response. Human beings are incredibly innovative and creative, given the necessity. In making the decision to permanently ban fracking and other new

petroleum drilling within Boulder County, you will be making a hard decision which is the best for the future of this county.

Thank you for your time and attention,
Lisa Barlow,
7874 Greenbriar Circle
Boulder, CO 80301

From:	Lon Goldstein
To:	Boulder County Oil and Gas Comment; Boulder County Board of Commissioners
Subject:	In support of 9 month and complete ban on Fracking in BoCo
Date:	Tuesday, July 16, 2019 3:26:55 PM

I'd like to first thank you for the 9-month temporary ban on new oil and gas drilling permits for in the county. I also want to let you know that I fully support an actual full permanent ban on all oil and gas operations in the county.

It makes total sense for any temporary ban to be in place for \ at least nine months and there is an abundant rationale for extending that until such time as the COGCC completes its rule-making on SB 19-181. This is not expected to be complete until at least the end of 2020.

Meanwhile, Boulder County should also absolutely implement a permanent ban on all new oil and gas drilling. The scientific evidence of the negative health impacts of oil and gas operations, especially the current hydraulic fracturing techniques are increasingly well documented, notably by such organizations as the Physicians for Social Responsibility. This industry's operations are the source of increased ozone formation, carcinogenic type emissions (such as benzene, toluene, others), and significant methane releases. With evidence of these dangerous environmental and health impacts, not to mention climate change contributions there is abundant evidence to support the county to take actions under the provisions of SB181 to protect our citizens' health and safety through a complete ban.

I hope you will take such strong action in the short and long term to protect our County's residents, our wildlife and the environment, as well is in support of public and environmental health and safety.

Lon Goldstein
Heatherwood
Boulder County, CO

From:	Jasmine Schrader
To:	Boulder County Oil and Gas Comment
Subject:	Fracking Ban!
Date:	Tuesday, July 16, 2019 8:20:19 PM

Hello. My husband and I have grown up in Boulder County and currently live in Louisville. The fracking activity we have in our state is terrifying to say the least. Although we love calling this area home, we have recently considered moving out of the state due to concerns we have around fracking and the health of our children. Please, please, please ensure that the moratorium stays in place and start working to create an all out ban against fracking. Our children deserve that!!

Sincerely,

Jasmine and Justin Schrader

From: Amanda Harper <harperdeltufo@gmail.com>
Date: July 16, 2019 at 9:00:54 PM MDT
To: Elise <ejones@bouldercounty.org>, Deb <dgardner@bouldercounty.org>, <mjones@bouldercounty.org>
Subject: Submission for Website: Statement partially read today at the Meeting

Copy of Boulder County Commissioners

Hello and thank you for setting up the Public Comment Session. There are so many brilliant eloquent people who live in Boulder County - who care deeply about where they live including the planet itself.

Please add my comment to the website.]

Thank you,

Amanda Harper

Thank you commissioners for putting up the only kind of boundary that the Industry is capable of understanding and responding honestly to: Direct, Immediate, Complete. The moratorium protects the lives of tens of thousands of people living in Eastern Boulder County and Western Weld County from a major environmental, industrial, health and lifestyle disaster.

I have been paying attention to the dance between you and the oil and gas industry since the last moratorium ended, and it is clear to me that the Industry is incapable of doing any kind of meaningful 2-way negotiations with Boulder County or the State of Colorado.

They are rogue, their mandate requires the maximum amount of oil and gas pulled out of the ground thus meaningful regulation is impossible because they are incapable of reason if the other's ideas go against their mandate. Also, they are unable to truly understand and respect another's point of view and exercise their sense of power and hubris over everyone who tries to negotiate with them. They have proven time and time again they are incapable of changing their position to enact any corresponding empathy for others - Remember the 147 well lesson. A mega-major Industrial site, something moving towards a Commerce City nightmare, in a place that the people living there don't want. The suffering that would inflict on the people living in this area is beyond comprehension and goes way into the future, beyond our lifetimes. Not only would they knowingly be creating this magnitude of suffering and are willing to do it, they are fighting to be allowed to do it. That should tell you everything about their moral capacity and character.

The basic psychological situation: The Oil and Gas Industry: wants what they want and they want it now and are willing to do ANYTHING to get it. Any boundary put around those three axioms and they act out, behave irrationally and desperately and continue to voraciously go after what they consider their right. It is a righteous fight for them.

From a human development perspective this is right about at the 3 year old level. However, if you are a group of adults, and you aren't capable of understanding that others exist and care about them, and know how to work with other people with empathy and truth for all parties, on a platform based on 100% equal power structures, and you are willing to knowingly inflict massive suffering on others, this is called sociopathic behavior.

I know this is true from direct experience with them, repeatedly, ad nauseum for the last 5 years.

I live ½ mile east into Weld County at the Boulder County border and have taken at least 20 different tacks to get them to budge, to see the people's point of view, spending 1,000's of hours fighting, to preserve my bucolic, country way of life and the health and safety of my family and neighbors.

THE ONLY ACTION that stopped them in their major Industrial tracks was when I stood in front of their trucks. I have done this 3 times since August 2018. The Daily Camera wouldn't cover it.

At those moments, and only in those moments, they stopped and noticed that something wasn't going their way. They lost it, which was gratifying for me because they exposed their true faces, intellectual capacities, immaturity and compassionless point of view. Finally I wasn't being bombarded with PR and wasn't being ignored. I repeatedly entered descriptive details into the COGCC complaint website, about the Industry's behavior, and it seems that their parent, the COGCC, who isn't able to put up any meaningful boundaries and seemed to feel sorry for them! For them!!! Poor Oil and gas Industry!

So after my 3 direct actions they lied to me, manipulated me, threatened me, intimidated me. A lone singular woman being bullied by a multibillion dollar industry. And the Daily Camera wouldn't cover it. Their response was immediate and desperate. Many events happened but the most stand out events were these: The 3rd time, the Industry colluded with the Weld County Sheriff who pounded at my door threatening me with arrest and jail for standing on my own property to protect myself, my family and my neighborhood from their Industrial traffic even though they were trespassing, illegally crossing my property. Another telling effort: they hired a lawyer to write a bogus and bizarre Cease and Desist letter after the first event.

Standing in front of their trucks was a complete halting of their monstrous march to continue walking all over me and my neighbors while destroying our ½ mile driveway, our way of life, our health safety and welfare even though there were other options for them available. They need to be forcibly stopped, they know no other way, they never voluntarily yield to the truths of others. It's not in their mandate.

Words of Caution:

BTW NEVER let them convince you that they even remotely understand those 3 terms for the public - HEALTH SAFETY AND WELFARE have been co-opted and they have turned those terms into a pile of dust as they have ZERO intention of every caring about the health safety and welfare of any one in Boulder county except the mineral owners.

And please remember that what happens in Western Weld County 1 mile from the County Line east directly ruins the Eastern Border of Boulder County. Without a moratorium you will eventually be manipulated into regulating yourselves into the ruination of this beautiful area. Their needs to be a major statewide effort to stop these sociopaths in their tracks. If you don't think we are in a war, please think again.

A Moratorium is the only way to prevent utter destruction of Boulder County, you should be able to see this. They showed their true faces with the CDP and their aggressive, speedy manipulations to get that monstrous, sociopathic Industrial site wherever they could get away with it. These kinds of battle will be endless into the future even with your regulations, even with SB181. If you ever allow the Oil and Gas Industry into to Boulder County, even one little iota, one little well, the burden of this fight and the ensuing losses will be borne by the very residents now and into the near and distant future for whom you are meant to be protecting. You are in a

position of power in a pivotal moment in history, please choose the right side of history. Please don't condemn the residents of Eastern Boulder County and Western Weld County to the kind of life consuming fight I and others who live near me have been subjected to for the last 10 years. Keep the moratorium, again and again and again…….

Thank you for you time. Thank you for your courage, empathy and patience. These are your greatest strengths.

From:	n hall
To:	Boulder County Oil and Gas Comment
Subject:	Multi-pronged approach
Date:	Wednesday, July 17, 2019 6:56:32 AM

Given the big job ahead and the limited staff we have for all this work, I worry about some prongs of the approach going to the back burner. Sb181 left a lot undo. To truly protect us, underground, transparancy and air issues need to be addressed (among orher things). The next state assembly needs to be lobbied.

I, for one, would gladly pay more in taxes to have adequate staff for this. To this end, I suggest a ballot referendum to raise $.

Nancy Hall
Sheramdi St., unincorporated Bo Co

From: marisa.lubeck@everyactioncustom.com on behalf of Marisa Lubeck
To: Boulder County Oil and Gas Comment
Subject: Thank you for your climate leadership and work to protect Boulder County from fracking
Date: Wednesday, July 17, 2019 5:44:07 PM

Dear Boulder County Representatives,

Thank you for enacting a moratorium on accepting and processing of new oil and gas development applications and seismic testing in unincorporated Boulder County. As a concerned resident of Boulder County, I ask that you continue your climate leadership and protection of residents' health and safety by enacting a ban on fracking in unincorporated Boulder County.

Boulder County is uniquely positioned to serve as a leader on climate change issues. As you are aware, Boulder County and the City of Boulder joined with San Miguel County in suing Exxon Mobil and Suncor for damages caused by climate change. It would be fundamentally inconsistent for Boulder County to bring groundbreaking legal action against fossil fuel companies, and then to allow fracking to occur, when it is known that we cannot continue to expand fossil fuel extraction and have a chance of keeping global temperature rise below 1.5°C. The IPCC's 2018 report calls for a rapid transition off all fossil fuels, largely in the next 12 years, and The Sky's Limit report released by Oil Change International in 2016 underlined this point. (http://priceofoil.org/content/uploads/2016/09/OCI_the_skys_limit_2016_FINAL_2.pdf)

Physicians for Social Responsibility has called for a ban on fracking, concluding that "There is no evidence that fracking can operate without threatening public health directly and without imperiling climate stability upon which public health depends." We must stop oil and gas development from worsening our air quality and exposing residents to radioactive and volatile organic compounds from fracking that are associated with increased risk of cancer, neurological, respiratory, endocrine and cardiovascular damage, and other associated increased health and safety risks. ("Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking", https://www.psr.org/blog/2019/06/19/new-analysis-of-fracking-science-finds-serious-harms-to-public-health-environment-and-climate/)

The Front Range is already considered a "non-attainment area" under the US EPA's limits for ozone pollution, and Boulder County has air quality rated an "F" by the American Lung Association. The work of INSTAAR's Dr. Detlev Helmig, based on air quality monitoring at the Boulder Reservoir, funded in part by Boulder County, has concluded that Boulder County's air quality is already adversely affected by oil and gas drilling in Weld County (reported in Boulder Weekly, February 2019, https://www.boulderweekly.com/news/as-state-dems-prepare-legislation-data-shows-oil-and-gas-emissions-significantly-affect-boulder-countys-air-quality/) . Analysis based on Crestone's CDP performed by air quality engineer Maureen Barrett of Barrett Engineering found that Crestone's planned operations would lead to levels of NO2 and benzene exceeding health standards in areas along Highway 52. We cannot allow fracking to take place in Boulder County, and make these forecasts a reality for years to come.

SB 19-181 gives counties and municipalities land-use and zoning authority over fracking operations, and the authority to prioritize public health and safety in evaluating applications for permits. Given the serious threats that fracking in Boulder County would pose to public health and safety, our air and water quality, and to the climate, the clear and only responsible choice is to ban fracking entirely.

Thank you,

Sincerely,
Ms. Marisa Lubeck
Boulder, CO 80302
marisa.lubeck@gmail.com

From: Quilt Fairy
To: Boulder County Board of Commissioners
Subject: Fracking in Boulder County
Date: Wednesday, July 17, 2019 11:55:12 PM

Dear Boulder Commissioners,

I am writing as a mother and a business owner/employer to ask you to reject the greed of the oil and gas industry, and permanently ban fracking in Boulder County. If you don't, it will only show that you are in the pocket of the extractive industry.

10 years ago my parents became sick after an oil drill was put in my parents' back yard in Ft. Lupton. My stepdad had strokes and then dementia and a swift decline after the well went in just behind their home. My mother's health also declined and she was diagnosed as psychotic but after I moved her out to my home in Boulder, her 'psychosis' magically disappeared.

My employees who live east of I-25 in the Dacono/Frederick area say they have 1-2 of their neighbors dying of sudden cancer or mysterious rare illnesses since all the fracking went in all around their neighborhoods.

I have met people who live east of I-25 who say if they put anti-fracking signs in their yard or on their car, they are vandalized. They have also told me that all the oil workers are told to show up for these meetings en masse to "support" fracking, or they will lose their jobs. They have to sign waivers that say if they get sick on the job, they will not sue the company. My friend's 36 year old son in the oil industry is dying of cancer.

Why is this even an issue? Human health should always be prioritized over 'jobs' and oil/gas profits. The fracked gas is polluting our air, making kids sick with asthma, and for what? It is being exported outside of our country.

Please listen to the citizens of our Boulder County and take action to protect our health, and our future.

Thank you,
Luana Rubin

from Luana Rubin
equiltfairy@gmail.com

From: Harv Teitelbaum
Subject: Just published fracking study from Colorado School of Public Health's Mckenzie et al.
Date: Thursday, July 18, 2019 1:22:43 PM

Just published study from Colorado School of Public Health's Mckenzie et al.

Congenital heart defects and intensity of oil and gas well site activities in early pregnancy Lisa M. McKenzie, William Allshouse, Stephen Daniels

https://www.sciencedirect.com/science/article/pii/S0160412019315429

Highlights

- Higher pulmonary artery and valve defect prevalence in oil and gas activity area
- Congenital heart defect prevalence highest in rural areas with oil and gas activity
- Higher aortic artery and valve defect prevalence in rural oil and gas activity area
- Higher conotruncal defect prevalence in rural oil and gas activity area
- Higher tricuspid valve defect prevalence in rural oil and gas activity area

Harv Teitelbaum
Lead, Beyond Oil and Gas Campaign
Sierra Club, Colorado Chapter
Evergreen, CO
303-877-1870

From:	Liz Wiig | Where There Be Dragons
To:	Boulder County Oil and Gas Comment
Subject:	Keep Moratorium
Date:	Thursday, July 18, 2019 3:35:12 PM

Hello,

I would like to voice my support to keep a moratorium on all new permits and seismic testing. I am absolutely in opposition to any fracking endeavors in Boulder County.

Thank you,
Liz Wiig

LIZ WIIG, Partnerships Coordinator

WHERE THERE BE DRAGONS

—

ADDRESS: 741 Pearl Street | Boulder | CO | 80302

PHONE: 303.413.0822 | 800.982.9203

MORE: Website | Blog | 2019 Partnerships Brochure

—

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Unsubscribe

From:	Michael Sweeney
To:	Boulder County Board of Commissioners
Date:	Tuesday, July 23, 2019 10:30:07 AM
Attachments:	Screen Shot 2019-07-23 at 9.47.51 AM.png haley.xlsx

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Dear Commissioners -
Thanks for your work on work on the O&G moratorium.
Attached are readings are from DWR domestic well samples (downloaded from http://water.state.co.us/DataMaps/Pages/default.aspx) taken approximately 400 m SE of the Tree Farm Nursery in the vicinity of the Haley lease.
Mike Sweeney
cogswatch.org

From:	Tricia Olson
To:	Boulder County Oil and Gas Comment; Elise Jones; Deb Gardner; Matt Jones; Sanchez, Kimberly
Subject:	Olson comments regarding Article 12 - Vol 1
Date:	Tuesday, August 06, 2019 3:30:59 AM
Attachments:	Olson-Sb19-181-Article12-190805.docx

Dear Commissioners and Boulder County staff,

Attached are my comments and suggestions for Article 12 of the Boulder County Land Use Code.

I apologize for the length of these comments. This is almost a book, with an index at the end. It's not easy reading, but I hope these are helpful in some way.

Thank you again for the 9 month moratorium.

As always, wishing you and our county well,

Tricia Olson
7746 Park Pl
Boulder, CO 80301

From: Carol Coburn
To: Boulder County Board of Commissioners
Subject: renewable energy?
Date: Tuesday, August 06, 2019 9:14:32 AM

could you share this with our commissioners and those working on the moratorium….hopefully there will be information for better understanding…and realization that some of our roads might find funds for repair with oil and gas revenue…

If You Want 'Renewable Energy,' Get Ready to Dig

Building one wind turbine requires 900 tons of steel, 2,500 tons of concrete and 45 tons of plastic.

By Mark P. Mills
Aug. 5, 2019 6:48 pm ET

Wind turbines in Palm Springs, Calif., July 13, 2017. PHOTO: PAUL BUCK/EUROPEAN PRESSPHOTO AGENCY

Democrats dream of powering society entirely with wind and solar farms combined with massive batteries. Realizing this dream would require the biggest expansion in mining the world has seen and would produce huge quantities of waste.

"Renewable energy" is a misnomer. Wind and solar machines and batteries are built from nonrenewable materials. And they wear out. Old equipment must be decommissioned, generating millions of tons of waste. The International Renewable Energy Agency calculates that solar goals for 2050 consistent with the Paris Accords will result in old-panel disposal constituting more than double the tonnage of all today's global plastic waste. Consider some other sobering numbers:

A single electric-car battery weighs about 1,000 pounds. Fabricating one requires digging up, moving

and processing more than 500,000 pounds of raw materials somewhere on the planet. The alternative? Use gasoline and extract one-tenth as much total tonnage to deliver the same number of vehicle-miles over the battery's seven-year life.

When electricity comes from wind or solar machines, every unit of energy produced, or mile traveled, requires far more materials and land than fossil fuels. That physical reality is literally visible: A wind or solar farm stretching to the horizon can be replaced by a handful of gas-fired turbines, each no bigger than a tractor-trailer.

Building one wind turbine requires 900 tons of steel, 2,500 tons of concrete and 45 tons of nonrecyclable plastic. Solar power requires even more cement, steel and glass—not to mention other metals. Global silver and indium mining will jump 250% and 1,200% respectively over the next couple of decades to provide the materials necessary to build the number of solar panels, the International Energy Agency forecasts. World demand for rare-earth elements—which aren't rare but are rarely mined in America—will rise 300% to 1,000% by 2050 to meet the Paris green goals. If electric vehicles replace conventional cars, demand for cobalt and lithium, will rise more than 20-fold. That doesn't count batteries to back up wind and solar grids.

Last year a Dutch government-sponsored study concluded that the Netherlands' green ambitions alone would consume a major share of global minerals. "Exponential growth in [global] renewable energy production capacity is not possible with present-day technologies and annual metal production," it concluded.

The demand for minerals likely won't be met by mines in Europe or the U.S. Instead, much of the mining will take place in nations with oppressive labor practices. The Democratic Republic of the Congo produces 70% of the world's raw cobalt, and China controls 90% of cobalt refining. The Sydney-based Institute for a Sustainable Future cautions that a global "gold" rush for minerals could take miners into "some remote wilderness areas [that] have maintained high biodiversity because they haven't yet been disturbed."

What's more, mining and fabrication require the consumption of hydrocarbons. Building enough wind turbines to supply half the world's electricity would require nearly two billion tons of coal to produce the concrete and steel, along with two billion barrels of oil to make the composite blades. More than 90% of the world's solar panels are built in Asia on coal-heavy electric grids.

Engineers joke about discovering "unobtanium," a magical energy-producing element that appears out of nowhere, requires no land, weighs nothing, and emits nothing. Absent the realization of that impossible dream, hydrocarbons remain a far better alternative than today's green dreams.

Mr. Mills is a senior fellow at the Manhattan Institute and a partner in Cottonwood Venture Partners, an energy-tech venture fund, and author of the recent report, "The 'New Energy Economy': An Exercise in Magical Thinking."

Appeared in the August 6, 2019, print edition.

From: BRANDT JANET BOEKE
To: Sanchez, Kimberly
Subject: Three questions about oil and gas drilling
Date: Tuesday, August 06, 2019 1:05:55 PM

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1) How do I leave a complaint that will be part of the Boulder County and/or State of Colorado public record about my experiences attempting with complete futility to get ANY information from Anadarko Petroleum?
2) How can I know anything about Benzene monitoring, as I live in unincorporated Boulder County, but 200 yards from a brand new Weld County Anadarko drill site?
3) Is there anyone at the state level that I can/should contact about these matters?

Anadarko and Weld County are utterly uncontactable ("please leave a message"), do not return calls, and unresponsive, and want me to go away. I am determined not to do so.

Thank you for any helpful suggestions you can offer. I also left a message for Bonnie somebody at Boulder County about the Benzene issue.

Dr. Brandt Boeke
7509 E. County Line Road
Longmont, CO 80504
303 748-8063
jbboeke@msn.com

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1194] - [Name: Arnold, Edward] Re: Boulder Reservoir air quality monitoring station
Date: Monday, August 19, 2019 4:08:53 PM

Name *	Edward Arnold
Email *	era@pobox.com
Address or General Area (optional)	225 Linden Dr Boulder, CO 80304 United States
Phone Number (optional)	(720) 539-4083
Subject *	Boulder Reservoir air quality monitoring station
Comments, Question or Feedback *	Dear Boulder County Commissioners: I was unaware of the extent to which residents of Boulder County are the subjects of an unwanted medical experiment, until I attended a meeting of LOGIC this past Sunday. I learned from Detlev Helmig that Boulder County has been supportive of the air quality monitoring station at Boulder Reservoir. THANK YOU! This is important work, and given the inability of the State to prevent the airborne assault on our bodies by the oil and gas industry, it is imperative that you continue to support this work.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1202] - [Name: Levy, Mike] Re: Fracking & Drilling
Date: Friday, August 30, 2019 12:25:04 PM

Name *	Mike Levy
Email *	michaeledlevy@aol.com
Subject *	Fracking & Drilling
Comments, Question or Feedback *	I am a Longmont resident and support your efforts to minimize the drilling in Boulder Co. Thank you
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: clreneau@skybeam.com
To: Boulder County Oil and Gas Comment
Subject: Oil and gas reg
Date: Friday, August 30, 2019 12:54:50 PM

Keep up the fight Boulder County.

From:	Patty Sunfield
To:	Boulder County Oil and Gas Comment
Subject:	Oil and gas in Boulder County
Date:	Friday, August 30, 2019 4:14:27 PM

Please stop all fracking and new permits !!
All of it is money led and dangerous to the community.
Boulder Native
Pat Sunfield, LAC,LPC

Sent from my Verizon 4G LTE Droid

From:	Cosima Krueger-Cunningham
To:	Boulder County Oil and Gas Comment
Subject:	Anti-fracking agenda
Date:	Saturday, August 31, 2019 4:32:34 AM

Dear Commissioners,

Thank you for your helpful clarification regarding the County's ongoing efforts to deal with the fracking onslaught.

You may already have seen Phil Doe's status report on the promises and pitfalls of SB19-181 and on the slim likelihood of its full implementation via rule-making happening anytime soon. If not, here's the link to it: https://fromthestyx.wordpress.com/2019/08/30/the-bad-news-about-sb-181/?fbclid=IwAR1-9rM9YP0klz4B0flgZZJJmvU9XGzvAoUUOs8bXizEoq0EBis0NngwMUg

Among many other important issues, such as Colorado's severance tax disaster, Phil raises the question of whether the current foot-dragging around the rule-making (non) schedule could have been dealt with legislatively as a part of SB19-181 or whether there are any possible legislative prods or fixes that can be passed to get it back on track in the 2020 legislative session.

In any case, Phil has laid out what amounts to a clear agenda for local governments and anti-fracking groups.

With thanks for your much-appreciated ongoing efforts to stop fracking in Boulder County,

Cosima

Cosima Krueger-Cunningham
cardamomseed@aol.com
303-448-0832

From:	Penny Davis
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Monday, September 02, 2019 12:49:08 PM

Honorable Boulder County Commissioners - Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

- **Protect our Open Space from oil and gas development.** The people vote to buy open space with the clear mandate to protect that land from all future development.
- **Setbacks.** Remember that in 2018 Boulder County voters overwhelmingly favored Proposition 112 in favor of 2,500 foot setbacks.
- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB19-181. We appreciate your hard work on this issue.

Thank you,

Penny & Stephen Davis & Family

From:	Stephen Reynolds
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Monday, September 02, 2019 1:19:31 PM

Honorable Boulder County Commissioners - Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

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- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB19-181. I appreciate your hard work on this issue.

Thank you,

Stephen Reynolds P.E.

Sent from Yahoo Mail on Android

From: Lise Murphy
To: Boulder County Oil and Gas Comment
Date: Monday, September 02, 2019 1:39:23 PM

The existing Boulder County oil and gas regulations were written prior to the passage of SB19-181, the new state law that allows for local control of oil and gas operations. Under the old paradigm, counties in Colorado did not have the authority to deny drilling permits. Thus, the existing County rules are written from that perspective - They specify conditions for submittal, review and conditional approval of applications, but they lack criteria for application denial. Further, the existing rules lack fines, bonds and sufficient insurance to ensure that oil and gas operators do not leave taxpayers with financial burdens following accidents and/or well abandonment.

The new Boulder County regulations must demonstrate the full promise and potential of SB19-181. If we do not do this in Boulder County, who will do it? Our oil and gas rules must be as strong as possible, in order to protect our communities, open space and wildlife from the known (and yet unknown) adverse impacts of oil and gas operations. Please note: The Lookout Alliance supports a legally defensible and permanent end to oil and gas development in Boulder County, and ultimately supports a just transition away from fossil fuels in all of Colorado. However, while we move toward that goal, it is important to create the strongest possible oil and gas rules to protect the County we love.

- **Protect Open Space -** Oil and gas operations should not be allowed on public open space. The residents of Boulder County, the City of Boulder, and other local jurisdictions, have invested hundreds of millions of dollars in open space. These land purchases and conservation easements were enacted to protect natural habitats, preserve agricultural areas, provide opportunities for passive recreation, and to maintain the rural character of the unincorporated County. Industrial activities, such as oil and gas development, are entirely incompatible with these goals, and are inappropriate on public open space.

- **Setbacks -** The new County regulations should include safe setbacks for all oil and gas operations. Reasonable setbacks include: 2500 feet from occupied buildings and vulnerable areas (such as lakes and rivers), and 1500 feet from other significant natural resources (such as wetlands, riparian areas, nesting bald eagles, rare plant populations, etc.). In 2018, the residents of Boulder County voted overwhelmingly (77%) in favor of Proposition 112, the Colorado ballot initiative to create 2500 foot setbacks from occupied structures state-wide. Although the state level initiative did not pass, under

SB19-181 there is nothing preventing the County from enforcing such setbacks within its jurisdiction. Safe setbacks are clearly justified by science, and supported by Boulder County residents.

- **Keep Operators Responsible for Costs** - The costs of oil and gas operations should not fall to the taxpayers of Boulder County. All operators should be required to pay fees and post bonds that are sufficient to cover the true costs of accidents, spills, and eventual well abandonment. A recent analysis suggested that a minimum of $250,000 per well is a conservative estimate of the cost of well closure.

- **Make Good Air Quality a Priority** - New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents. The Northern Colorado urban corridor - which includes Boulder County - is slated to be downgraded from “medium” to “serious” non-attainment for EPA ozone standards, meaning that residents are faced with adverse impacts such as aggravated asthma and early deaths from respiratory disease. According to a recent reportby researchers at NCAR, oil and gas operations in the Front Range account for 30-40% of total local ozone production on days when ozone exceeds the EPA health standard, while vehicle emissions contribute a comparable amount. Boulder County residents have been doing our part to reduce vehicle contributions to ozone (e.g., emissions testing, investing in public transportation, using alternative transportation, etc.), but the oil and gas industry needs to reduce their enormous share of emissions. We cannot allow expanded oil and gas development to further harm the air quality and health of Boulder County residents.

Please do the right thing.

From:	Gretel Follingstad
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Monday, September 02, 2019 2:12:00 PM

Honorable Boulder County Commissioners -
Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

- **Protect our Open Space from oil and gas development.** The people vote to buy open space with the clear mandate to protect that land from all future development.
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- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB19-181. We appreciate your hard work on this issue.

Thank you,

Gretel Follingstad
PhD Candidate: Resilience Planning
UC Denver: College of Architecture & Planning
www.terra-planning.com
gretelfollingstad@me.com

From:	Kathryn Varga
To:	Boulder County Oil and Gas Comment
Subject:	We Need Strong Oil and Gas Regulations
Date:	Monday, September 02, 2019 2:32:52 PM

Honorable Boulder County Commissioners - Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

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- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB19-181. We appreciate your hard work on this issue.

Thank you,
Kathryn Varga

From:	Melanie
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Monday, September 02, 2019 7:40:11 PM

Honorable Boulder County Commissioners - Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

- **Protect our Open Space from oil and gas development.** The people vote to buy open space with the clear mandate to protect that land from all future development.
- **Setbacks.** Remember that in 2018 Boulder County voters overwhelmingly favored Proposition 112 in favor of 2,500 foot setbacks.
- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB19-181. We appreciate your hard work on this issue.

Thank you,

Melanie Whitehead

--

"Let the beauty we love be what we do. There are hundreds of ways to kneel and kiss the ground." — Jalaluddin Mevlana Rumi - مولوی

From:	Kimberley Rivero
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Monday, September 02, 2019 8:27:35 PM

Honorable Boulder County Commissioners - Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County.

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Please incorporate the following into the Article 12 revisions:

Protect our Open Space from oil and gas development. The people vote to buy open space with the clear mandate to protect that land from all future development.

Setbacks. Remember that in 2018 Boulder County voters overwhelmingly favored Proposition 112 in favor of 2,500 foot setbacks.

Keep Operators Responsible for Costs. The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.

Make Good Air Quality a Priority. New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB19-181.

We appreciate your hard work on this issue.

Thank you,
Kim

From:	Orin Hargraves
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Tuesday, September 03, 2019 6:34:31 AM

Dear Commissioners :

The new revisions to Article 12 should be as strong as possible and should use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

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- **Setbacks.** Remember that in 2018 Boulder County voters overwhelmingly favored Proposition 112 in favor of 2,500 foot setbacks.
- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB19-181. It's why we elected you, so please do your job in protecting the great quality of life in Boulder County.

Thank you,

Orin Hargraves

Niwot

From:	Ryan Portrey
To:	Boulder County Oil and Gas Comment
Subject:	Article 12 amendments
Date:	Tuesday, September 03, 2019 8:45:53 AM

Boulder County Commissioners

As a resident of Boulder County, many of us are aware of the Article 12 amendment work that is currently ongoing.

You have asked us for ideas to re-write or clarify sections of the current Article in a collaborative effort to protect us. Much of this has been prompted by CO SB-181 being signed in to law as we all know.

I have reviewed the 24pg document thoroughly, and my only feedback is.

Ban Fracking, and any oil & gas extraction/exploration activity in Boulder County.

There is no need to have a review or dialog regarding this article. We will not be controlled by the corruption of the COGCC and expect our elected county commissioners to ban oil & gas operations under the power granted to you by the constituents.

Exhaustive amounts of research regarding health and environmental damage due to these operations have already been presented to you on countless occasions. There is no need to further bring up these points again.

Furthermore, since you all believe there is a climate crisis which needs bold action immediately, then you would enact a ban for Boulder County regardless of previous state supreme court rulings.

We are moving away from fossil fuel as the energy source for the world, as the science is already clear that our climate is being destroyed by extraction and burning based on human activity.

You can write any language you like in to Article 12, we will not allow oil & gas extraction in Boulder County as the residents and owners of this land.

From:	Nims, Josh
To:	Boulder County Oil and Gas Comment
Subject:	O&G in Boulder County
Date:	Tuesday, September 03, 2019 9:30:38 AM

Thanks for your efforts to protect the County in regards to oil and gas development.

Josh Nims

From:	Patrick Fowler
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12 - County Regs for Oil and Gas
Date:	Tuesday, September 03, 2019 9:31:59 AM

Honorable Boulder County Commissioners,

Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

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- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB19-181. We appreciate your hard work on this issue.

Thank you,

Patrick Fowler
7835 Greenbriar Circle
Boulder, CO 80301
704-490-0518
paddyofowler@gmail.com

From:	Jasmin Cori
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Wednesday, September 04, 2019 10:43:34 AM

It's time to take into account SB19-181 and be more active in protecting Boulder County. I hate to be a copycat, but I can't say it more clearly than this:

- **Protect Open Space** - Oil and gas operations should not be allowed on public open space. The residents of Boulder County, the City of Boulder, and other local jurisdictions, have invested hundreds of millions of dollars in open space. These land purchases and conservation easements were enacted to protect natural habitats, preserve agricultural areas, provide opportunities for passive recreation, and to maintain the rural character of the unincorporated County. Industrial activities, such as oil and gas development, are entirely incompatible with these goals, and are inappropriate on public open space.

- **Setbacks** - The new County regulations should include safe setbacks for all oil and gas operations. Reasonable setbacks include: 2500 feet from occupied buildings and vulnerable areas (such as lakes and rivers), and 1500 feet from other significant natural resources (such as wetlands, riparian areas, nesting bald eagles, rare plant populations, etc.). In 2018, the residents of Boulder County voted overwhelmingly (77%) in favor of Proposition 112, the Colorado ballot initiative to create 2500 foot setbacks from occupied structures state-wide. Although the state level initiative did not pass, under SB19-181 there is nothing preventing the County from enforcing such setbacks within its jurisdiction. Safe setbacks are clearly justified by science, and supported by Boulder County residents.

- **Keep Operators Responsible for Costs** - The costs of oil and gas operations should not fall to the taxpayers of Boulder County. All operators should be required to pay fees and post bonds that are sufficient to cover the true costs of accidents, spills, and eventual well abandonment. A recent analysis suggested that a minimum of $250,000 per well is a conservative estimate of the cost of well closure.

- **Make Good Air Quality a Priority** - New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents. The Northern Colorado urban corridor - which includes Boulder County - is slated to be downgraded from “medium” to “serious” non-attainment for EPA ozone standards, meaning that residents are faced with adverse impacts such as aggravated asthma and early deaths from respiratory disease. According to a recent report by researchers at NCAR, oil and gas operations in the Front Range account for 30-40% of total local ozone production on days when ozone exceeds the EPA health standard, while vehicle emissions contribute a comparable amount. Boulder County residents have been doing our part to reduce vehicle contributions to ozone (e.g., emissions testing, investing in public transportation, using alternative

transportation, etc.), but the oil and gas industry needs to reduce their enormous share of emissions. We cannot allow expanded oil and gas development to further harm the air quality and health of Boulder County residents.

In addition, more safeguards help protect water, property values, not encroach on basic homeowners rights, and protect the climate.

Please write the strongest regulations possible.
Thank you.
Jasmin Cori
4945 Twin Lakes Rd, Apt 44
Boulder, CO 80301

From:	Lisa Taylor Strauss
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Wednesday, September 04, 2019 6:11:25 PM

Dear Boulder County Commissonors,

Please, please, please protect Boulder County from the oil and gas industry. I live in Heatherwood and we are already seeing the impact of what is happening in Weld County. My husband has asthma and is unable to be outside due to air quality.

Also, Boulder has invested so much time, effort, money and love into our open spaces. We need to protect our open spaces from fracking.

Finally, I am incredibly concerned about the water used in the fracking process. We live in a high plains desert and water is a valuable commodity. Millions and millions of gallons of water are used in the fracking process and are unable to be reclaimed for use in other areas due to the chemical cocktails used. This seems incredibly shortsighted!

I beg you. Please fight for our land, our water, and our air quality.

Thank you for you time,

Mary (Lisa) Taylor Strauss

Virus-free. www.avast.com

From:	Suzanne De Lucia
To:	Boulder County Oil and Gas Comment
Subject:	So Many Ozone Alert Days This Year - Please Stop Oil and Gas Development
Date:	Thursday, September 05, 2019 11:37:53 AM

Honorable Boulder County Commissioners,
Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

- **Protect our Open Space from oil and gas development.** The people vote to buy open space with the clear mandate to protect that land from all future development.
- **Setbacks.** Remember that in 2018 Boulder County voters overwhelmingly favored Proposition 112 in favor of 2,500 foot setbacks.
- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB19-181. We appreciate your hard work on this issue.

Thank you,

Suzanne De Lucia

--

Suzanne M. De Lucia, CBI
Fellow Of The IBBA
President
Front Range Business, Inc.
5353 Manhattan Circle, Suite 101
Boulder, CO 80303
Office: 303-499-6008

Fax: 1-888-521-8219
sdelucia@frontrangebusiness.com
www.frontrangebusiness.com

From:	Gabrielle Katz Heatherwood
To:	Boulder County Oil and Gas Comment
Subject:	Article 12 Comments: Wildlife
Date:	Friday, September 06, 2019 7:57:37 AM
Attachments:	Katz Article 12 Suggestions -- Wildlife.pdf

Dear Boulder County Commissioners and staff,

Attached please find a set of recommendations I have developed, in collaboration with Dana Bove, regarding improved wildlife and natural resource protections under revisions to Article 12. We see great potential for improving our wildlife and habitat protections given the expanded local authority under SB19-181, and the greater emphasis on wildlife and the environment in that law. We appreciate the opportunity to provide this input, and hope that you take it seriously. Please do not hesitate to contact me with any questions.

Thank you,
Gabrielle Katz
The Lookout Alliance, Boulder County

Recommended Changes and Additions to Boulder County
Article 12: Special Review for Oil and Gas Operations – Natural Resources and Wildlife

Submitted by:
Gabrielle Katz, The Lookout Alliance
Dana Bove, Front Range Nesting Bald Eagle Studies
September 6, 2019

Purpose of our comments: Thank you very much for the opportunity to provide ideas and input on Boulder County's revisions to Article 12. We hope these rules will be substantially revised in order to better protect our communities, environment, and wildlife from the adverse impacts of oil and gas development. There are numerous components of these regulations. Here, we have limited our comments to changes that will better consider and protect Boulder County's natural resources, particularly habitats, plants, and wildlife. Our comments follow the existing format of Article 12.

12-500 Application Submittal Requirements

In this section, we suggest altering all procedures, required plans and language that aim for "mitigation." Instead, we urge the County to use procedures, required plans, and language that require "avoidance" and/or "prevention" and/or "elimination" of all adverse impacts of the proposed oil and gas project. SB-19-181 recognizes avoidance as the preferred approach for minimizing adverse impacts.

Our recommendations are intended to apply to all activities related to the exploration, exploitation, and transport of oil and natural gas resources in Boulder County. This includes a broad set of activities and facilities associated with exploration, drilling, construction, operation, maintenance, and eventual abandonment of facilities. These regulations should apply to all infrastructure and activity at oil and gas production locations, as well as to any pipelines used to transport oil, gas, and related fluids to and from production sites. We urge the County to make sure that your regulations apply broadly to all phases of oil and gas exploration, production, storage, and transport (i.e., pipelines, flowlines, and gathering lines), and associated infrastructure at all phases of development. Regulations should broadly apply to planning, construction, maintenance, and reclamation (i.e., eventual well capping, abandonment, and related reclamation or restoration activities)[1].

12-500 V. Natural Resources

We suggest the following new requirements:

All locations, areas, sites, and Drilling and Spacing Units (DSUs) proposed for oil and gas development, or likely to be impacted by a proposed oil and gas project (including via construction, operation, and/or maintenance of pipelines), must be surveyed for natural resources by a qualified independent consultant with necessary expertise, approved by the County[2]. Surveys will be conducted using approved and standard surveying protocols (e.g., distance surveys for grassland nesting songbirds, Buckland et al. 2001; Colorado Natural Heritage Program

[1] The COGCC appears to include installation of pipelines (i.e., flowlines and gathering lines) in its definition of 'oil and gas operations,' but not necessarily pipeline maintenance or operation. It is critical that Boulder County include all aspects of pipelines under the oil and gas operations that it regulates.
https://cogcc.state.co.us/documents/reg/Rules/LATEST/Complete%20Rules%20as%20of%20May%201,%202018.pdf
[2] Alternatively, County or other local government staff with necessary expertise (e.g., BCPOS or OSMP wildlife biologists, plant ecologists) could conduct natural resources surveys, with costs covered by applicant fees.

recommendations and protocols for plant surveys[3], Elliot et al 2009, Panjabi and Smith 2017; U.S. Fish and Wildlife Service [USFWS] approved species specific survey protocols for listed species[4]). This includes, but is not limited to, the project footprint (locations of well sites, collection sites, roads, pipelines, rights-of-way, etc.), and should include surveys of surrounding natural resources and potential habitat (up to ½ mile). The costs of required natural resource surveys will be covered by the applicant.

Natural resource surveys will be conducted for:

(1) Threatened and Endangered Species -- Federal (All species that are petitioned, candidate or listed as threatened or endangered at the Federal level)
(2) Threatened and Endangered Species – Colorado State (All species listed as Endangered, Threatened, or Sensitive by the State of Colorado)
(3) Tier I and Tier II Species of Greatest Conservation Need (SGCNs)[5], as identified in the Colorado State Wildlife Action Plan[6]
(4) Nesting songbirds
(5) Nesting and roosting raptors
(6) Tier I and Tier II Plants of Greatest Conservation Need (PGCNs), as identified in the Colorado State Wildlife Action Plan 2015: Rare Plant Addendum (or updates to this, if applicable).
(7) Plant species with state rankings of S3 and lower, or any plant species with less than 10 documented occurrences in Boulder County, according to current data maintained by the Colorado Natural Heritage Program[7].
(8) Wetlands and Waters of the U.S. (formal wetland delineation conducted, according to methods provided by the 1987 Wetlands Delineations Manual of the U.S. Army Corps of Engineers, and applicable regional supplements[8])

12-600 Special Review Standards

For this Section of Article 12, we offer the general suggestion that the term "to the maximum extent practicable" be removed throughout. Under the new Colorado law, Boulder County can now prioritize the protection of communities, the environment and wildlife, over industry concerns related to financial costs or the convenience of protection measures. Here, the long-term public good must be elevated above the short-term

[3] For example, botanical field surveys should be conducted by qualified individuals with botanical expertise, according to commonly accepted survey protocols, and using suitable GPS equipment. The Colorado Natural Heritage Program at Colorado State University can provide references, field forms, etc. Surveys should be conducted when plants are in bloom so that they can be detected and identified. In some cases multi-year surveys may be necessary, e.g., if drought conditions occur during the survey window.
https://cnhp.colostate.edu/download/documents/2017/Rare_Plant_BMP_without_maps.pdf
https://cnhp.colostate.edu/download/documents/2009/Plant_BMPs_FINAL_May_6_2009.pdf
[4] USFWS protocols -- https://www.fws.gov/mountain-prairie/es/protocols.php
[5] Note: this list is limited to vertebrate species and mollusks, groups for which CPW has statutory authority.
[6] https://cpw.state.co.us/aboutus/Pages/StateWildlifeActionPlan.aspx
[7] https://cnhp.colostate.edu/
[8] https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/reg_supp/
https://www.nws.usace.army.mil/Portals/27/docs/regulatory2/Wetlands/1987%20Wetland%20Delineation%20Manual.pdf?ver=2018-11-29-180229-380

profits of private industry. Throughout this section, approval standards for oil and gas permits must be based on the avoidance of negative impacts (e.g., to agricultural land, air quality, cultural and historic resources, etc.), without caveat.

12-600 I. Natural Resources

A. Recommendations: Habitats and Plants

Remove the wording "to the maximum extent practicable" with respect to avoiding degradation of natural resources. Our goal is to prevent all new adverse impacts to natural resources, and ultimately to eliminate any and all significant negative impacts to natural resources from existing oil and gas operations.

Oil and gas operations and pipelines should not be allowed in sensitive, unique, and/or ecologically valuable habitats or natural resource areas, or on sites that support any plant species of conservation interest. Such areas may be identified on site (i.e., via surveys conducted prior to application submittal; see recommendations for 12-500 Application Submittal Requirements above); delineated based on prior monitoring, surveys, or research (e.g., Tripp 2017); or defined by planning processes and documents such as the Boulder Valley Comprehensive Plan[9], and the Boulder County Comprehensive Plan (BCCP)[10]. The following list includes mapped entities in the current BCCP, but the rules should be written to allow for updated definitions and delineations of important areas, and those defined in other planning documents. We suggest the following additions or changes to this Section:

- Oil and gas development will not be allowed within or adjacent to Environmental Conservation Areas, as defined in the BCCP. According to the BCCP, "Boulder County shall conserve and preserve Environmental Conservation Areas (ECAs) in order to perpetuate native species, biological communities, and ecological processes that function over large geographic areas and require a high degree of connectivity to thrive" (page 39).
- Oil and gas development will not be allowed within or adjacent to Critical Wildlife Habitat and/or Migration Corridors, as defined in the BCCP.
- Oil and gas development will not be allowed within or adjacent to Rare Plant Areas and/or Significant Natural Communities, as defined in the BCCP.
- Oil and gas development will not be allowed within or adjacent to Natural Landmarks and/or Natural Areas, as defined in the BCCP.
- Oil and gas development will not be allowed within or adjacent to Wetlands and/or Riparian areas, as defined in the BCCP or identified based on required site specific wetland delineation.
- Oil and gas development will not be allowed in Potential Conservation Areas, as identified by the Colorado Natural Heritage Program.[11]
- Oil and gas development will not be allowed on locations that support any Tier I or Tier II Plants of Greatest Conservation Need (listed in the Colorado State Wildlife Action Plan 2015: Rare Plant Addendum).
- Oil and gas development will not be allowed on locations that support any plant species with state rankings of S3 and lower, or any plant species with less than 10 documented occurrences in Boulder County, according to data maintained by the Colorado Natural Heritage Program.

[9] https://www-static.bouldercolorado.gov/docs/BVCP_2015_Update-5-1-19-1-201905011635.pdf
[10] https://assets.bouldercounty.org/wp-content/uploads/2018/10/bccp-boulder-county-comprehensive-plan.pdf
[11] https://cnhp.colostate.edu/ourdata/pca-reports/

- Oil and gas development will not be allowed on locations that support any state or federal petitioned, candidate or listed threatened, endangered, or sensitive species.

To further protect Boulder County natural resources, oil and gas operations may not be conducted within 1,500 feet of sensitive areas (e.g., mapped in the BCCP, or otherwise identified) or habitat occupied by sensitive or protected species (e.g., identified in field surveys, or other research or monitoring). This includes, but is not limited to, locations supporting any of the following: Tier I or Tier II plant species; plant species with state rankings of S3 and lower; plant species with less than 10 documented occurrences in Boulder County; any state or federally petitioned, candidate or listed threatened, endangered, or sensitive species; critical wildlife habitat; wetlands; riparian zones; sensitive plant communities.

Oil and gas operations may not fragment existing large habitat blocks, which are essential to achieving Boulder County planning and conservation goals. According to the Boulder Valley Comprehensive Plan, "The city and county recognize the importance of preserving large habitat areas, especially of unfragmented habitat, in support of the biodiversity of their natural lands and viable habitat for native species" (page 55). Retaining existing large habitat blocks is also a key strategy to promote resilience and adaptation to climate change, which is expected to increasingly stress ecosystems and cause geographic shifts in species distributions[12].

B. Recommendations: Wildlife

Because SB19-181 explicitly mentions protection of wildlife, we suggest adding a new sub-section in 12-600 Special Review Standards titled 'Wildlife'. This section would apply to wild animal species, which means that a 'Natural Resources' section is still needed to protect plant species and whole communities and/or ecosystems.

We suggest that the new Wildlife Section include the following:

Oil and gas development should not be allowed in any locations that support important Boulder County wildlife resources – including nesting grassland songbirds; nesting or roosting raptors; any species that are Petitioned, Candidate or listed as Threatened or Endangered at the Federal level; any species listed as Endangered, Threatened, or Sensitive by the State of Colorado; any Tier I and Tier II Species of Greatest Conservation Need (SGCNs), as identified in the Colorado State Wildlife Action Plan.

To further protect Boulder County natural resources, oil and gas operations should not be conducted within a designated buffer of locations that support important Boulder County wildlife resources, as described above. This buffer will be 1,500 feet **or** the distance specified by wildlife experts (e.g., 2008 Colorado Parks and Wildlife [CPW] guidelines; Boulder County Parks and Open Space [BCPOS] or City of Boulder Open Space and Mountain Parks [OSMP] management plans), **whichever is greater.**

Oil and gas operations should adhere to CPW guidelines regarding buffer zones to protect raptors[13], where those guidelines specify greater than 1,500-foot buffers. These recommendations vary by species. For bald eagles, the 2008 CPW recommendations specify no surface occupancy within ¼ mile (1,320 feet) of nests. However, there are additional seasonal activity restrictions including: no human encroachment within ½ mile radius of active nests from October 15 through July 31; no human encroachment from November 15 through March 15 within ½ mile radius of an active winter night roost if there is a direct line of sight between the roost

[12] See Boulder County Climate Preparedness Plan. https://assets.bouldercounty.org/wp-content/uploads/2017/03/climate-change-preparedness-plan.pdf
[13] https://cpw.state.co.us/Documents/WildlifeSpecies/LivingWithWildlife/RaptorBufferGuidelines2008.pdf

and the encroachment activities; and potential further restrictions around hunting perches. Thus, we suggest a ½ mile (2,640 feet) buffer from nests and winter roosts to best protect bald eagles in Boulder County. For ferruginous hawks the 2008 CPW recommendations specify no surface occupancy within ½ mile radius of active nests. Thus, we suggest the ½-mile (2,640 feet) buffer be enforced. No oil and gas activity (including roads, pipelines, well pads, etc.) is allowed within these buffer zones, which represent conservative estimates of the area required to protect raptors.

These protections will necessitate wildlife surveys, which should be conducted by qualified independent consultants approved by the County, using accepted and approved protocols, and costs paid by the applicant. This would need to be added to Section 12-500 Application Submittal Requirements (see suggestions above).

C. Justification

The people of Boulder County value natural environments and agricultural landscapes, and have invested considerable taxpayer resources into protecting these amenities with open space purchases, conservation easements, as well as land use planning that prioritizes environmental protection and preservation of rural landscapes. According the Boulder Valley Comprehensive Plan, "preservation and protection of the natural environment… is a core community value that has defined Boulder since the end of 19th century" (page 53). The philosophy behind the BCCP is that:

- Growth should be channeled to municipalities.
- Agricultural lands should be protected.
- Preservation of our environmental and natural resources should be a high priority in making land use decisions[14].

Current methods of oil and gas development are incompatible with these values, and must be curtailed in Boulder County if we are to achieve our land use planning goals. This is consistent with the new mandate in SB-19-181 which prioritizes protection of the environment and wildlife resources.

There is a substantial body of research documenting adverse impacts of oil and gas development to wildlife. These include obvious, visible impacts such as habitat loss and habitat fragmentation associated with the physical footprint of oil and gas infrastructure. However, the negative effects of oil and gas development expand far beyond the developed infrastructure footprint. These additional direct and indirect effects result from the noise, vibration, light, traffic, increased human presence, emissions, and potential leaks and spills associated with oil and gas operations (Northrup and Wittemyer 2013, Brittingham et al. 2014). For example, in a study of the indirect impacts of oil development in South Dakota, Thompson et al. (2015) demonstrated that grassland birds avoided areas within 150 meters of oil and gas access roads, 267 meters of single-bore well pads, and 150 meters of multi-bore well pads. In another recent study, Kleist et al. (2018) demonstrated that the noise from nearby active gas wells (within 175 meters of nests) in Northern New Mexico reduced the reproductive success of western bluebirds, and also caused physiological stress in all bird species studied.

Many other studies have documented short- and long-term impacts of anthropogenic noise and vibration to wildlife, including terrestrial bird, mammal and amphibian species (Barber et al. 2009, Shannon et al. 2016). This research addresses noise from a range of human activities, such construction, traffic, and industrial activities (including oil and gas operations). Documented negative impacts include behavioral and physiological effects

[14] https://www.bouldercounty.org/property-and-land/land-use/planning/boulder-county-comprehensive-plan/

(e.g., reduced foraging efficiency, hearing loss, elevated stress hormone levels, and hypertension), masking of communication (e.g., advertising, listening), hearing damage (i.e., permanent threshold shift), and temporary hearing loss (i.e., temporary threshold shift). Terrestrial wildlife responses begin at noise levels of approximately 40 dBA, which is similar to the annoyance threshold for humans (Shannon et al. 2016). However, studies have shown that a noise increase of 3 dBA, which is barely perceptible to humans, corresponds to a 50 percent loss of listening area for wildlife. Noise increases of 3 to 10 dBA correspond to 30 and 90 percent reductions in alerting distances (Barber et al. 2009).

Given the large amount of oil and gas development in neighboring areas of the Front Range, it is critical that Boulder County consider cumulative impacts in drafting its own regulations. Further, because Weld County is promoting increased oil and gas development within its borders, we can expect cross-border impacts to escalate in the future. The expanding footprint and density of oil and gas operations in Weld County will increasingly impact wildlife populations, habitats and ecosystems, including impacts to species whose ranges extend into Boulder County. Such cumulative impacts highlight the importance of creating strong protections for Boulder County wildlife and natural resources.

Boulder County oil and gas rules should be written based on scientific evidence and with a good dose of the precautionary principle, in order to truly protect wildlife and the environment from the direct and indirect effects of oil and gas operations. Our recommended 1,500-foot minimum setback is a reasonable requirement that aligns with studies of the habitat requirements of many Boulder County species, and with land use setbacks for wildlife protection in other grassland regions. For example, recommended buffers for burrowing owls (a Tier I Species of Greatest Conservation Need, according to the Colorado State Wildlife Action Plan) are up to 500 meters (1,640 feet) in grassland regions of Alberta, Canada (Scobie and Faminow 2000).

C. Literature cited for natural resources recommendations

Barber, J., K. Crooks, and K. Fristrup. 2009. The costs of chronic noise exposure for terrestrial organisms. Trends in Ecology and Evolution, 25(3), 180-189.

Brittingham, M. C., Maloney, K. O., Farag, A. M. et al. 2014. Ecological risks of shale oil and gas development to wildlife, aquatic resources and their habitats. Environmental Science & Technology. 48, 11034−11047. dx.doi.org/10.1021/es5020482

Buckland, ST., Anderson, DR., Burnham, KP, Laake, JL, Borchers, DL, Thomas, L. 2001. Introduction to distance sampling: estimating abundance of biological populations. Oxford: Oxford University Press.

Colorado Wildlife Action Plan: 2015 Rare Plant Addendum. Jill Handwerk, Lee Grunau, and Susan Spackman-Panjabi, eds. Colorado Natural Heritage Program, Colorado State University, Fort Collins, CO.

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12-600 Q. Wetland Resources

We propose that oil and gas operations should not be allowed in wetlands, nor within a 1,500-foot buffer around mapped wetland areas[15]. Further, oil and gas operations must avoid causing degradation to wetlands, including wetlands that are off-site. For example, oil and gas operations shall not alter historic drainage patterns and/or flow rates, and may not cause fragmentation of existing wetlands.

These protections will necessitate wetland delineations to be conducted at all proposed oil and gas development sites, and all sites likely to be impacted by oil and gas operations. Wetland delineations will be conducted by qualified independent consultants approved by the county, using delineation procedures provided by the 1987 Wetlands Delineations Manual of the U.S. Army Corps of Engineers and applicable regional supplements, and costs paid by the applicant. (See suggestions above for Section 12-500 Application Submittal Requirements)

New Section: 12-600 R. Public Open Space Lands

Oil and gas operations should not be allowed on public parks or open space, including land owned, under conservation easement, and/or managed by Boulder County Parks and Open Space (BCPOS), City of Boulder Open Space and Mountain Parks (OSMP), and/or other city, county, and state entities.

Industrial activities, such as oil and gas operations, are entirely incompatible with the purpose of public open space. For example, according to the OSMP Master Plan, the City of Boulder charter specifies that "open space shall be acquired, maintained, preserved, retained, and used only for the following purposes: (a) natural areas with features or species of special value; (b) water, landscapes and ecosystems; (c) passive recreation; (d)

[15] While recommended wetland buffer distances for water quality are often 100-200 feet, buffer distances of over 5,000 feet have been recommended for wildlife habitat (See Planners Guide to Wetland Buffers for Local Governments, https://www.ecosystemmarketplace.com/wp-content/uploads/archive/documents/Doc_457.pdf). Thus, 1,500 feet is a reasonable buffer distance to achieve our goal of protecting wildlife from negative impacts of oil and gas operations.

agriculture; (e) limiting sprawl; (f) urban shaping; (g) floodplain protection; and (h) aesthetics and quality of life" (page 4)[16]. Similarly, according to open space sales and use tax resolutions, open space serves the following functions: Conserve rural character of the unincorporated county; preserve natural resources, including significant habitats, native species, and ecological processes; conserve and enhance agricultural lands; protect and manage water resources; provide passive recreation; protect, preserve, and restore cultural resources, including historic and pre-historic features; provide volunteer and education opportunities (BCCP)[17]. Thus, investments in open space have been made by the public for the purpose of conservation, preservation, maintenance, and restoration of natural and cultural resources – not for industrial activities.

12-1000 Enforcement

As stated above, the protection of natural resources is a very high priority for Boulder County residents. We have invested hundreds of millions of dollars into open space, and the protection of the environment and wildlife. Our oil and gas regulations should not only proactively protect these resources (via standards, etc.), but should also include strong punishments and disincentives for violations.

It is well documented that oil and gas rules have not been well enforced at the state level, particularly with respect to wildlife protections. Furthermore, many state wildlife protections and protocols are actually voluntary, or at least somewhat negotiable, under the current COGCC rules[18]. For example, in Weld County well pad sites have been approved, and pipelines have been constructed, well within the ½-mile buffer specified by CPW for winter bald eagle roosts[19]. It is therefore critical that Boulder County's own oil and gas regulations "have teeth" in order to fulfill our goals of protecting communities, the environment, and wildlife from the negative impacts of oil and gas development.

We offer the following suggestions with respect to enforcement:

- Substantial fines for rule violations.
- Suspension of operator permits upon discovery or reasonable suspicion of a violation, pending elimination and full remediation of the impact, or demonstration that no rule has been violated.
- Revocation of operator licenses after three violations.

12-700 Conditions of Approval

In the event that an oil and gas operations permit is approved, ongoing monitoring of impacts to natural resources should be required. Monitoring should occur (1) before project commencement in order to capture baseline conditions, and (2) during all phases of oil and gas operations, including the construction phase. Such monitoring should occur within a ½ mile zone around all oil and gas operations, as defined above. Monitoring

[16] https://www-static.bouldercolorado.gov/docs/osmpmp-final-plan-council-review-1-201908221038.pdf?_ga=2.10817392.590717692.1566776748-2043494192.1547910634
[17] https://assets.bouldercounty.org/wp-content/uploads/2018/10/bccp-boulder-county-comprehensive-plan.pdf
https://www.bouldercounty.org/open-space/management/funding-sources/
[18] https://www.timescall.com/2018/02/09/researchers-want-more-protections-for-bald-eagles-from-drilling-in-boulder-weld-counties/
[19] https://www.boulderweekly.com/news/ruling-the-roost/
https://www.boulderweekly.com/bouldergantic/a-not-so-grand-experiment/

should be conducted by a qualified independent consultant with necessary expertise, approved by the County, following standard, approved methods. Third party monitoring would supplement monitoring, enforcement and oversight activities performed by relevant County or other local government staff, departments or agencies. Monitoring results (including raw data, as well as compiled reports) should be made available to the public online in a timely manner -- Continuous monitoring data of air quality and sound should be posted online in real time; other field data and reports should be posted at least annually.

We suggest that, at a minimum, natural resources monitoring should include:

- Air quality (continuous monitoring)
- Noise (continuous monitoring)
- Surface and ground water quality
- Wildlife

From:	Boyle, Jamie
To:	Boulder County Oil and Gas Comment
Subject:	Thank You!
Date:	Monday, September 09, 2019 12:42:13 PM
Attachments:	PastedGraphic-1.tiff

Elise, Matt, and Deb,

I just finished reading the message that was sent on 8/30 to address the newspaper's perception of the Commissioners' efforts against oil and gas as "small ball." Thank you for clarifying this misrepresentation, and THANK YOU for all of the hard work, hours, and thought that you all have put into your efforts to protect Boulder County from fracking. That's all, just thank you, keep up the hard work, and good luck.

Thank you!

Jamie Boyle, REALTOR®, MBA
Colorado's Old House Lady

Broker Associate with Coldwell Banker Residential Brokerage

972.375.7242

theoldhouselady.com

Wire Fraud is Real. Before wiring any money, call the intended recipient at a number you know is valid to confirm the instructions. Additionally, please note that the sender does not have authority to bind a party to a real estate contract via written or verbal communication.

From:	Dexter Payne
To:	Boulder County Oil and Gas Comment
Subject:	small ball
Date:	Monday, September 23, 2019 12:48:08 PM

Dear Commissioners,

I am a long-time Boulder resident - 12yrs in the City of Boulder and 18 yrs in the County. (That's this time. But I remember when there was nothing on Table Mesa but cows and rattlesnakes).

My recent (3yrs ago) move out of the city to Heatherwood has heightened my concern about fracking from 'it cant happen
here' to the very real possibility of joining those who are committed to stand in the way of machinery if that's 'what it takes'.

I certainly hope Boulder Co is not playing small ball on these complicated and essential issues. I am not keeping up on the current dialogue, though I have felt disappointed by what Ive seen since home rule was legislated. I guess I have to take your word on what kind of ball you play.

I can only hope we have elected Commissioners who can think out of the box on these matters. In the past, that has not always been the case. For instance, tiptoeing around commercial interests in regard to GMO cropping on Open Space.

I know there are 'legal limitations' regarding mineral rights, etc. But there are also 'legal limitations' set by covenant on mineral drilling under our property(s). So, who decides which legal limitations apply? We depend on you.

We call this place our home, not out of elitism, but a need to live in a community with progressive values. That puts a heavy load on you, the individuals we have chosen to represent those values and interface with a not-so-progressive political and cultural environment, i.e. state govt and oil & gas inteests with their alleged corporate personhood rights.

That means there are times when 'Not within our jurisdiction' may be a legally correct answer, but it is not in your job description. You were elected to represent us, not represent the law to us.

You ran for office and we elected you. The whole reason for representative democracy, is so that we dont have to drive to ND to stand with Water Protectors, so we dont have to leave work and school to march this Friday (tomorrow), so we dont have to protest at CCOG rubber stamp hearings or (heaven help us!) chain ourselves to fracking rigs and bulldozers.

Elected representatives are just that. This community has not elected official to say 'keep fracking safe with setbacks etc., etc.'

We are very clear:
1. Keep fracking out. Period.
2. We want clean energy.
3. Keep it in the ground.

Please, represent us. Be bold! We will stand with you...if you take a stand. Our air, our water, the very ground we walk on are that important. Ask our grandchildren.

Sincerely,
Dexter Payne

From:	Cindy Lurie
To:	Boulder County Oil and Gas Comment
Subject:	Thank you for fighting
Date:	Tuesday, September 24, 2019 5:22:18 PM

Thank you so much for continuing to fight on our behalf to try to stop the oil and gas industry from invading Boulder County and running roughshod over our rights to protect our health and safety. I am simply inconsolable to know that our judges have been sucked into the clutches of oil and gas. It is critical not only to the future of Colorado, but to the future of humanity itself that we begin to reign in the unbridled power and merciless greed of this industry, in particular the absolutely insane practice of neighborhood drilling. They have become so used to the COGCC and the courts allowing them to do anything they like, and have been able to bully and oppress communities across the country into submitting to their will. As a result, many of those living in proximity to the wells have suffered in a variety of ways and climate change continues to accelerate completely unchecked. I'm proud of those leaders in Colorado who are taking on the industry and not giving up. I don't care what it costs or what the risks are. I want to be on the right side of history in this and am exceedingly grateful for those of you with the courage and fortitude to continue on for what is so obviously right for all of us.

With hope and gratitude,
Cindy Lurie
Lafayette, CO

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1224] - [Name: Cronshaw, Mark] Re: Crestone Peak Resources
Date: Thursday, September 26, 2019 1:44:17 PM

Name *	Mark Cronshaw
Email *	mbcronshaw@gmail.com
Address or General Area (optional)	138 WILDCAT LN BOULDER, CO 80304 United States
Subject *	Crestone Peak Resources
Comments, Question or Feedback *	Why are you wasting time and money appealing this case? The district court already ruled against you. Of course by law you are entitled to appeal. But in my opinion you are wasting my tax dollars on an issue in which you are unlikely to prevail. Furthermore, development of oil and gas provides jobs and tax dollars to support our community, with very limited risk. Your actions are not consistent with my preferences. Please be brave enough to consider the science and the facts, rather than be swayed by uninformed public opinion.
Please check box below *	• I acknowledge receipt of the Open Records Notification

From:	Gabrielle Katz Heatherwood
To:	Boulder County Oil and Gas Comment
Subject:	Climate Change and Article 12
Date:	Friday, September 27, 2019 3:39:03 PM
Attachments:	Boulder County Carbon Offset Comment.pdf

Dear Boulder County Commissioners and Staff,

Since it is the **Colorado Climate Strike Week of Action**, I have been thinking a lot about Colorado's role and responsibility with respect to the climate crisis. As a fossil fuel producing state, we have an extra responsibility to face this crisis head on, and to take action now. This means we need to address not only our individual lifestyles, but also what is going on in our local communities and in our state overall. At the state level, concerned citizens are engaged in a tough struggle to bring some sanity to the regulation of oil and gas operations. At best, the outcome of this struggle appears to be very much up in the air.

That said, we are looking to Boulder County to show leadership. Your constituents want climate action now. To that end, we are willing to go to bat for you in support of regulations that curtail oil and gas operations in our beloved County. We want a ban. We need to do this to protect ourselves and our environment from the toxins emitted by oil and gas operations, and we need to do this to protect the world from the warming caused by the greenhouse gases produced by these operations.

If a ban is not possible, or in the meantime while we figure out how to get one in place, we should do all we can to reduce or eliminate the adverse impacts of Boulder County oil and gas operations. Please see the attached document for an idea that might help reduce the global impact of oil and gas development in Boulder County -- requiring the purchase of **carbon offsets**. While this idea would not solve the myriad local and regional negative effects of oil and gas operations, it would help reduce the climate change impacts. This idea is not a be-all and end-all, but it could be added to a suite of ideas to help reduce the destructiveness of oil and gas operations..

Thank you,
Gabrielle Katz

Boulder County Article 12 Comment: Carbon Offsets

Gabrielle Katz, September 27, 2019

Dear Boulder County Commissioners,

Thank you for admitting the truth about the climate crisis, and declaring a climate emergency on July 23, 2019.[1] We are truly facing a climate emergency, unlike anything humankind has ever experienced in our evolutionary or cultural past. The time to act is now, if we hope to avert the most dangerous climate change impacts.

Last year, the IPCC published a report investigating what it will take to limit global surface warming to 1.5 °C.[2] Make no mistake, even if we do limit warming to this level, the world will be much altered and fundamentally impoverished by climate change. However, at warming greater than 1.5 °C we risk ever more catastrophic impacts to resources, ecosystems, biodiversity, agriculture and food security, cities, and tourism -- including greater probability of extreme drought, precipitation deficits, and water stress.

To limit warming to 1.5 °C, we will need to employ a variety of strategies. Among other mitigation pathways, we will need to (1) leave a lot of fossil fuel in the ground to reduce the cumulative buildup of atmospheric carbon dioxide, and (2) aggressively pursue methods of atmospheric carbon removal. Today, the best method of carbon removal is photosynthesis, whereby plants uptake carbon dioxide from the atmosphere and store it in biomass. However, additional methods of carbon removal (e.g., negative emissions technologies) are being researched and explored[3].

According to the US Energy Information Administration, gas production has doubled in Colorado since 2000[4]. More alarmingly, since 2010 oil production has quadrupled in our state! We cannot go on with business as usual and have any illusion of leaving our children and grandchildren with a functioning biosphere and a livable climate.

I have the following suggestions regarding your revisions to Article 12:

- **Oil and gas ban.** In light of the climate crisis that you have declared, I urge you to ban all new oil and gas operations in Boulder County. Anything less than this is inconsistent with the urgency of the climate emergency. Let's do our part to keep planetary warming to 1.5 °C!

- **Carbon offsets.** If a ban is not possible, or in the meantime while we work towards that goal, I urge you to require carbon offsets for any new permits issued in the future. That is, please require operators to invest in carbon removal to mitigate 100% of greenhouse gases released over the lifetime of each well (i.e., leaked and vented methane), as well as 100% of the carbon dioxide produced by the eventual combustion of the produced fuels. Offsets would be approved by the County, and verified by a third party[5].

Thank you,

Gabrielle Katz
Boulder County, Colorado

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[1] https://www.bouldercounty.org/news/commissioners-issue-proclamation-declaring-a-climate-emergency/
[2] You can find the full report here: https://www.ipcc.ch/sr15/
[3] https://www.edf.org/blog/2019/02/12/carbon-removal-technologies-help-tackle-climate-change-heres-what-itll-take
[4] https://www.eia.gov/state/analysis.php?sid=CO
[5] https://www.yaleclimateconnections.org/2019/05/are-carbon-offsets-a-scam/

From:	Kimberley Rivero
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Tuesday, October 15, 2019 2:16:26 PM

Dear Honorable Boulder County Commissioners,
Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

Deny unsafe applications. The new rules must stipulate conditions for denial of oil and gas development applications to protect public health or the environment, based on scientific information and the precautionary principle.

Protect our Open Space from oil and gas development. The people vote to buy open space with the clear mandate to protect that land from all future development.

Setbacks. Remember that in 2018 Boulder County voters overwhelmingly supported Proposition 112 in favor of 2,500 foot setbacks.

Keep Operators Responsible for Costs. The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.

Make Good Air Quality a Priority. New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Require Carbon Offsets. Climate change is an urgent issue that requires immediate action -- if any drilling is allowed, operators should mitigate the climate impacts of leaked and vented methane, and eventual oil and gas combustion.
Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB 19-181. We appreciate your hard work on this issue.

Thank you,
Kim
~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~
Kimberley Rivero
Cell: 720.341.2869
~-~-~-~-~-~-~-~-~-~-~-~-~-~-~-~

From:	Tim Benko
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Tuesday, October 15, 2019 6:17:49 PM

Dear Honorable Boulder County Commissioners,

Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

- **Deny unsafe applications.** The new rules must stipulate conditions for denial of oil and gas development applications to protect public health or the environment, based on scientific information and the precautionary principle.
- **Protect our Open Space from oil and gas development.** The people vote to buy open space with the clear mandate to protect that land from all future development.
- **Setbacks.** Remember that in 2018 Boulder County voters overwhelmingly supported Proposition 112 in favor of 2,500 foot setbacks.
- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.
- **Require Carbon Offsets.** Climate change is an urgent issue that requires immediate action -- if any drilling is allowed, operators should mitigate the climate impacts of leaked and vented methane, and eventual oil and gas combustion.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB 19-181. We appreciate your hard work on this issue.

Thank you,

--
Tim Benko
303-517-1371

5836 Park Lane Road
Longmont, CO 80503
tim@benkophoto.com

From:	julia hanke
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Wednesday, October 16, 2019 11:30:58 AM

Dear Honorable Boulder County Commissioners,

Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

- **Deny unsafe applications.** The new rules must stipulate conditions for denial of oil and gas development applications to protect public health or the environment, based on scientific information and the precautionary principle.
- **Protect our Open Space from oil and gas development.** The people vote to buy open space with the clear mandate to protect that land from all future development.
- **Setbacks.** Remember that in 2018 Boulder County voters overwhelmingly supported Proposition 112 in favor of 2,500 foot setbacks.
- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.
- **Require Carbon Offsets.** Climate change is an urgent issue that requires immediate action -- if any drilling is allowed, operators should mitigate the climate impacts of leaked and vented methane, and eventual oil and gas combustion.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB 19-181. We appreciate your hard work on this issue.

Thank you,

Julia Hanke

4711 Berkshire Ct

Boulder

From: Kay Martin
To: Boulder County Oil and Gas Comment
Subject: Article 12 input
Date: Friday, October 18, 2019 1:17:56 AM

Dear Boulder County Commissioners,

I am writing to ask that the new revisions to Article 12 will be as strong as possible and you will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations. For us, we live in Gunbarrel and have watched in horror at what has happened to Erie and what is proposed along 287/52 and potentially the Heatherwood/Gunbarrel area.

Please incorporate the following into the Article 12 revisions:

- **Deny unsafe applications.** The new rules must stipulate conditions for denial of oil and gas development applications to protect public health or the environment, based on scientific information and the precautionary principle. Personally I would go a step further and deny all permits within boulder county. We live here and we need to stand up to Oil and Gas greed.

- **Protect our Open Space from oil and gas development.** The people of Boulder county vote to buy open space with the clear mandate to protect that land from all future development. To allow Oil and Gas to open up open space is not in the best interest of anyone who lives in Boulder county and pays for protection of our open space.

- **Setbacks.** Remember that in 2018 Boulder County voters overwhelmingly supported Proposition 112 in favor of 2,500 foot setbacks. This is so ridiculous, I can't even believe I have to fight for a set back but, please ask yourselves, who wants their house situated along the Erie bike path right now. There are plenty of places in Colorado that Oil and gas can drill, why in our open space and neighborhoods.

- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.

- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents. All of you are aware of what is happening in boulder county with what has been allowed in our vicinity. The evidence taken at the reservoir to show the increase in Oil and Gas pollution does not lie.

- **Require Carbon Offsets.** Climate change is an urgent issue that requires immediate action -- if any drilling is allowed, operators should mitigate the climate impacts of leaked and vented

methane, and eventual oil and gas combustion.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB 19-181. We appreciate your hard work on this issue.

Kay

Kathleen Martin | *CEO*
BOCO Gear
7315 Augusta Drive
Boulder, CO 80301
kay@bocogear.com
mobile (303) 956-7350

From:	Suzanne De Lucia
To:	Boulder County Oil and Gas Comment
Subject:	Article 12 Revisions
Date:	Friday, October 18, 2019 10:01:29 AM

Dear Honorable Boulder County Commissioners,

Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

- **Deny unsafe applications.** The new rules must stipulate conditions for denial of oil and gas development applications to protect public health or the environment, based on scientific information and the precautionary principle.
- **Protect our Open Space from oil and gas development.** The people vote to buy open space with the clear mandate to protect that land from all future development.
- **Setbacks.** Remember that in 2018 Boulder County voters overwhelmingly supported Proposition 112 in favor of 2,500 foot setbacks.
- **Keep Operators Responsible for Costs.** The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.
- **Make Good Air Quality a Priority.** New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.
- **Require Carbon Offsets.** Climate change is an urgent issue that requires immediate action -- if any drilling is allowed, operators should mitigate the climate impacts of leaked and vented methane, and eventual oil and gas combustion.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB 19-181. We appreciate your hard work on this issue.

Thank you,

Suzanne De Lucia

5562 Stonewall Place

Boulder, CO 80303

--

Suzanne M. De Lucia, CBI
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www.frontrangebusiness.com

From:	Jasmin Cori
To:	Boulder County Oil and Gas Comment
Subject:	New county regulations for oil and gas development
Date:	Friday, October 18, 2019 3:35:50 PM

As you update regulations to comply with SB19-181, please consider the following:

- **Protect Open Space. We** Oil and gas operations should not be allowed on any public open space. The residents of Boulder County, the City of Boulder, and other local jurisdictions, have invested hundreds of millions of dollars in open space. These land purchases and conservation easements were enacted to protect natural habitats, preserve agricultural areas, provide opportunities for passive recreation, and to maintain the rural character of the unincorporated County. Industrial activities, such as oil and gas development, are entirely incompatible with these goals, and are inappropriate on public open space.
- **Deny Applications -** It is critical that the new rules stipulate conditions for denial of oil and gas development applications, based on scientific information and the precautionary principle.
- **Require Safe Setbacks.** In 2018, the residents of Boulder County voted overwhelmingly (77%) in favor of Proposition 112. Although the state level initiative did not pass, under SB19-181 there is nothing preventing the County from enforcing such setbacks within its jurisdiction.
- **Keep Operators Responsible for Costs** - The costs of oil and gas operations should not fall to the taxpayers of Boulder County. All operators should be required to pay fees and post bonds that are sufficient to cover the true costs of accidents, spills, and eventual well abandonment. A recent analysis suggested that a minimum of $250,000 per well is a conservative estimate of the cost of well closure.
- **Make Good Air Quality a Priority** - New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents. The Northern Colorado urban corridor -- which includes Boulder County -- already exceeds safe levels for ozone throughout the summer, and is slated to be downgraded from “medium” to “serious” non-attainment for EPA ozone standards. Some residents already face adverse impacts such as aggravated asthma and respiratory disease. According to a recent report by researchers at NCAR, oil and gas operations in the Front Range account for 30-40% of total local ozone production on days when ozone exceeds the EPA health standard, while vehicle emissions contribute a comparable amount. Boulder County residents have been taking steps to reduce vehicle contributions to ozone (e.g., emissions testing, investing in public transportation, using alternative transportation, etc.). We cannot allow expanded oil and gas development to further harm the air quality and health of Boulder County residents.
- **Require Carbon Offsets** - The Boulder County Commissioners declared a climate emergency on July 23, 2019, a move that was welcomed by Boulder

County residents who recognize the urgency of climate change. Our oil and gas regulations should be consistent with this declaration! For any new oil and gas permits approved, Boulder County should require operators to invest in carbon removal to mitigate 100% of greenhouse gases released over the lifetime of each well (i.e., leaked and vented methane), as well as 100% of the carbon dioxide produced by the combustion of the produced fuels. Such a requirement would be consistent with Boulder County's Sustainability Plan.

We need to be a leader in moving toward a more sane and sustainable way of life.

Thank you.
Jasmin Cori
4945 Twin Lakes Rd, Apt 44
Boulder, CO 80301
720-401-1764

From:	Leslie Weise
To:	jeff.robbins@state.co.us
Cc:	Anne Lee Foster; Lauren Petrie; Joe Salazar; Suzanne Spiegel; Maria Orms; Micah Parkin; Phillip Doe; Wes Wilson; Deborah McNamara; B. MILLS-BRIA; Jeremy Nichols; Dan Leftwich; Barbara Donachy; GINA B. HARDIN; Suzanne Cabral; Harv Teitelbaum; Rebecca Fischer; Jones, Elise; Sunni Benoit; Pearlman, Ben; Gabrielle Katz Heatherwood; stephen.fenberg.senate@state.co.us; Senator Steve Fenberg; Tricia Olson; Bfinley@denverpost Com; Mimi Larsen - DNR; John Putnam - CDPHE; cdphe.commentsapcd@state.co.us; Boulder County Board of Commissioners; Detlev Helmig; Governorpolis@state.co.us; jkohler@denverpost.com; Lon Goldstein; Kimberley Rivero; Sanchez, Kimberly; Jonathan Singer; Jonathan Singer
Subject:	Jeff, COGCC and CDPHE: Stop the heavy spin!
Date:	Friday, October 18, 2019 5:53:20 PM

Dear Jeff,

Reading the articles that have been written about the health study released yesterday, it is disappointing to read your obvious spin to downplay the health impacts from oil and gas operations. For example, this article cites:

> *"For those wells that are already in the production phase, this study is not implicating any health impacts," he said. "And that's the vast majority of existing wells."*

For you to use absolute terms that - *NOT ANY* health impacts are implicated by existing wells - is irresponsible and insincere. The study did not include long term analyses of health impacts, impacts of multi-well pads, or analyses beyond 2000 feet from a well. It was a very limited study, defined by monitoring single well sites, within a finite range and over a finite period of time. You already know that people who live in Boulder and Larimer Counties, for example, are impacted by benzene and other VOCs emitted from Weld County wells from much further distances than 2000 feet, as confirmed by Detlev Helmig's monitoring data and wind rose patterns. How do you know that the long term impacts from downwind residents' repeated exposures to these carcinogenic and other toxic emissions are not the cause of current or future health impacts? In fact, you do not and cannot.

And for CDPHE to offer a public health statement suggesting folks need only worry when we're exercising and when it's windy out is also extremely irresponsible since hundreds of thousands of people do in fact live down-wind of Weld County where many multi-well sites cumulatively emit far more pollution than any of the single wells analyzed in this study. Furthermore, living in Colorado to enjoy outdoor recreation is a key reason why many of us live here, and today happens to be one of those very windy days we often experience on the Front Range:

> *They said the findings showed a risk of health effects only under "worst-case conditions."*
>
> *One example officials provided was if someone was running close to an oil and gas site while it was being constructed and there were also strong winds at the time.*

Is CDPHE suggesting that the thousands of people who have called to complain about

health impacts (e.g. nose bleeds, head aches, etc) related to their proximity to oil and gas operations are inconsequential or unimportant? Why is our state's Department of Public Health not instead following the heed of Irena Gorski, the study's co-author who stated:

> ***"We have enough evidence at this point that these health impacts should be of serious concern to policymakers interested in protecting public health."*** *Irena Gorski, the study's co-author, told Environmental Health News.*

Jeff, where the line must be drawn on your statements concerning this health study, is your inaccurate legal statement about vested rights, especially since you're an attorney and must be held to a standard of citing proper law. A public correction is warranted.

> *Still, Robbins said he would start talking with oil and gas operators who are in the process of drilling wells within 2,000 feet of homes "to see if we can work with them to ensure protective measures are there on site."*
>
> "They have a vested right to develop, because they have approvals," he said.

Since you have practiced law for many years in this very field, you must know that the Colorado Supreme Court has declared that the government does in fact have the right to defeat a developer or operator's vested rights in a permit.

> *"Vested rights do not accrue to thwart the reasonable exercise of the police power for the public good.'" In re Estate of DeWitt, 54 P.3d 849, 855 (Colo. 2002). "[A] vested right . . . may be balanced against public health and safety concerns, the state's police powers to regulate certain practices, as well as other public policy considerations." Id. As long as the statute "bear[s] a rational relationship to the legitimate government interest that is asserted" it can override otherwise vested rights. Id.*

As long as there is a rational relationship between the new rule enforcement and the protection of public health, safety and welfare, the state can apply 181 and this new study to halt permits after they were issued.

Please take necessary, proper and responsible action under the law, SB 19-181, now that we have better information through this study about how public health is adversely being impacted by oil and gas operations. At a minimum, follow the call by one of 181's authors, Senator Fenberg:

> *In a statement, Senate Majority Leader Steve Fenberg, D-Boulder, said the state needs to take "aggressive and immediate action" in response to the study.*
>
> *He called on the Colorado Oil and Gas Conservation Commission to immediately stop considering any applications for wells that are within 2,000 feet of homes and schools, giving the state time to put stronger regulations in place to protect public*

health.

More appropriately, you should pause all new permitting until new rules are established on proper setbacks (scientific-based, not arbitrarily as you have previously established for the objective criteria), financial assurance and bonding rules, and cumulative impacts. Vested rights in a permit cannot override these most important public rights.

You should also call for a halt on active oil and gas operations within 2000 feet of a residence or occupied structure. All of these are absolutely necessary to protect public health, safety and welfare.

To hide behind spin on scientific study and misapplication of the law is a travesty of your role as public servant. As Director of COGCC, please take the correct action under the law, and for the residents of Colorado you are tasked to protect.

Sincerely,
Leslie Weise
Niwot, CO

Weise Consulting & Real Estate Services

From:	Pete Luke
To:	Boulder County Oil and Gas Comment
Subject:	Revisions to Article 12
Date:	Friday, October 25, 2019 6:05:28 AM

Dear Honorable Boulder County Commissioners,

Our hope is that the new revisions to Article 12 will be as strong as possible and will use the full potential of SB19-181 to protect Boulder County. This is an opportunity for Boulder County to lead the state with strong oil and gas regulations.

Please incorporate the following into the Article 12 revisions:

Deny unsafe applications:
The new rules must stipulate conditions for denial of oil and gas development applications to protect public health or the environment, based on scientific information and the precautionary principle.

Protect our Open Space from oil and gas development:
The people vote to buy open space with the clear mandate to protect that land from all future development.

Require Safe Setbacks:
Remember that in 2018 Boulder County voters overwhelmingly favored Proposition 112 in favor of 2,500 foot setbacks.

Keep Operators Responsible for Costs:
The costs of oil and gas operations should not fall to the taxpayers. All operators should be required to pay fees and post bonds sufficient to cover the true costs of accidents, spills, and well abandonment.

Make Air Quality a Priority:
New oil and gas operations should not be allowed as long as Boulder County air quality is already unhealthy for residents.

Require Carbon Offsets:
Climate change is an urgent issue that requires immediate action -- if any drilling is allowed, operators should mitigate the climate impacts of leaked and vented methane, and eventual oil and gas combustion.

Thank you for making Boulder County a leader in Colorado in enacting strong new oil and gas regulations under SB 19-181. We appreciate your hard work on this issue.

Thank you,

-Pete Luke
Boulder County Resident

From: mariheart@everyactionadvocacy.com on behalf of Mari Heart
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, October 31, 2019 2:35:33 PM

Dear Commissioner Deb Gardner,

I have asthma. Breathing easily is not something I take for granted. The air quality on the Front Range is deteriorating. We know why.

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

First, I call for an immediate pause on any further permitting of oil and gas development during the SB 19-181 rulemaking process, and until additional third party studies can show that public health, safety, welfare, and the environment are not being harmed. As Dr. Detlev Helmig’s research shows, benzene and other emissions from fracking know no boundaries and are affecting our air quality and health.

Second, with regard to rulemaking under SB19-181, I urge the following:

- Assess the cumulative impacts of oil and gas fracking and take appropriate action. In light of the substantial body of public health research showing serious harm to people living near fracking operations, the Front Range's F-grade air quality, and the need to transition rapidly off fossil fuels to address the climate crisis, a ban on fracking is warranted.

- At a minimum, responsible leaders must rapidly phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 19-1261.

- Use the precautionary principle: if an action or policy has a reasonable suspected risk of causing severe harm to the public, the action should not be taken in the absence of scientific near-certainty about its safety.

- Fracking should no longer be permitted within 2500' of the places people live, work or play since the recent CDPHE study showed public harm up to the maximum distance studied of 2000', and other research has shown harm beyond 2000’.

- Oppose permits for additional wells near populations where a high density of wells already exist, until it can be proven that there is no increased risk from cumulative impacts of concentrated toxic emission exposures.

- Considering the vast number of fracking companies operating on junk debt or going bankrupt, companies proposing projects must be required to prove financial viability and pay increased bonding of at least $250K per well, with no per-company cap, to provide community funds to clean up and recap wells.

- End exemptions from setbacks and other rules for re-entry of old wells.

- Honor community authority to enhance regulations or adopt local bans. The new definition of the “public interest”

in Colorado, per SB 19-181, is the protection of public health, safety, welfare, and the environment, providing a sound rationale for enacting strong restrictions and/or bans.

- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Ms Mari Heart
1540 Zamia Ave Boulder, CO 80304-4431
mariheart@aol.com

From: klrivero@everyactionadvocacy.com on behalf of Kimberley Rivero
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, October 31, 2019 5:22:34 PM

Dear Commissioner Deb Gardner,

This summer I had to curtail my outdoor workouts many many times due to high ozone levels. I have lung damage from multiple cases of pneumonia and cannot take risks.

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

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- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Ms. Kimberley Rivero
4616 Chatham Pl Boulder, CO 80301-4036
klrivero@hotmail.com

From: suejhiker@everyactionadvocacy.com on behalf of Sue Jackson
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, October 31, 2019 5:24:30 PM

Dear Board Chair Elise Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

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Second, with regard to rulemaking under SB19-181, I urge the following:

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- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Ms. Sue Jackson
3010 Redstone Ln Boulder, CO 80305-7166
suejhiker@gmail.com

From: davidchernikoff@everyactionadvocacy.com on behalf of David Chernikoff
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, October 31, 2019 5:46:24 PM

Dear Commissioner Deb Gardner,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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Second, with regard to rulemaking under SB19-181, I urge the following:

- Assess the cumulative impacts of oil and gas fracking and take appropriate action. In light of the substantial body of public health research showing serious harm to people living near fracking operations, the Front Range's F-grade air quality, and the need to transition rapidly off fossil fuels to address the climate crisis, a ban on fracking is warranted.

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Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mr. David Chernikoff
255 Pawnee Dr Boulder, CO 80303-3730
davidchernikoff@icloud.com

From: lon.a.goldstein@everyactionadvocacy.com on behalf of Lon Goldstein
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, October 31, 2019 6:25:54 PM

Dear Commissioner Deb Gardner,

Please take action in alignment with SB19-181. The COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mr. Lon Goldstein
4602 Chatham Pl Boulder, CO 80301-4036
lon.a.goldstein@gmail.com

From: lglustrom@everyactionadvocacy.com on behalf of Leslie Glustrom
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, October 31, 2019 11:43:23 PM

Dear Commissioner Deb Gardner,

I am chemically sensitive after having too much exposure to benzene and other volatile organic chemicals earlier in my life and already suffer from the VOC in Boulder County! My husband and I often talk about leaving--even though we are very engaged and committed to Boulder and Colorado--but my health is a very serious issue. Please take this seriously. So many families have suffered even more than I do and they have children who are being exposed to chemicals that we know have serious adverse impacts!

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Ms. Leslie Glustrom
4492 Burr Pl Boulder, CO 80303-1115
lglustrom@gmail.com

From: jmarienthal@everyactionadvocacy.com on behalf of Jacob Marienthal
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Friday, November 01, 2019 12:28:49 AM

Dear Board Chair Elise Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

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- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mr. Jacob Marienthal
1385 Brown Cir Boulder, CO 80305-6724
jmarienthal@gmail.com

From: grafflings@everyactionadvocacy.com on behalf of Shira Graff
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Friday, November 01, 2019 10:07:53 AM

Dear Commissioner Matt Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

First, I call for an immediate pause on any further permitting of oil and gas development during the SB 19-181 rulemaking process, and until additional third party studies can show that public health, safety, welfare, and the environment are not being harmed. As Dr. Detlev Helmig's research shows, benzene and other emissions from fracking know no boundaries and are affecting our air quality and health.

Second, with regard to rulemaking under SB19-181, I urge the following:

- Assess the cumulative impacts of oil and gas fracking and take appropriate action. In light of the substantial body of public health research showing serious harm to people living near fracking operations, the Front Range's F-grade air quality, and the need to transition rapidly off fossil fuels to address the climate crisis, a ban on fracking is warranted.

- At a minimum, responsible leaders must rapidly phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 19-1261.

- Use the precautionary principle: if an action or policy has a reasonable suspected risk of causing severe harm to the public, the action should not be taken in the absence of scientific near-certainty about its safety.

- Fracking should no longer be permitted within 2500' of the places people live, work or play since the recent CDPHE study showed public harm up to the maximum distance studied of 2000', and other research has shown harm beyond 2000'.

- Oppose permits for additional wells near populations where a high density of wells already exist, until it can be proven that there is no increased risk from cumulative impacts of concentrated toxic emission exposures.

- Considering the vast number of fracking companies operating on junk debt or going bankrupt, companies proposing projects must be required to prove financial viability and pay increased bonding of at least $250K per well, with no per-company cap, to provide community funds to clean up and recap wells.

- End exemptions from setbacks and other rules for re-entry of old wells.

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mrs. Shira Graff
7619 Aberdeen Way Boulder, CO 80301-4045
grafflings@gmail.com

From: karaokegal71@everyactionadvocacy.com on behalf of Catherine Griesbach
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Friday, November 01, 2019 10:31:09 AM

Dear Commissioner Deb Gardner,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mrs. Catherine Griesbach
2503 Pheasant Dr Longmont, CO 80503-7951
karaokegal71@yahoo.com

From: m.mcnellan@everyactionadvocacy.com on behalf of Mary Reilly-McNellan
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Friday, November 01, 2019 11:01:51 AM

Dear Commissioner Deb Gardner,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

I suffer from asthma, and have definitely seen an uptick in my respiratory symptoms these past few years. People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

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- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

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Sincerely,
Ms. Mary Reilly-McNellan
4633 Jameston St Boulder, CO 80301-4220
m.mcnellan@msn.com

From: snowdropplets@everyactionadvocacy.com on behalf of mh robertson
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Friday, November 01, 2019 11:57:20 AM

Dear Board Chair Elise Jones,

We have enough health polluting things going on already. Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
mrs mh robertson
10 James Cir Longmont, CO 80501-6805
snowdropplets@yahoo.com

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1241] - [Name: Sweeney, Mike] Re: new ddrilling permits in Boulder County
Date: Tuesday, November 05, 2019 1:42:03 PM

Name *	Mike Sweeney
Email *	info@cogswatch.org
Organization (optional)	cogswatch.org
Address or General Area (optional)	1001 Arapahoe Ave Boulder, CO 80302 United States
Subject *	new ddrilling permits in Boulder County
Comments, Question or Feedback *	Hello – (see attached image) We altered https://www.cogswatch.org/county/bouldercounty-co/ to show permits and pending permits (green and white markers with tooltips) by default. This is a convenient way to keep yourself apprised of imminent new drilling activity in Boulder County. Suggestions welcome. Mike Sweeney
Attach a File (optional)	screencapture.png 141.57 KB · PNG
Please check box below *	• I acknowledge receipt of the Open Records Notification

From: sansoucci@everyactionadvocacy.com on behalf of Pete Luke
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Wednesday, November 06, 2019 5:56:35 AM

Dear Commissioner Deb Gardner,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mr Pete Luke
1155 Village Cir Erie, CO 80516-7031
sansoucci@yahoo.com

From: slenchner67@everyactionadvocacy.com on behalf of Sarah Rosenberg
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Wednesday, November 06, 2019 8:27:46 AM

Dear Board Chair Elise Jones,

In theory elected officials and regulators have a responsibility to ensure public health and safety following the passing of SB181. This past summer I developed ASTHMA! At my age! Non smoker healthy everything. Air quality warnings everyday in the front range. Doctors telling me they see more and more of unexplained asthma but have no way to collect and report this information. That must change. Climate Crisis is going to affect so many of us in unknown ways. Extraction MUST STOP.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

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- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Ms. Sarah Rosenberg
1609 Cottonwood Dr Apt 10 Louisville, CO 80027-2806
slenchner67@gmail.com

From: tamaralgraff@everyactionadvocacy.com on behalf of Tamara Graff
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Wednesday, November 06, 2019 3:42:18 PM

Dear Board Chair Elise Jones,

My husband and I are choosing to move to Boulder County in order to be safer from this harmful act. Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

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Sincerely,
Mrs. Tamara Graff
629 Stonebridge Dr Longmont, CO 80503-7779
tamaralgraff@gmail.com

From: keng4java@everyactionadvocacy.com on behalf of Ken Gamauf
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Wednesday, November 06, 2019 4:21:23 PM

Dear Board Chair Elise Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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Sincerely,
Mr. Ken Gamauf
1670 Dogwood Ln Boulder, CO 80304-1525
keng4java@netscape.net

From: pialoeb@everyactionadvocacy.com on behalf of Pia Loeb
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, November 14, 2019 6:39:00 AM

Dear Commissioner Deb Gardner,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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- Assess the cumulative impacts of oil and gas fracking and take appropriate action. In light of the substantial body of public health research showing serious harm to people living near fracking operations, the Front Range's F-grade air quality, and the need to transition rapidly off fossil fuels to address the climate crisis, a ban on fracking is warranted.

- At a minimum, responsible leaders must rapidly phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 19-1261.

- Use the precautionary principle: if an action or policy has a reasonable suspected risk of causing severe harm to the public, the action should not be taken in the absence of scientific near-certainty about its safety.

- Fracking should no longer be permitted within 2500' of the places people live, work or play since the recent CDPHE study showed public harm up to the maximum distance studied of 2000', and other research has shown harm beyond 2000'.

- Oppose permits for additional wells near populations where a high density of wells already exist, until it can be proven that there is no increased risk from cumulative impacts of concentrated toxic emission exposures.

- Considering the vast number of fracking companies operating on junk debt or going bankrupt, companies proposing projects must be required to prove financial viability and pay increased bonding of at least $250K per well, with no per-company cap, to provide community funds to clean up and recap wells.

- End exemptions from setbacks and other rules for re-entry of old wells.

- Honor community authority to enhance regulations or adopt local bans. The new definition of the "public interest" in Colorado, per SB 19-181, is the protection of public health, safety, welfare, and the environment, providing a sound rationale for enacting strong restrictions and/or bans.

- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mrs. Pia Loeb
3701 Paonia St Boulder, CO 80301-3755
pialoeb@gmail.com

From:	Leslie Weise
To:	Boulder County Board of Commissioners; Pearlman, Ben; Hughes, David; Burke, Kate A.; Sanchez, Kimberly
Cc:	Joe Salazar
Subject:	Update on Longmont Fracking Ban Legal Case
Date:	Thursday, November 14, 2019 5:02:41 PM
Attachments:	Adams 12 Amicus - final.pdf Boulder County analysis Longmont case and Ban vff 100319.pdf

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Hi Commissioners, Legal and Regulatory Folks at Boulder County,

I learned from Joe Salazar that last week the judge in the *Our Longmont* case accepted the amicus brief from Adams 12. If there was a hesitation by Boulder County about filing an amicus in fear it might not be accepted, that is no longer a worry. I have attached the Adams 12 amicus brief here for your reference. If you would like any of the other court filings sent to you, please let me know. I have also included again for your reference, a summary compiled on why a ban is no longer preempted by the state.

It would be very meaningful and potentially impactful for Boulder County to also support this extremely important case through an amicus brief. As you know, this initiative for ban passed in Longmont by a significant margin. Together with the overwhelming overall support in the County for Proposition 112, it is clear that fracking has no place here. Filing an amicus would show support for the courageous individuals who are asking the court for clarification on this matter, in the post-181 regulatory world.

Your support for this case is requested. If it is necessary for the Commissioners to hold a vote on this, I specifically request that you do so at your earliest possible opportunity.

Thank you for your consideration of this request.
Best regards,
Leslie Weise
Niwot 80504

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF COLORADO

Civil Action No. 19-cv-00190-RBJ-NYW

WILDGRASS OIL AND GAS COMMITTEE,

Plaintiff

v.

STATE OF COLORADO; JARED S. POLIS, in his official capacity as Governor of the State of Colorado; COLORADO OIL AND GAS CONSERVATION COMMISSION; and JEFFREY ROBBINS, in his official capacity as Acting Director of the Colorado Oil and Gas Conservation Commission,

Defendants.

AMICUS CURIAE BRIEF OF THE BOARD OF EDUCATION, ADAMS 12 FIVE STAR SCHOOLS, IN SUPPORT OF THE PLAINTIFFS

Comes now the Board of Education for the Adams 12 Five Star Schools and submits this Amicus Curiae Brief in support of the Plaintiff.

Certificate of Compliance

Although amicus briefs submitted to the District Court are not directly governed by Colorado Appellate Rules, this brief nevertheless complies with C.A.R. 29 and C.A.R. 32, including formatting requirements set forth in these rules. Specifically, the undersigned certifies that the amicus brief complies with the applicable word limit set forth in C.A.R. 29(d). It contains 1,343 words and the amicus brief complies with the content and form requirements set forth in C.A.R. 29(c).

s/ Katherine Merlin

TABLE OF CONTENTS

Page(s)

AMICUS CURIAE CERTIFICATE OF COMPLIANCE i

TABLE OF CONTENTS ii

TABLE OF AUTHORITIES iii

INTEREST OF THE AMICUS CURIAE 1

STATEMENT OF THE CASE 3

ARGUMENT 4

I. *Colorado's involuntary mineral pooling statute unconstitutionally deprives mineral owners of their ability to fully and freely weigh competing interests in mineral development against other important considerations such as health and safety, freedom of association, potential financial liability,* in loco parentis *duties to students, and fiduciary duties to manage assets.*

CONCLUSION 6

TABLE OF AUTHORITIES

Cases

Morse v. Frederick, 127 S.Ct 2618, 551 U.S. 393, 413 (2007). 5

Statutes

§ 22-32-101, C.R.S. 1

§ 22-32-112, C.R.S.. 1

§ 22-32-111, C.R.S. 6

Rules

C.A.R. 29 i

C.A.R 32 i

Other Authorities

Adams 12 Operating Limitation 2.1(6), rev'd June 21, 2017 2

Adams 12 Operating Limitation 2.5(8), rev'd Mar. 5, 2014. 2

SB 18-230, Modify Laws Drilling Units Pooling Orders 5

Adams 12 Oil and Gas FAQ 5

The Board of Education for Adams 12 Five Star Schools respectfully submits its Amicus Curiae Brief by Motion to the Court.

INTEREST OF THE AMICUS CURIAE

The Board of Education for Adams 12 Five Star Schools ("Adams 12") is an elected board of a school district of the state of Colorado pursuant to C.R.S. § 22-32-101 *et seq*. The Adams 12 Five Star Schools are dedicated to creating a safe, caring, and engaging learning environment for all of its nearly 40,000 students in Broomfield, Federal Heights, Northglenn, Thornton and Westminster. It encompasses more than 50 schools, a technical education center, and an adult education center.

Colorado school districts are empowered to lease their oil and gas resources pursuant to C.R.S. § 22-32-112, to lease their property for oil and gas exploration, development, or production purposes, "upon such terms and conditions as may be prescribed and contracted by the board in the exercise of its best judgment as the board deems to be for the best interests of the district . . .." This statute mandates specific minimum lease terms, including royalties of not less than 12 ½% of all oil and gas produced, saved, and sold, or the gross production value thereof from all lands corresponding to the interest of the district if such interest is less than a full interest in the land described in the lease. *Id*. Adams 12 has a Board Policy to protect its physical assets, including policies requiring any lease of its property to consider

the needs and preferences of its local school communities and other related parties, to protect against unanticipated or unintended costs, and to ensure that such property will not be rendered unsafe, inaccessible, or dysfunctional. Adams 12 Operating Limitation 2.5(8), rev'd Mar. 5, 2014. Adams 12 also has a Board Policy to ensure its facilities are operated safely for the benefit of students, their families, and community members. Adams 12 Operating Limitation 2.1(6), rev'd June 21, 2017.

Over the past five years, Adams 12 has struggled with oil and gas development issues since it was first approached in 2014 by Synergy Resources Corporation (SRC Energy) to lease minerals under Century Middle and Horizon High Schools. It was the first time Adams 12 realized it owned mineral rights and could be approached about their development. That first 2014 offer to lease introduced the District to the complexity of mineral rights ownership. Far from being a typical business decision, it required District and Board action on decisions not directly related to its expertise of providing high quality education to students, and put the District in the middle of a broader controversy on the expansion of oil and gas drilling into suburban and metro areas. The leases which Adams 12 approved in 2015, under duress and upon the advice of counsel, evoked public outcry from local community members and school families, who were concerned about the location of the proposed well pads (a residential area across from Rocky Top Middle School); the possible impact of

fracking under Century Middle School, and the health and safety impacts of oil and gas drilling near residential areas and schools.

Adams 12 was again approached in 2017 to sign mineral leases under Horizon High School, which again ignited public concern and the receipt of a petition signed by 371 residents asking Adams 12 to refuse to sign leases. In 2018, Adams 12 was approached with offers to lease mineral rights under two of its elementary schools, Coyote Ridge and Prairie Hills. After performing due diligence, obtaining expert legal advice, and discussing the issues at several public hearings, the Board ultimately decided that leasing the minerals was preferable to the forced pooling that by all estimates was essentially guaranteed as the alternative.

STATEMENT OF THE CASE

Colorado's involuntary pooling statute unduly burdens mineral owners such as Colorado's school districts, by depriving them of their ability to freely and fairly negotiate contract terms, or to weigh competing interests such as the health and safety of a vulnerable youth population under their care *in loco parentis* and the financial responsibilities to manage property. Additionally, Colorado statutes governing the leasing of mineral interests by school districts creates the potential for conflict with the statutes governing involuntary pooling.

ARGUMENT

Colorado's involuntary pooling statutes allow oil and gas operators to involuntarily pool non-consenting mineral owners after they have rejected a "reasonable offer" to lease, which is measured by the terms under which other mineral owners in a defined area have leased their minerals. The statute allows operators to send a single offer, which is typically accompanied by a letter informing mineral owners that if they refuse to sign the offer the operator will simply involuntarily pool them pursuant to statute, which will subject them to a 200% penalty. This power warps the typical contract-formation process. Amicus is unaware of any other context in which an offer to voluntarily form a contract can be simultaneously accompanied by a threat of substantial penalties for refusal, including an involuntary formation of a different contract with many of the same consequences.

Under the involuntary pooling statute there is no right for negotiations or counteroffers. Under Colorado Oil and Gas Conservation Commission rules, mineral owners have little time to obtain appraisal of mineral value and legal advice. Mineral owners such as Adams 12 are presented with an offer to lease which typically provides a certain number of days by which they must accept or reject the offer. Although the statute requires a minimum of 60 days from the tender of the offer to the Commission hearing, it does not require that the operator hold open the lease

offer for the entire 60-day period. Some operators have tendered offers that expired within 15 days of receipt.

As a school district, Amicus must evaluate numerous competing factors when weighing a decision to accept or reject a lease offer. School districts have obligations to manage school property as well as to protect the health, safety, and welfare of their student bodies and staff, including a special common law duty to protect children *in loco parentis. See Morse v. Frederick*, 127 S.Ct 2618, 551 U.S. 393, 413 (2007). School districts such as Adams 12 also consider the wishes of the families when making leasing decisions. Adams 12 school district has also had to evaluate potential liability from involuntarily pooled oil and gas operations, which changed somewhat in 2018 with the enactment of SB 18-230. However even after those amendments, the district remains potentially liable for plugging, abandonment, and clean-up costs, leaving many fiscal concerns unaddressed. As oil and gas operations come close to schools, Adams 12 schools have engaged in special emergency planning and educational efforts relating to the safety threats posed by oil and gas operations. *See, e.g.,* Adams 12 Oil and Gas FAQ, available at https://www.adams12.org/sites/default/files/uploads/documents/Oil%20%26%20Gas%20FAQ.pdf. There are numerous safety concerns beyond the fracking operation itself that the district must contend with and plan for such as increased truck and

heavy equipment traffic near schools. These additional impacts could affect bus routes, emergency evacuations, and other aspects of student safety.

Adams 12 has now signed multiple oil and gas leases for its mineral interests under many of its schools, after receiving legal advice and considering all of the competing interests. However, the amount of duress under which the district was placed leading up to those decisions was considerable and in the absence of such coercion a different outcome was likely.

CONCLUSION

As a school district of the State of Colorado, with its own power of eminent domain pursuant to COLO. REV. STAT. § 22-32-111, as well as fiscal and health and safety responsibilities, it is hard to conceive how private businesses have been given the power to coerce and strong-arm the Adams 12 school district into accepting contract offers it did not want under terms it did not think were prudent. Adams 12 believes the involuntary pooling statute should be invalidated by this court as unduly coercive, and potentially in conflict with other statutory provisions governing the use of school property under Colorado law.

Respectfully submitted this 5th day of September 2019, by:

/s Katherine Merlin
Katherine Merlin
Katherine Merlin, CO Bar No. 45672
Colorado Environmental Advocates
3100 Arapahoe Ave., Ste. 410
Boulder, CO 80303

CERTIFICATE OF SERVICE

I hereby certify that on September 5th, 2019, I electronically filed the foregoing MOTION FOR LEAVE TO FILE AMICUS CURIAE BRIEF OF THE BOARD OF EDUCATION, ADAMS 12 SCHOOL FIVE STAR DISTRICT, IN SUPPORT OF THE PLAINTIFF using the court's CM/ECF system, which will send notifications of such filing to the following addresses:

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/s Katherine Merlin
Katherine L.T. Merlin

This overview analyzes the question of whether the Supreme Court decision in *City of Longmont* is now superseded with changes made to the Colorado Oil and Gas Conservation Act via Senate Bill 19-181 signed into law in April 2019, regarding whether a local municipal ban is in operational conflict with state law.

Table of Contents

1. **Introduction.**
2. **Substantive Changes to the Colorado Oil and Gas Conservation Act by SB 19-181.**
3. **How does SB 19-181 affect *City of Longmont* Colorado Supreme Court analysis.**
4. **COGA makes disingenuous arguments in the recently filed Motion for Reconsideration to reopen the *City of Longmont* case. Motion and Response by *Our Longmont* are attached.**
5. **Conclusion: The 'state interest' in oil and gas 'development' is substantively altered by SB 19-181 such that Longmont's ban on fracking, etc. is no longer preempted by state law.**

1. Introduction:

In 2016, the Colorado Supreme Court concluded in *City of Longmont et al. v. COGA et al., 2016 CO 29,* that the City of Longmont's voter-approved ban on hydraulic fracturing "fracking" and the storage and disposal of fracking wastes within its city limits was preempted by state law, and therefore was invalid and unenforceable. The Supreme Court found there to be operational conflict between the Longmont Charter, Article XVI, and the Oil and Gas Conservation Act ("Act").

On April 16, 2019, Governor Jared S. Polis signed into law SB 19-181. Through numerous substantive legislative changes made by SB 19-181 to the Act, the **state's interest in oil and gas resource development was redefined**, thereby effectively eliminating the prior operational conflict.

The legislative bill summary of SB 19-181 explains that the "public interest" regarding oil and gas development is now altered and redefined in the law, such that the protection of public safety, health, welfare, and the environment is now to be recognized as the preeminent interest of the state, over any other economic, social or other consideration concerning oil and gas regulation:

> *The act prioritizes the protection of public safety, health, welfare, and the environment in the regulation of the oil and gas industry by modifying the oil and gas statutes and by clarifying, reinforcing, or establishing various aspects of local governments' regulatory authority over the surface impacts of oil and gas development. …*

The legislative declaration for the Act [previously] states that it is in the public interest to "foster" the development of oil and gas resources in a manner "consistent" with the protection of ***public health, safety, and welfare, including protection of the environment and wildlife resources****; this has been construed to impose a balancing test between fostering oil and gas development and protecting public health, safety, and welfare. Section 6 [of SB 19-181 that modifies the Act] states that the* ***public interest is [now changed] to "regulate" oil and gas development to "protect" those values****.*

https://leg.colorado.gov/bills/sb19-181 (emphasis in bold, added).

Specific changes to the Act that support this redefined state interest are set forth in Section 2, below.

2. SB 19-181 Substantive Changes to the Act that Redefined the State's Interest in Oil and Gas Development and Regulation:

SB 19-181 fundamentally changed the Act through **at least seven substantive topics,** A-G listed below, thereby redefining the state's prior longstanding stated interest in fostering oil and gas resource development. Emphasis has been added in bold throughout this summary to highlight this newly defined state interest.

A. The legislative declaration of the Act has been changed from:

Pre-SB181: declaring the public interest was to "*foster*" the development of oil and gas resources in a manner "*consistent*" with the protection of public health, safety, welfare, the environment and wildlife resources; to

Post- SB181: "*be in the public interest and the commission is directed to: (I)* ***Regulate*** *the development and production of the natural resources of oil and gas in the state of Colorado* ***in a manner that protects public health, safety, and welfare, including protection of the environment and wildlife resources****…*"

§ 34-60-102

Additionally, under § 34-60-106(2.5)(a), the redefined state interest is directed to the COGCC "commission" with further instruction:

> "*In exercising the authority granted by this article 60, the commission* ***shall regulate*** *oil and gas operations* ***in a reasonable manner to protect and minimize adverse impacts to public health, safety, and welfare, the environment, and wildlife resources*** *and* ***shall protect against adverse environmental impacts on any air, water, soil, or biological resource resulting from oil and gas operations****.*"

B. The "intent and purpose" of the Act also has been changed, from being conditioned upon:

Pre- SB181: "*the prevention of waste*" to:

Post- SB181: *"**the protection of** public health, safety, and welfare, the environment, and wildlife resources and the prevention of waste as set forth in Section 34-60-106 (2.5) and (3)(a) …".*

§ 34-60-102(1)(b)

Herein lies also lies another critical distinction further detailed in C., below. Prior to SB181, waste of oil and gas resources through nonproduction was not permitted, except under limited exceptions. However, the new law removed this pro-development provision, and now establishes that non-production of oil and gas is permitted and even required, as a condition of the public interest and priority of protecting public health, safety, welfare, the environment and wildlife resources. Nonproduction is no longer considered "waste" under this condition.

> *"**The nonproduction of oil and gas** resulting from a conditional approval or denial authorized by this subsection (2.5) **does not constitute waste**."*
>
> § *34-60-106 (2.5)(b);* See also the change in definition of "waste", #3, below.

The legislative declaration "intent and purpose" now reads:

> *"It is the intent and purpose of this article 60 to permit each oil and gas pool in Colorado to produce up to its maximum efficient rate of production, **subject to the protection of public health, safety, and welfare, the environment, and wildlife resources and the prevention of waste as set forth in section 34-60-106 (2.5) and (3)(a)**, and subject further to the enforcement and protection of the coequal and correlative rights of the owners and producers of a common source of oil and gas, so that each common owner and producer may obtain a just and equitable share of production from the common source."*
>
> *§ 34-60-102(1)(b)*

Notably, the term "**subject to**" is operative and makes **any** oil and gas development conditioned upon **the protection of** public health, safety, welfare, the environment, and wildlife resources.

"**Subject to**" is defined legally as: *Subject to means conditional or being dependent upon something.*

https://definitions.uslegal.com/s/subject-to/

In practical effect, the "protection of public health, safety, and welfare, the environment, and wildlife resources" is a condition precedent for the "maximum efficient rate of production" for "each oil and gas pool in Colorado" -- which is no longer required if its condition precedent is not met.

C. The "prevention of waste" from nonproduction is no longer paramount over all other considerations. SB181 specifically modified this former directive in § 34-60-106 (2.5)(b):

> *"**The nonproduction of oil and gas** resulting from a conditional approval or denial authorized by this subsection (2.5) **does not constitute waste**."*

Pre- SB181: The Act defined "waste" to include a diminution in the quantity of oil or gas that ultimately may be produced, and waste of oil and gas resources was prohibited.

Post- SB181: Non-production of oil and gas resources is now allowable and required by the law (i.e. is no longer considered to be "waste"), if such non-production is necessary to protect public health, safety, welfare, the environment, or wildlife resources, as determined by the commission.

§ *34-60-103 (11)-(13)*

D. Additional support is provided for the redefined state interest that regulation of oil and gas operations is **subject to** the protection of public health, safety, welfare, the environment and wildlife resources, i.e. above all other considerations, economic, financial or otherwise:

Pre-181: The Commission was required to consider "cost effectiveness" and "technical feasibility" in its regulatory responsibilities while directed to "foster" the oil and gas industry.

Post-181: Specifically eliminated by SB 19-181 was this requirement that the Commission consider "cost effectiveness" and "technical feasibility". Under the Commission's new mandate and directive to prioritize public health, safety, welfare, the environment and wildlife resources, cost-effectiveness and technical feasibility need no longer be considered in regulation of oil and gas operations.

SB 19-181 Sections 7, 12; *§§ 34-60-103 (5.5), 34-60-106(2.5)(a)*
https://leg.colorado.gov/sites/default/files/2019a_181_signed.pdf

E. Greatly expanded categorical protections from oil and gas operations are now afforded throughout the Act:

Pre- SB181: The requirement to "minimize adverse impacts" was limited to **wildlife only**.

Post- SB181: The requirement to "minimize adverse impacts" is now significantly enhanced by SB 19-181 to also require the Commission "*regulate oil and gas operations in a reasonable manner to protect and minimize adverse impacts to **public health, safety, and welfare, the environment, and wildlife resources**".*

Additionally established by SB 19-181 is the mandate that the Commission *"**shall protect against adverse environmental impacts on any air, water, soil, or biological resource resulting from oil and gas operations**.*"

SB 19-181 Sections 7, 12; *§§ 34-60-106(2.5)(a); 34-60-103 (5.5)*
https://leg.colorado.gov/sites/default/files/2019a_181_signed.pdf

a. Definition of "protect": to defend or guard from attack, invasion, loss, annoyance, insult, etc.; cover or shield from injury or danger.
b. Definition of "mimimize": to reduce to the smallest possible amount or degree. Dictionary.com

F. In addition to stricter regulatory oversight requirements mandated for the Commission, much of the Commission's previous regulatory authority over oil and gas operations has been curtailed by SB181. Importantly, local governments have new and broad superseding land use authority over oil and gas operations:

Pre- SB181: Local governments did not have significant regulatory authority over their land use concerning oil and gas operations; this fell under the regulatory authority of the Commission.

Post- SB181: Local governments now have overriding regulatory land use authority concerning oil and gas operations.

34-60-131. No land use preemption. Local governments and state agencies, including the commission and agencies listed in section 34-60-105 (1)(b), have regulatory authority over oil and gas development, including as specified in section 34-60-105 (1)(b). ***A local government's regulations may be more protective or stricter than state requirements****.*

34-60-127(4)(c) ***Nothing in this section shall****: (c) Establish, alter,* ***impair, or negate the authority of local and county governments to regulate land use related to oil and gas operations****.*

34-60-105(V). ***Nothing in this article 60 alters, impairs, or negates the authority of: (V) A local government to regulate oil and gas operations*** *pursuant to section 29-20-104.*

The most relevant sections of Colo. Rev. Stat. § 29-20-104 (incorporated above) concerning oil and gas regulations include (a), (b), (g) and (h):

Each local government within its respective jurisdiction has the authority to plan for and regulate the use of land by*:*

(a) *Regulating development and activities in hazardous areas;*

(b) Protecting lands from activities which would cause immediate or foreseeable material danger to significant wildlife habitat and would endanger a wildlife species*;*

…

(g) *Regulating the use of land* ***on the basis of the impact of the use on the community or surrounding areas****;*

(h) *Regulating the surface impacts of oil and gas operations in a reasonable manner to address matters specified in this subsection (1)(h) and* ***to protect and minimize adverse impacts to public health, safety, and welfare and the environment****. Nothing in this subsection (1)(h) is intended to alter, expand, or* ***diminish the authority of local governments to regulate air quality under section 25-7-128****. For purposes of this subsection (1)(h), "minimize adverse impacts" means,* ***to the extent necessary and reasonable, to protect public health, safety, and welfare and the environment by avoiding adverse impacts from oil and gas operations and minimizing and mitigating the extent and severity of those impacts that cannot be avoided****. The following matters are covered by this subsection (1)(h):*

(I) Land use*;*

(II) The location and siting of oil and gas facilities and oil and gas locations*, as those terms are defined in section 34-60-103 (6.2) and (6.4);*

(III) *Impacts to public facilities and services;*

(IV) Water quality and source, noise, vibration, odor, light, dust, air emissions and air quality, land disturbance, reclamation procedures, cultural resources, emergency preparedness and coordination with first responders, security, and traffic and transportation impacts*;*

(V) Financial securities, indemnification, and insurance *as appropriate to ensure compliance with the regulations of the local government; and*

(VI) *All other* ***nuisance-type effects*** *of oil and gas development; and*

(i) *Otherwise planning for and regulating the use of land so as to* ***provide planned and orderly use of land and protection of the environment in a manner consistent with constitutional rights****.*

See also *§ 29-20-104 (2) and (3)*.

The Act now contains support for a local government ban on fracking, under its new sweeping land use authority that allows for stricter regulations concerning oil and gas operations than otherwise required by the state. There is no requirement that local governments consider cost-

effectiveness, and no requirement that they consider technical feasibility of necessary and reasonable regulations for oil and gas operations in land use planning.

The restrictions upon local governments' new authority for land use regulation concerning oil and gas are now: a) the redefined public interest that any oil and gas regulations are **subject to** the protection of public health, safety, welfare, the environment, or wildlife resources, and b) that local regulations may not be less protective than state regulations. The Act expressly references this floor, however, omitted from any language in the Act is a ceiling of a local government's authority, i.e. there is no indication that a ban would be prohibited if that local government determined it necessary to protect public health, safety, welfare, environment or wildlife resources. The harmful impacts of fracking on each of these categories are now established through peer-reviewed scientific studies, and thus support a local government's ban on fracking as reasonable and necessary to protect public health, etc.

G. Much more of the Commission's previous authority was also abdicated to other agencies of the government.

Pre-181: Most regulatory authority over oil and gas resource development was held by the COGCC Commission, under its former directive to "foster" that industry.

Post-181: Many exclusive regulatory authorities the Commission previously held were specifically reassigned to and/or are now shared with, including local governments, the state's air quality control commission, its water quality control commission, the state board of health, and the solid and hazardous waste commission.

SB 19-181 Section 11; *CRS § 34-60-105 (1)(b)*

In addition, the Commission is now **required to "evaluate and address the cumulative impacts of oil and gas development" with the Department of Public Health and Environment**, whereas prior to SB181 there was no such requirement to collaborate on this broad topic.

SB 19-181 Section 12; *CRS § 34-60-106 (11)(c)(II)*

3. How does SB181 affect *City of Longmont's* Supreme Court analysis

<u>The 'State Interest' has been redefined by SB181.</u>

The Colorado Supreme Court in the *City of Longmont* case concluded that the state's interest in the "efficient and responsible development of oil and gas resources" including a "strong interest in the uniform regulation of fracking" preempts a local government's ability to implement an outright ban on fracking.

However, as outlined above, the substantive changes to the Act through the implementation of SB 19-181 in April, 2019 make clear that the state's interest has been **redefined to prioritize and condition the regulation of oil and gas operations on the protection of public health, safety, welfare, the environment and wildlife resources, above all other economic, social or other considerations**.

Neither can the state be considered to have a "strong interest" on "uniform regulation of fracking" since the Act now allows local governments to control and implement their own, unique land use regulations, that "may be more protective or stricter than state requirements." ***§*** *34-60-105 (1)(b).*

Because the operational conflict found by the *Longmon*t Court was eliminated by SB181 in the Oil and Gas Conservation Act through the newly defined 'public interest' of the state, and further since the "intent and purpose" of the Act has been significantly altered, Longmont's voter approved charter for a ban on hydraulic fracturing, etc. must be reinstated. Support for a ban by Boulder County is now legally supported in Colorado under the Act.

The Supreme Court's reliance on *Voss v. Lundvall Bros.* is now superseded under the updated oil and gas law (Act).

In *City of Longmont*, the Supreme Court relied on the *Voss* case, 830 P.2d 1061, in its operational conflicts preemption analysis. However, the substantive changes that SB181 made to the Act (listed above), make clear that *Voss* can no longer be relied upon in a judicial analysis for preemption.

> *"Thus, we held in Voss, 830 P.2d at 1068, that the City of Greeley's total ban on the drilling of any oil, gas, or hydrocarbon wells within the city was invalid because such a ban substantially impeded* ***the state's interest in fostering the efficient development and production of oil and gas resources in a manner that prevents waste*** *and that furthers the correlative rights of owners and producers to a just and equitable profit share." (emphasis added to terms that have been substantively modified by SB 19-181, and are no longer applicable)*
>
> *City of Longmont*, 369 P.3d at 582.

What had formerly been established as the Act's priority and public interest – the fostering the oil and gas industry at nearly any economic, social or environmental cost – has now been **completely redefined** through SB181's substantive modifications to the Act, and therefore neither *Voss*, nor *City of Longmont* is authoritative on this subject.

Local interest and state interest concerning oil and gas operations regulation are now harmonized.

The Supreme Court in *City of Longmont* declared:

> *"For the sake of clarity and consistency, we will analyze an operational conflict by considering whether the effectuation of a local interest would materially impede or destroy a state interest,*

recognizing that a local ordinance that authorizes what state law forbids or that forbids what state law authorizes will necessarily satisfy this standard".

Id. at 582.

Since SB181 **redefined the 'state interest'**: that oil and gas development **shall be regulated subject to the protection of public health, safety, welfare, environment and wildlife resources**, the state interest is now complementary with Longmont's decision to implement a ban for those very same reasons. Longmont's ban can no longer be determined that it will materially impede or destroy that 'state interest', but rather should be regarded as ensuring the City of Longmont's compliance with the law. Neither can it be found that state law (i.e. the Act) forbids what the local government determines to be necessary and reasonable in order to comply with the Act, i.e. to prioritize and protect public health, safety, welfare, the environment and wildlife resources through a ban on a heavy industrial operation that indisputably widely emits toxic chemicals and causes pollution to air, water, soil, plants, wildlife and people.

Much scientific support exists for "Our Longmont" and also for the 60% of Longmont residents who, in 2012 voted to implement this fracking ban in its municipal charter, that such a ban is "reasonable" and also "necessary" to protect public health, safety, the environment and wildlife. One need only review the increasing volumes of compendium of scientific studies that document and confirm the significant toxic pollution and adverse impacts that result from fracking operations. This collection of peer-reviewed data includes studies from university, government and federal research laboratories in Boulder County, in addition to other institutions in Colorado, the U.S. and abroad. These studies show that babies are born with lasting illnesses, adults die prematurely, and others between those two categories of people, acquire respiratory, heart, pulmonary, neurological and other illnesses including cancer, as a result of their proximity to oil and gas operations. Until oil and gas operations are conducted without toxic emissions and other disturbances that cause very real adverse impacts to public health, safety, and welfare and the environment, it is within a local governments' right and authority under the Act to implement a ban under its new land use regulatory authority in order to protect its residents, their welfare and safety, its wildlife, and the environment. Indeed, under the Colorado Constitution, government has an obligation to protect our inalienable rights, and defend our "lives and liberties" in this manner. See Colo. Const. art. II, § 3.

4. COGA makes disingenuous arguments in its recently filed Motion for Reconsideration.

Reference COGA Motion for Reconsideration and Our Longmont's responsive motion, both filed in September 2019. COGA improperly claims SB181 amended relevant portions of the Act "only slightly", among other disingenuous assertions to distract from the reality of all the substantive changes listed above. Our Longmont's response to these assertions, and the changes to the Act outlined above, instruct the public properly. Ref. *COGA Motion for Reconsideration*, page 5*; Our Longmont Response to Motion,* both motions included as separate attachments.

5. Conclusion: The 'state interest' in oil and gas 'development' is substantively altered by SB181 such that a local government's decision to ban fracking must be viewed in compliance with the Act, and is no longer preempted by state law.

The Supreme Court in the *City of Longmont* case concluded that the state's interest in the "efficient and responsible development of oil and gas resources" including a "strong interest in the uniform regulation of fracking" preempts a local government's ability to implement an outright ban on fracking.

However, as outlined above, the Count's analysis in *City of Longmont* is now superseded by the substantive changes made to the Act through the implementation of SB 19-181. The "public interest" of the state has been redefined to **prioritize and condition oil and gas regulations on the protection of public health, safety, welfare, the environment and wildlife resources, above all other economic, social or other considerations**. Because the operational conflict found by the Court is now eliminated in the Oil and Gas Conservation Act through the redefined "public interest" as established by SB181, and the "intent and purpose" of the Act significantly altered, Longmont's voter approved charter for a ban on hydraulic fracturing, etc. may be reinstated.

Similarly, the County of Boulder's local interest in preventing known harmful impacts from fracking are now in harmony with state law under the Act. It cannot be found 'unreasonable' for a local government to use its authority to impose a ban on fracking to justify that which is mandated by the law, i.e. to protect public health, safety, environment and wildlife. Thus, under the *City of Longmont* ruling, the effectuation of the local interest by Boulder County to protect public health, safety, wildlife and environment by imposing a ban in order to prevent the known harmful impacts of fracking, simply cannot "materially impede or destroy" that very same public interest of the state. The Act, as now modified by SB181, can no longer be found to "forbid" that which a local government's decision to implement a ban "authorizes", as they are now harmonized.

In summary, under the Act as recently amended by SB181, Boulder County is within its land use and other authority to ban fracking on all public land. Through its authority to impose stricter land use regulations protective of public health, safety, wildlife and the environment, the known harmful effects from fracking within the county can be, and should be, responsibly prevented by the Boulder County government. The Colorado Constitution also supports actions by local and state governments to protect citizens' inalienable rights and defend their lives and liberties.

Such responsibility to Boulder County residents must also include appropriate updates to Boulder County Land Use Code Article 12, including a mandatory 2500 foot setback of drilling operations from all occupied housing, commercial, educational, etc. structures and water sources, which the voters of Boulder County overwhelmingly supported when voter Proposition 112 was on the 2018 statewide ballot.

From:	Joe Salazar
To:	Leslie Weise
Cc:	Boulder County Board of Commissioners; Pearlman, Ben; Hughes, David; Burke, Kate A.; Sanchez, Kimberly
Subject:	Re: Update on Longmont Fracking Ban Legal Case
Date:	Thursday, November 14, 2019 6:36:03 PM

To be clear, the case we should be referencing is the Wildgrass forced pooling case we filed in federal district court in front of Judge Jackson. Our Longmont case is in Boulder District Court seeking to revive the Longmont ban.

We are asking Boulder County to file an amicus brief supporting our position that forced pooling is unconstitutional. Adams 12 filed an amicus brief further supporting our position.

I am available to answer any questions you may have.

Joe Salazar
COLORADO RISING FOR COMMUNITIES
PO Box 370
Boulder, CO 80614-0370
(303) 895-7044 - Office

Sent from my iPhone

On Nov 14, 2019, at 5:02 PM, Leslie Weise <leslie@weise.us> wrote:

Hi Commissioners, Legal and Regulatory Folks at Boulder County,

I learned from Joe Salazar that last week the judge in the *Our Longmont* case accepted the amicus brief from Adams 12. If there was a hesitation by Boulder County about filing an amicus in fear it might not be accepted, that is no longer a worry. I have attached the Adams 12 amicus brief here for your reference. If you would like any of the other court filings sent to you, please let me know. I have also included again for your reference, a summary compiled on why a ban is no longer preempted by the state.

It would be very meaningful and potentially impactful for Boulder County to also support this extremely important case through an amicus brief. As you know, this initiative for ban passed in Longmont by a significant margin. Together with the overwhelming overall support in the County for Proposition 112, it is clear that fracking has no place here. Filing an amicus would show support for the courageous individuals who are asking the court for clarification on this matter, in the post-181 regulatory world.

Your support for this case is requested. If it is necessary for the Commissioners to hold a vote on this, I specifically request that you do so at your earliest possible opportunity.

Thank you for your consideration of this request.

Best regards,
Leslie Weise
Niwot 80504
<Adams 12 Amicus - final.pdf>
<Boulder County analysis Longmont case and Ban vff 100319.pdf>

From:	Leslie Weise
To:	Joe Salazar; Boulder County Board of Commissioners
Cc:	Pearlman, Ben; Hughes, David; Burke, Kate A.; Sanchez, Kimberly
Subject:	Re: Update on Longmont Fracking Ban Legal Case
Date:	Friday, November 15, 2019 8:25:23 AM

My apologies, I had "ban" on my mind yesterday since a local high school student brought it to my attention that the local paper had printed that Crestone CDP public comment was active, raising lots of alarms understandably. Thanks to Kim for confirming this is an error. We are reaching out to the paper to issue a correction.

The Wildgrass forced pooling case is of most urgent priority for support by Boulder County, since Judge Jackson is presently allowing the case to move forward. COGCC/AG should not be opposing this case, and Boulder County should inform Phil Weiser of that position!

The *Our Longmont* case also needs Boulder County support, as stated below.

Both cases are critically important for the county and state, and the County's support would send a strong message to the judges and to the AG's office and COGCC.
Thank you for your consideration.
Leslie

On Thursday, November 14, 2019, 06:35:55 PM MST, Joe Salazar <jas@salazarlaw.net> wrote:

To be clear, the case we should be referencing is the Wildgrass forced pooling case we filed in federal district court in front of Judge Jackson. Our Longmont case is in Boulder District Court seeking to revive the Longmont ban.

We are asking Boulder County to file an amicus brief supporting our position that forced pooling is unconstitutional. Adams 12 filed an amicus brief further supporting our position.

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Best regards,
Leslie Weise
Niwot 80504
<Adams 12 Amicus - final.pdf>
<Boulder County analysis Longmont case and Ban vff 100319.pdf>

From: gonetothegarden@everyactionadvocacy.com on behalf of Barbara Comstock
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Saturday, November 16, 2019 6:20:41 PM

Dear Commissioner Matt Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

First, I call for an immediate pause on any further permitting of oil and gas development during the SB 19-181 rulemaking process, and until additional third party studies can show that public health, safety, welfare, and the environment are not being harmed. As Dr. Detlev Helmig's research shows, benzene and other emissions from fracking know no boundaries and are affecting our air quality and health.

Second, with regard to rulemaking under SB19-181, I urge the following:

- Assess the cumulative impacts of oil and gas fracking and take appropriate action. In light of the substantial body of public health research showing serious harm to people living near fracking operations, the Front Range's F-grade air quality, and the need to transition rapidly off fossil fuels to address the climate crisis, a ban on fracking is warranted.

- At a minimum, responsible leaders must rapidly phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 19-1261.

- Use the precautionary principle: if an action or policy has a reasonable suspected risk of causing severe harm to the public, the action should not be taken in the absence of scientific near-certainty about its safety.

- Fracking should no longer be permitted within 2500' of the places people live, work or play since the recent CDPHE study showed public harm up to the maximum distance studied of 2000', and other research has shown harm beyond 2000'.

- Oppose permits for additional wells near populations where a high density of wells already exist, until it can be proven that there is no increased risk from cumulative impacts of concentrated toxic emission exposures.

- Considering the vast number of fracking companies operating on junk debt or going bankrupt, companies proposing projects must be required to prove financial viability and pay increased bonding of at least $250K per well, with no per-company cap, to provide community funds to clean up and recap wells.

- End exemptions from setbacks and other rules for re-entry of old wells.

- Honor community authority to enhance regulations or adopt local bans. The new definition of the "public interest" in Colorado, per SB 19-181, is the protection of public health, safety, welfare, and the environment, providing a sound rationale for enacting strong restrictions and/or bans.

- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Ms. Barbara Comstock
8116 Dry Creek Cir Niwot, CO 80503-8528
gonetothegarden@earthlink.net

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1257] - [Name: Rogers, Mary] Re: Oil and Gas Regulations
Date: Monday, November 18, 2019 3:59:38 PM

Name *	Mary Rogers
Email *	mcr@CookHappyLiveHealthy.org
Address or General Area (optional)	2205 Balsam Dr. Boulder, CO 80304 United States
Subject *	Oil and Gas Regulations

Comments, Question or Feedback *

As you develop O&G regulations for Boulder County, I hope you will require adequate reclamation fees and bonds. A Wall Street article investigated the situation in WY where many wells were abandoned. The state had to come in and foot the bill to safely cap them all, at taxpayers' expense.

I am particularly concerned about this now because for the last year or so the Wall Street Journal has reported on the shaky financial state of O&G companies. Apparently, they have not really been profitable but only promised profitability if they could just keep drilling away. But Wall Street has finally lost patience and is shutting down the capital flow. This means many in the industry are at risk. If they must suddenly abandon wells, I don't want us left holding the bag to cap their wells--and reclaim all the property (especially farmlands) they have destroyed.

Articles: "Frackers Endure Reckoning on Wall Street," Feb. 25, 2019, p. B1
"Fracker Rethinks Growth, June 25, 2019, p. A1
"Shale Output Shows Signs of Slowing" July 18, 2019, p. B6

I would be interested to hear how you are addressing this issue. Thank you.

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: gretelfollingstad@everyactionadvocacy.com on behalf of Gretel Follingstad
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, November 18, 2019 4:45:00 PM

Dear Commissioner Matt Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

First, I call for an immediate pause on any further permitting of oil and gas development during the SB 19-181 rulemaking process, and until additional third party studies can show that public health, safety, welfare, and the environment are not being harmed. As Dr. Detlev Helmig's research shows, benzene and other emissions from fracking know no boundaries and are affecting our air quality and health.

Second, with regard to rulemaking under SB19-181, I urge the following:

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- At a minimum, responsible leaders must rapidly phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 19-1261.

- Use the precautionary principle: if an action or policy has a reasonable suspected risk of causing severe harm to the public, the action should not be taken in the absence of scientific near-certainty about its safety.

- Fracking should no longer be permitted within 2500' of the places people live, work or play since the recent CDPHE study showed public harm up to the maximum distance studied of 2000', and other research has shown harm beyond 2000'.

- Oppose permits for additional wells near populations where a high density of wells already exist, until it can be proven that there is no increased risk from cumulative impacts of concentrated toxic emission exposures.

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- Honor community authority to enhance regulations or adopt local bans. The new definition of the "public interest" in Colorado, per SB 19-181, is the protection of public health, safety, welfare, and the environment, providing a sound rationale for enacting strong restrictions and/or bans.

- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Ms. Gretel Follingstad
4670 Kirkwood St Boulder, CO 80301-4232
gretelfollingstad@gmail.com

From: Wufoo
To: Boulder County Board of Commissioners
Subject: Contact County Commissioners [#1258] - [Name: Rogers, Mary] Re: Oil and Gas--Wastewater spills
Date: Wednesday, November 20, 2019 11:09:12 AM

Name *	Mary Rogers
Email *	mcr@CookHappyLiveHealthy.org
Address or General Area (optional)	2205 BAlsam DR. Boulder, CO 80304 United States
Subject *	Oil and Gas--Wastewater spills

Comments, Question or Feedback *

I wrote a couple days ago about one of my big O&G concerns, but I have another: Wastewater spills. According to two articles from 2015, brine spills are a serious and growing problem, completely killing the land forever and possibly harming groundwater.

As the Commissioners enact new O & G regulations, I wonder what is being done to prevent this damage, which is so harmful to another critical economic area: agriculture. The articles place some of the blame on poor equipment. Can we require better equipment and regular inspections? In addition to higher reclamation bonds?

We need to pay the true, full costs of O & G extraction--and there are many hidden costs that are getting foisted on farmers, the environment and the public. I hope you will consider all these when enacting regulations.

Meanwhile, the Center for Rural Affairs reports that jobs are sweeping into the Midwest with wind energy--so maybe the O & G industry's "jobs" card has more and better competition.

Articles:
"Jobs Sweep into Region with Wind Development," Center for Rural Affairs, Nov. Dec. 2017 newsletter
"Boom brings rising number of waste spills," Daily Camera, Sept. 8, 2015 p. 3A
"Brine: North Dakota's Unwelcome Visitor, Wall Street Journal, May 16-17, 2015, p. B4

Thank you and I would like to hear what is happening as regards our regulations.

Mary Rogers

Please check box below *	• I acknowledge receipt of the Open Records Notification

From: ajmail2011@everyactionadvocacy.com on behalf of Adam Pastula
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, November 25, 2019 7:38:27 AM

Dear Commissioner Deb Gardner,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

First, I call for an immediate pause on any further permitting of oil and gas development during the SB 19-181 rulemaking process, and until additional third party studies can show that public health, safety, welfare, and the environment are not being harmed. As Dr. Detlev Helmig's research shows, benzene and other emissions from fracking know no boundaries and are affecting our air quality and health.

Second, with regard to rulemaking under SB19-181, I urge the following:

- Assess the cumulative impacts of oil and gas fracking and take appropriate action. In light of the substantial body of public health research showing serious harm to people living near fracking operations, the Front Range's F-grade air quality, and the need to transition rapidly off fossil fuels to address the climate crisis, a ban on fracking is warranted.

- At a minimum, responsible leaders must rapidly phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 19-1261.

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- End exemptions from setbacks and other rules for re-entry of old wells.

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- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mr. Adam Pastula
8130 Kincross Dr Boulder, CO 80301-4227
ajmail2011@gmail.com

From: ajmail2011@everyactionadvocacy.com on behalf of Adam Pastula
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, November 25, 2019 7:38:34 AM

Dear Board Chair Elise Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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8130 Kincross Dr Boulder, CO 80301-4227
ajmail2011@gmail.com

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To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, November 25, 2019 7:38:34 AM

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Sincerely,
Mr. Adam Pastula
8130 Kincross Dr Boulder, CO 80301-4227
ajmail2011@gmail.com

From: georgecramsey@everyactionadvocacy.com on behalf of George Ramsey
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Friday, November 29, 2019 11:52:36 AM

Dear Commissioner Matt Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

On Oct.17th, 2019, the Colorado Dept. of Public Health and Environment released a study which found significant emissions of toxic substances such as benzene, along with related harmful health effects in people living up to 2000' of oil and gas fracking operations. (Future studies must assess potential harm at greater distances).

People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

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Second, with regard to rulemaking under SB19-181, I urge the following:

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- At a minimum, responsible leaders must rapidly phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 19-1261.

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mr. George Ramsey
6866 Countryside Ln Apt 243 Niwot, CO 80503-7295
georgecramsey@gmail.com

From: georgecramsey@everyactionadvocacy.com on behalf of George Ramsey
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Friday, November 29, 2019 11:52:36 AM

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From: georgecramsey@everyactionadvocacy.com on behalf of George Ramsey
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Friday, November 29, 2019 11:52:39 AM

Dear Board Chair Elise Jones,

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From: elena@everyactionadvocacy.com on behalf of Elena Klaver
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 12:27:12 PM

Dear Commissioner Matt Jones,

I am a long term resident (40 years) and environmentalist. Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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Sincerely,
Ms. Elena Klaver
PO Box 529 Niwot, CO 80544-0529
elena@indra.com

From: elena@everyactionadvocacy.com on behalf of Elena Klaver
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 12:27:13 PM

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To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 12:27:16 PM

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From: gxxid@everyactionadvocacy.com on behalf of Gabriele Paul
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 12:30:31 PM

Dear Board Chair Elise Jones,

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Sincerely,
Ms. Gabriele Paul
4071 Carriage Ct Lafayette, CO 80026-9674
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To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 12:30:34 PM

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Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 12:30:38 PM

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From: magic@everyactionadvocacy.com on behalf of Lawrence Crowley
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 1:05:05 PM

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People in our community, including my family, are experiencing the harmful effects of fracking firsthand through our F-grade air quality, for which oil and gas operations are 30-50% responsible. This limits our ability to participate safely in outdoor activities, due to concerns about negative health impacts. This is unacceptable.

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- At a minimum, responsible leaders must rapidly phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 19-1261.

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- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mr. Lawrence Crowley
441 Pheasant Run Louisville, CO 80027-1141
magic@ecentral.com

From: magic@everyactionadvocacy.com on behalf of Lawrence Crowley
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 1:05:07 PM

Dear Commissioner Deb Gardner,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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magic@ecentral.com

From: magic@everyactionadvocacy.com on behalf of Lawrence Crowley
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 1:05:10 PM

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magic@ecentral.com

From: Yankeelynne@everyactionadvocacy.com on behalf of Lynne Sullivan
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 2:26:13 PM

Dear Board Chair Elise Jones,

With the passage of SB19-181, it is clear that the COGCC's current mission should be to protect public health, safety, welfare, the environment, and wildlife from the ill effects of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. You, as our elected officials and regulators have a responsibility to ensure public health and safety.

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Sincerely,
Ms. Lynne Sullivan
1424 S Sherman St Longmont, CO 80501-6522
Yankeelynne@yahoo.com

From: Yankeelynne@everyactionadvocacy.com on behalf of Lynne Sullivan
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 2:26:14 PM

Dear Commissioner Deb Gardner,

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From: Yankeelynne@everyactionadvocacy.com on behalf of Lynne Sullivan
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 2:26:16 PM

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From: mikilaws@everyactionadvocacy.com on behalf of Miki Laws
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 4:52:35 PM

Dear Commissioner Matt Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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Second, with regard to rule-making under SB 19-81, I urge the following:

Ban Fracking! Assess the cumulative impacts of oil and gas fracking and take appropriate action. Since A substantial body of public health research shows serious harm to people living near fracking operations; the Front Range's F-grade air quality harms us; and we need to transition rapidly off fossil fuels to address the climate crisis.

Immediately phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 9-261.

Use the precautionary principle! if an action or policy has a reasonable suspected risk of causing severe harm to the public, Don't do it, until we can make things safe!

Existing fracking should no longer be permitted within 2500' of the places people live, work or play since the recent CDPHE study showed public harm up to the maximum distance studied of 2000', and other research has shown harm beyond 2000'.

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Sincerely,
Ms. Miki Laws
1055 Adams Cir Apt 712 Boulder, CO 80303-1849
mikilaws@hotmail.com

From: mikilaws@everyactionadvocacy.com on behalf of Miki Laws
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 4:52:38 PM

Dear Board Chair Elise Jones,

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1055 Adams Cir Apt 712 Boulder, CO 80303-1849
mikilaws@hotmail.com

From: mikilaws@everyactionadvocacy.com on behalf of Miki Laws
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 4:52:40 PM

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1055 Adams Cir Apt 712 Boulder, CO 80303-1849
mikilaws@hotmail.com

From: arthaddick@everyactionadvocacy.com on behalf of Martha Dick
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 4:55:34 PM

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
ms Martha Dick
4617 Almond Ln Boulder, CO 80301-5376
arthaddick@gmail.gom

From: arthaddick@everyactionadvocacy.com on behalf of Martha Dick
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 4:55:40 PM

Dear Commissioner Matt Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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arthaddick@gmail.gom

From: arthaddick@everyactionadvocacy.com on behalf of Martha Dick
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 4:55:46 PM

Dear Board Chair Elise Jones,

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4617 Almond Ln Boulder, CO 80301-5376
arthaddick@gmail.gom

From: jpoliticsbn@everyactionadvocacy.com on behalf of Elizabeth Naughton
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 5:30:11 PM

Dear Commissioner Matt Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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Ms Elizabeth Naughton
2965 Juilliard St Boulder, CO 80305-7035
jpoliticsbn@outlook.com

From: jpoliticsbn@everyactionadvocacy.com on behalf of Elizabeth Naughton
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 5:30:11 PM

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To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 5:30:17 PM

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2965 Juilliard St Boulder, CO 80305-7035
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From:	anntagawa@everyactionadvocacy.com on behalf of Ann Tagawa
To:	Boulder County Board of Commissioners
Subject:	Protect Our Communites from Fracking
Date:	Sunday, December 01, 2019 6:05:25 PM

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Sincerely,
Ms. Ann Tagawa
2210 Mariposa Ave Boulder, CO 80302-7939
anntagawa@msn.com

From: anntagawa@everyactionadvocacy.com on behalf of Ann Tagawa
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 6:05:27 PM

Dear Commissioner Matt Jones,

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From: anntagawa@everyactionadvocacy.com on behalf of Ann Tagawa
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 01, 2019 6:05:28 PM

Dear Board Chair Elise Jones,

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From: annkasunich@everyactionadvocacy.com on behalf of Ann Kasunich
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, December 02, 2019 1:03:22 PM

Dear Commissioner Matt Jones,

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Ms. Ann Kasunich
8242 Kincross Dr Boulder, CO 80301-4229
annkasunich@msn.com

From: annkasunich@everyactionadvocacy.com on behalf of Ann Kasunich
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, December 02, 2019 1:03:25 PM

Dear Board Chair Elise Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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From: annkasunich@everyactionadvocacy.com on behalf of Ann Kasunich
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, December 02, 2019 1:03:27 PM

Dear Commissioner Deb Gardner,

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From: martindebora4818@everyactionadvocacy.com on behalf of Debora Martin
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, December 02, 2019 3:57:13 PM

Dear Board Chair Elise Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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3256 Redstone Ln Boulder, CO 80305-7174
martindebora4818@gmail.com

From: martindebora4818@everyactionadvocacy.com on behalf of Debora Martin
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, December 02, 2019 3:57:15 PM

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From: fhboudreau@everyactionadvocacy.com on behalf of Heather Boudreau
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Tuesday, December 03, 2019 9:24:33 PM

Dear Board Chair Elise Jones,

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Ms. Heather Boudreau
1008 Huron Peak Ave Superior, CO 80027-6148
fhboudreau@msn.com

From: fhboudreau@everyactionadvocacy.com on behalf of Heather Boudreau
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Tuesday, December 03, 2019 9:24:34 PM

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Subject: Protect Our Communites from Fracking
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From: steve.hyde@everyactionadvocacy.com on behalf of Steve Hyde
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 08, 2019 8:46:01 PM

Dear Commissioner Matt Jones,

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mr. Steve Hyde
4670 Kirkwood St Boulder, CO 80301-4232
steve.hyde@newbalance.com

From: steve.hyde@everyactionadvocacy.com on behalf of Steve Hyde
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 08, 2019 8:46:02 PM

Dear Commissioner Deb Gardner,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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steve.hyde@newbalance.com

From: steve.hyde@everyactionadvocacy.com on behalf of Steve Hyde
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Sunday, December 08, 2019 8:46:03 PM

Dear Board Chair Elise Jones,

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4670 Kirkwood St Boulder, CO 80301-4232
steve.hyde@newbalance.com

From:	sdelucia@everyactionadvocacy.com on behalf of Suzanne De Lucia
To:	Boulder County Board of Commissioners
Subject:	Protect Our Communites from Fracking
Date:	Tuesday, December 10, 2019 1:26:56 PM

Dear Commissioner Matt Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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Sincerely,
Ms. Suzanne De Lucia
5562 Stonewall Pl Boulder, CO 80303-2960
sdelucia@frontrangebusiness.com

From:	sdelucia@everyactionadvocacy.com on behalf of Suzanne De Lucia
To:	Boulder County Board of Commissioners
Subject:	Protect Our Communites from Fracking
Date:	Tuesday, December 10, 2019 1:26:57 PM

Dear Board Chair Elise Jones,

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From: srathke@everyactionadvocacy.com on behalf of Sharon Rathke
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Tuesday, December 10, 2019 2:51:26 PM

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Sincerely,
Ms. Sharon Rathke
6255 Habitat Dr Boulder, CO 80301-3216
srathke@comcast.net

From: srathke@everyactionadvocacy.com on behalf of Sharon Rathke
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Tuesday, December 10, 2019 2:51:27 PM

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To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Tuesday, December 10, 2019 2:51:28 PM

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From: lmcboxer@everyactionadvocacy.com on behalf of Lisa Coppola
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, December 12, 2019 6:33:30 PM

Dear Commissioner Matt Jones,

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- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Ms. Lisa Coppola
1630 Zamia Ave Boulder, CO 80304-4341
lmcboxer@gmail.com

From: lmcboxer@everyactionadvocacy.com on behalf of Lisa Coppola
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, December 12, 2019 6:33:32 PM

Dear Board Chair Elise Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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From: lmcboxer@everyactionadvocacy.com on behalf of Lisa Coppola
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, December 12, 2019 6:33:37 PM

Dear Commissioner Deb Gardner,

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1630 Zamia Ave Boulder, CO 80304-4341
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From: ajmail2011@everyactionadvocacy.com on behalf of Adam Pastula
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, December 19, 2019 3:13:49 PM

Dear Board Chair Elise Jones,

Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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8130 Kincross Dr Boulder, CO 80301-4227
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From: ajmail2011@everyactionadvocacy.com on behalf of Adam Pastula
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, December 19, 2019 3:13:51 PM

Dear Commissioner Matt Jones,

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To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Thursday, December 19, 2019 3:13:52 PM

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8130 Kincross Dr Boulder, CO 80301-4227
ajmail2011@gmail.com

From: bethakearns@everyactionadvocacy.com on behalf of Elizabeth Kearns
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, December 23, 2019 5:47:27 PM

Dear Commissioner Matt Jones,

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Ms Elizabeth Kearns
8433 Sawtooth Ln Niwot, CO 80503-7281
bethakearns@gmail.com

From: bethakearns@everyactionadvocacy.com on behalf of Elizabeth Kearns
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, December 23, 2019 5:47:27 PM

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From: bethakearns@everyactionadvocacy.com on behalf of Elizabeth Kearns
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Monday, December 23, 2019 5:47:31 PM

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bethakearns@gmail.com

From: snowdropplets@everyactionadvocacy.com on behalf of mh robertson
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Tuesday, December 24, 2019 8:27:30 PM

Dear Commissioner Deb Gardner,

Please protect our health and that of our children and grandchildren. Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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First, I call for an immediate pause on any further permitting of oil and gas development during the SB 19-181 rulemaking process, and until additional third party studies can show that public health, safety, welfare, and the environment are not being harmed. As Dr. Detlev Helmig's research shows, benzene and other emissions from fracking know no boundaries and are affecting our air quality and health.

Second, with regard to rulemaking under SB19-181, I urge the following:

- Assess the cumulative impacts of oil and gas fracking and take appropriate action. In light of the substantial body of public health research showing serious harm to people living near fracking operations, the Front Range's F-grade air quality, and the need to transition rapidly off fossil fuels to address the climate crisis, a ban on fracking is warranted.

- At a minimum, responsible leaders must rapidly phase out oil and gas development, in line with the most recent IPCC report and 26% emission reductions by 2025 required by HB 19-1261.

- Use the precautionary principle: if an action or policy has a reasonable suspected risk of causing severe harm to the public, the action should not be taken in the absence of scientific near-certainty about its safety.

- Fracking should no longer be permitted within 2500' of the places people live, work or play since the recent CDPHE study showed public harm up to the maximum distance studied of 2000', and other research has shown harm beyond 2000'.

- Oppose permits for additional wells near populations where a high density of wells already exist, until it can be proven that there is no increased risk from cumulative impacts of concentrated toxic emission exposures.

- Considering the vast number of fracking companies operating on junk debt or going bankrupt, companies proposing projects must be required to prove financial viability and pay increased bonding of at least $250K per well, with no per-company cap, to provide community funds to clean up and recap wells.

- End exemptions from setbacks and other rules for re-entry of old wells.

- Honor community authority to enhance regulations or adopt local bans. The new definition of the "public interest" in Colorado, per SB 19-181, is the protection of public health, safety, welfare, and the environment, providing a sound rationale for enacting strong restrictions and/or bans.

- Prioritize the protection of water sources near operations and require strategies to eliminate the waste of enormous volumes of freshwater used in hydraulic fracturing.

- Eliminate “forced pooling” - no one should have fracking forced upon them unwillingly.

Thank you for prioritizing public health, safety and the environment in all future rulemakings and for taking action to address widespread public concerns.

Sincerely,
Mrs. mh robertson
10 James Cir Longmont, CO 80501-6805
snowdropplets@yahoo.com

From: snowdropplets@everyactionadvocacy.com on behalf of mh robertson
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Tuesday, December 24, 2019 8:27:31 PM

Dear Commissioner Matt Jones,

Please protect our health and that of our children and grandchildren. Following the passage of SB19-181, the COGCC's new mission is to protect public health, safety, welfare, the environment, and wildlife from the adverse impacts of oil and gas operations. Local governments now have the authority to pass stronger rules/regulations. Elected officials and regulators have a responsibility to ensure public health and safety.

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From: snowdropplets@everyactionadvocacy.com on behalf of mh robertson
To: Boulder County Board of Commissioners
Subject: Protect Our Communites from Fracking
Date: Tuesday, December 24, 2019 8:27:35 PM

Dear Board Chair Elise Jones,

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