Public Comments

The following is a record of the comments received form Oil and Gas web page starting on July 4, 2019. The comments listed below have been taken directly from the emails received and have not been modified with the exceptions of typographical errors. The Community Development Department does not endorse any of the comments provided, we are merely providing transparency with the information we have received.

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July 4, 2019	I am concerned about the ruin of our air quality from Weld County. We continue to
	get F's from EPA — proven largely to be from Weld County's methane. Can our
	county make an agreement with Weld regarding air quality?
July 9, 2019	How will the new Oil and Gas Commission use SCIENCE to establish protections
<i>,</i> ,	for the health, well-being and safety of all Larimer County residents, human and
	animal alike? A majority of the appointed members of this new task force have ties
	to the oil and gas industry, so how can we trust them to put our concerns first?
July 9, 2019	I just watched the first meeting of the Larimer Co. O & G Task Force and was
•	SHOCKED at all the oilers on this board. Matt Lafferty seems to think it's great and
	that is very concerning. The Larimer County Commissioners are opening
	themselves up for litigation if they are not more careful.
	Your job is to protect us, not align yourselves with dirty oil & gas. They are directly
	responsible for our poor air quality and 'F' rating from the American Lung
	Association. Time to follow the law and heed what SB-181 is telling your to do -
	Protect the people and environment.
July 9, 2019	It is quite shameful to think that the public officials who say that they represent the
, ,	people's health, safety and security needs as our County Commissioners could
	possibly have thought that they'd get this poor excuse for an Oil and Gas Task
	Force to be created without public outcry. This is beyond shameful and needs to
	be questioned to see if it represents an illegal act by the commissioners as you
	have NOT followed the stated agenda of putting the task force together. You had 4
	medical Physicians who applied for this task force who were not even interviewed.
	You selected a much greater than 50% group of members for the task force who
	are either closely aligned with Oil & Gas Industry or who have vested interests in
	pleasing the Oil & Gas Industry, or who are doing research with Oil & Gas Industry
	funds. What's the meaning of this!??? You should be ashamed of your vote for the
	greater than 50% membership with vested interests for O&G, and you will all be
	called out for not having acted in the best interests of the health, safety and
	welfare of your constituents. You have not interviewed people in great numbers
	with health and medical backgrounds who are NOT aligned with the Oil & Gas
	Industry. Shame on you.
July 9, 2019	Is this the proper form for leaving public comment for the O&G Task Force? Also,
00, 0, 2020	what opportunities will there be for the public to address members of the Task
	Force directly?
July 10, 2019	I am totally upset that more than half of the appointees to the oil and gas task force
July 10, 2015	are either employed by that industry or have vested interests with the industry.
	That is equivalent to letting the foxes in the hen house. Contrary to some public
	officials' belief climate disruption is not a fad it is a fact. Larimer county's air quality
	got an F from the American Lung Association this year. That is not just from cars it
	is also from that fact that the harmful gases produced by fracking in Weld county
	The same was that the same agreed product of maching in Word County

	comes back over Larimer county at night by prevailing winds. We need a task force that will look out for our health and not the bottom line of oil and gas. We need to move away from fossil fuels not encourage more use. Please rethink your appointments. Thank you
July 10, 2019	I will be paying very close attention this issue for the following reasons: 1) The oil lobby seems to be the dominant force on the task force. How did that happen? It is not a good way to insure the trust of your community. 2) There are no "extremists" from the environmental community on the task force, yet there are at least three "extremists" from the oil lobby on the task force. 3) The public should be given more than one opportunity to speak their minds directly to the task force. 4) The oil lobby is not working in the interest of our country, or our communities, because it is exporting record amounts of our oil, gasoline, and diesel, while charging us more at the pump. More exports=higher demand=higher prices for Americans. 5) There are hundreds of orphaned and abandoned wells in Colorado, left behind by bankrupted drillers. Who pays to clean up their mess? Taxpayers do. 6) There are 23,000 wells in Weld County. Each well uses millions of gallons of fresh water during operation. That water is then polluted with chemicals and shot back underground into disposal wells. Where are they getting this water from, and where will they be getting water from Larimer County? Where will disposal wells be located, and how many? How much of our open space and parks is protected? We don't this filthy industry in Larimer County. I hope these questions will be addressed by the task force. 7) According to Colorado State Employment Statistics, the oil lobby employs less than 1% of the workforce statewide. Why do you think they have the loudest voice in the room? 8) That loud voice crows about the "huge" tax revenues the state collects from the oil industry. Why, then, don't we have the best roads and schools in the country?
	Where's the money?
July 11, 2019	Seems to me the Oil & Gas Commission for Larimer county is heavily weighted toward the industry and developers. This is contrary to the goal of Senate Bill 181. What was the criteria used to select the panel members and who made the final selections?
July 12, 2019	I am very concerned about the makeup of the Oil and Gas Task force. The task force consists of more than half of the members being from the oil and gas industry. This suggests a certain disregard for the recently passed SB181, which makes protecting public health and safety and the environment a priority when considering oil and gas projects.
	I want to make sure my home, water and family are safe from oil and gas projects in Larimer county. We need to be moving away from oil and gas anyway due to the climate crisis. Please reconfigure the oil and gas task force to consider the safety of citizens of Larimer County in the spirit of SB 181.
July 22, 2019	Hello. I was wondering how the health impacts of oil and gas development will be assessed? It doesn't appear that any physicians or public health experts are on the task force. Since assessing the impact of development on public health is a key component of the 181 legislation this is very concerning. Thanks for your reply!
July 25, 2019	I have often heard reassurances from members of the oil and gas industry that the annoyance factors (noise, truck traffic, smells, lights) associated with drilling are

short-term and easily mitigated. However, Coloradans living along the Front Range. regard to VOC emissions and ozone, are have long term negative impacts for a large. Larimer County. In just the last year we have worse than that of Mexico City or Beijing. Front Range ozone show that at least half directly attributable to oil and gas operation. I would like to refer the members of the Oil article written by a researcher from Colora	The impact on air quality, especially in of far greater import. These emissions ge percentage of the population of ave had days when our air quality was And studies of the ethane markers of for those ozone producing emissions are ons. il & Gas Task Force to the following ado State University. The information is
	ado State University. The information is
timely, current and relevant to the effort of County regulations.	
Lesley Fleischman Gasping for Breath:	
An analysis of the health effects from ozon	
from the oil and gas industry. Clean Air Ta	
July 26, 2019 http://www.catf.us/resources/publications/	
July 26, 2019 I noticed that the question of set-backs have would like to offer the paper cited below a recommendations on this very important in general setbacks have been determined be industry and government entities with very review is to provide data from a number of adequate setbacks in the case of a blow-or regard to H2S emissions and VOC's? How what criteria should be considered for estatraining first responders?	natter. The article points out that in by a process of negotiation between the y little basis in data. The purpose of this of different perspectives: What are but event? What is a safe distance in w should emissions be monitored? And
Environmental Health Perspectives, Vol. 1 Adequacy of Current State Setbacks for D Fracturing in the Marcellus, Barnett, and N Marsha Haley, Michael McCawley, Anne Elizabeth Ferrell Bjerke Published:1 September 2016 https://doi.or	Directional High-Volume Hydraulic Niobrara Shale Plays c C. Epstein , Bob Arrington , and rg/10.1289/ehp.1510547
August 5, 2019 Regarding oil and gas development along growing Northern Colorado Manufacturing good employees to work in fabrication and about how we need oil and gas jobs, this ago, but today oil and gas hardly employer and tourism industries. Today, solid, long competing with short term employers like some of my best workers leave for the oil too many times. Our Colorado employees oil. We need them working in sustainable They need stable employment, that's not one of the stable employment.	g company my largest struggle is finding d assembly. Frankly I am tired of hearing statement may have been true 20 years sees as many people as the Colorado tech term employers like my company are oil and gas. I have watched the cycle of fields, get laid off, and come back again are a commodity far more valuable than industries that will be here in a decade.
August 5, 2019 We need oil and gas jobs for people at other things they participate in.	nd the taxes they pay for schools and
August 5, 2019 Four generations of our family have been Loveland and Fort Collins. Family member	

	sweat, and tears into this land. Family members who have lakes and ponds around here named after them. Family members who were involved with the community as fire chief, accountants, cattle farmers, realtors, and many other occupations. One thing none of our family has done is being employed by oil and gas, this stated so that the extremists cannot default to their usual comment that anyone supporting the industry must be employed by them. O&G is a proven safe industry of hard working families and community members, we cannot afford to kill our economy due to extremist views and emotional unsupported responses from them. Also, and very important, land owners and mineral owners have rights to access their resources. The city and other government are responsible for taking this into account during expansions plans just as they account for water, open space, proximity concerns, and other associated details. This community came together and voted clearly to NOT further restrict this industry, then politicians forced 181 down our throats anyway. Restrict access to this industry and they will move out, taking their safe operations with them and taking our great economy with them. We cannot survive without fossil fuels. Not even the extremists renewable energies and electric cars can exist currently without fossil fuels. Eventually we all hope to be 100% renewable, but we are not there and we better embrace the O&G industry now to get us there.
August 5, 2019	I think that people need to realize the truth and stop following blindly while attacking an entire industry. Someone from earthworks just filmed an extraction location with a flir camera while it's in frack stage, and said that all the stuff you see is VOC's being poured into the air. When it was simply exhaust which I might add has all the local and federal required emission systems. I think people have no idea about the truth on what happens in the industry, and judge hard working people in the sense that they feel we all want these earth to die and people's public health to be at risk. When we live in the same communities and drink the same water. People. Need to get an actual clue. Because what they read is 99% so far off it's ludicrous.
August 5, 2019	I am very much in support of local drilling and as part of 4 generations of Loveland families, it's important to note Colorado is a national leader in energy regulations already. The short time the initial operations are actually on site compared to the benefits are a no brainer. If the land owners have no issues with the equipment on their owned land, it's hard to understand why all the mineral owners (including the city) would not be thanking them for the site use and the benefits they will get for basically doing nothing but finally finding a company who is willing to pay them for mineral rights. These homeowners and the city need to realize if we shut down this opportunity the industry will move on and now our mineral rights are WORTHLESS. Colorado has the most comprehensive and stringent environmental rules in the nation, including rules that require disclosure and ensure the safety and transparency of fracking which has operated safely for over 60 years in Colorado. 43 thousand jobs currently are counting on moving forward, and many more in the future. Oil and gas sites will employ local Loveland families who pay taxes and contribute to this community daily. Everything from our home and rental home values, to the grocery stores, to the car lots, to the daycare centers, and on and onhave benefited from the local jobs this industry provides. As a state we voted NO on 112 !!! We must respect that vote
August 5, 2019	A temporary Economy booster is NOT more important than Colorado's permanent ECOLOGY. These oil and gas companies and their employees do not care about Colorado. They come here, extract our resources for massive profit and leave the ecology in ruin. Their lack of understanding of the environmental impact of their

	industry is negligent and dangerous.
	On top of that they pay their employees to attend our town hall meetings and drown out the voices of the Colorado citizens that will be here long after their oil wells dry up and they leave.
	Proposition 112 was a perfect example of these companies. They spent 31,350,000 lobbying to regulate the distance they can drill for Oil from schools and rivers, meanwhile environmentalists could only raise 1,000,000. They outgunned Colorado by 30 millions dollars, and only won the vote by 5%. Now they are setting up a rig literally on Mead High Schools campus between the school and the baseball fields. Deplorable.
August 5, 2019	Oil and gas had allowed me and my wife opportunities we otherwise would never have had. Creating a good savings Decent vacations
	Her to work in education that does not pay well Decent cars and not living pay check to paycheck Paying home off faster Stimulating the economy with extra discretionary income
August 6, 2019	I have lived next to a fracking operation for 4 years. My 1 important insight has been the length of the operation. It is one thing to have your life disrupted this way for a couple of months, but the length of these operations has been a nightmare. Often operating 24 hrs. a day no one should be subjected to this for such a long time. 4 years! Please advocate for shorter term of drilling whenever within any residences including rural residents
August 6, 2019	As a 4th generation Colorado native family of Loveland, we support the safe and efficient use of our natural resources. This industries operators and associated businesses have provided income, jobs, increased housing values, and safe resources to our area for longer than many have lived here. The operators big and small have to follow the required regulations and liabilities. Loveland and the front range was built on small business growth and our community providing opportunities to organizations. Thanks to this, we have had family members who were cattle farmers on this very land who went on to retire as long-time government public servants for the Loveland community. The same people who by the way worked with and lived next to previous wells operated under far older technology. This industry has come a long way and deserves credit and the ability to move forward, our community cannot afford to restrict these hard working and safety minded workers and families. We have majority VOTED TWICE NOW NOT TO RESTRICT this industry, regulations and safety standards are being followed, governing entities have an obligation to the voters to allow these permits to move forward. Our schools, roads, parks, housing values, families, jobs, and much more need the income to continue to have a thriving community.
August 6, 2019	According to a study done by the National Academy of Sciences, "fracking is safe, end of discussion. "In an examination of 130 different wells that was funded by the National Science Foundation and Duke University, researchers found "that when properly conducted, no groundwater or aquifer pollution resulted from the practice of fracking itself." "Proving beyond doubt that fracking itself does not cause gas to seep into the water. "Also according the US Geological Survey, "Fracking is NOT causing most of the induced earthquakes. "These wells will be safe, there is

	scientific proof, so let's keep our citizens employed and expand the oil and gas production safely. How can we possibly allow our politicians and extremist out of state groups to manipulate our communities VOTE and change laws against our vote, such as 181!
August 6, 2019	Have grown up in the oil field with my dad. We move every where there was a big oil boom or production facility's being built all over the world! Still work in the oil and gas industry today myself. Love it great money and Benefits to raise a family with. Never seen or heard of anyone getting sick from working or being to close to oil and gas!
August 6, 2019	We need a moratorium on new drilling permits until regulations can be finalized. The city of Berthoud and nearby Adams County both have temporary moratoriums in place for this reason. The task force also seems over represented by O and G interests- let's make sure our health and air quality is valued more than money.
August 7, 2019	Ban fracking. Have strict air, water, safety, and environmental regulations to protect our right to breathe and drink clean water
August 7, 2019	I would be willing to help so that development continues. Oil and Gas plays a large role in the Colorado economy. It is safe and reliable so please moved forward.
August 7, 2019	If the concern for the county and state is truly health and safety, please look at the stats. Our state has grown over a 1,000,000 people in the last 5-yrs, the rig count has dropped almost in half, and our air is about 70% cleaner than it was over 10-years ago. The oil and Gas industry does so much good for their local communities and not to mention the countless jobs and tax revenue it brings in for the state. Please don't ignore the facts and allow these permits and drilling to continue. Thank you for your time!
August 7, 2019	Working in the Oil and Gas business has allowed me to use my talents to build a small business that employees 9 people with families. Each of these people earns an average wage of \$85k per year. I can also completely provide them and their families with full health insurance. Oil and gas tax dollars have improved the quality of life in our community by allowing us to build better parks, roads, and schools. So many other businesses that are not directly employed by the industry have also benefited. Please don't take away our prosperity.
August 7, 2019	I hope the good that comes from a boost to the economy from oil and gas is not overlooked. Often in public settings, it seems that those that shout the loudest are those that get heard. Employment to Larimer County should be considered.
August 8, 2019	 What kind of steps are in place or are being considered to assure the taxpayer that will not be responsible for road repairs that stem from oil & gas development? Also wondering about dust mitigation efforts. Is Larimer County going to improve regulations to make sure that erosion control methods are utilized and maintained by companies/ Contractors?
August 8, 2019	IT IS TIME TO STOP HIDING FROM REALITY AND SCIENCE! IT IS TIME TO PUT THE AMERICAN INGENUITY AND FORTITUDE TO WORK ON ENDING DRILLING AND FRACKING! LET'S WORK TOGETHER ON RENEWABLE, SUSTAINABLE AND HEALTHY ENERGY! IT IS THE RIGHT ATTITUDE AND GOALS TO GIVE OUR ENVIRONMENT A CHANCE TO RECOVER. THE PATH ALONG THESE GOALS WILL CREATE GOOD JOBS NOW AND IN THE FUTURE. IT IS TIME TO UNDERSTAND THAT SCIENCE IS NOT SOME KIND OF FAKE NEWS THAT WE CAN IGNORENOT SOME KIND OF POLITICAL IDEA.

August 8, 2019	Our family strongly supports more regulations and a ban on fracking. Our environment and health matters! No new rigs period. Colorado needs to lead the way on renewables not destroy our home.
August 8, 2019	Please create stringent protections for the citizens of Larimer County from the emissions generated by oil and gas drilling and fracking. Oil and gas emissions contribute to the Ozone alerts that Larimer County residents have been experiencing in just the last couple of weeks, let alone the that few years. To illustrate the problem in a relevant manner for you, here is CDPHE's alert for yesterday:
	Detailed Air Quality Summary for 08/06/19
	All data are collected real-time and have not been corrected nor validated.
	Daily Highs: Area Site Air Quality Max AQI Pollutant Conc. Period Time * (MST)
	Ft. Collins - Greeley [expand +] FTCW Unhealthy for Sensitive Groups 104 Ozone 72 PPB 8-hour 7 PM
	Yesterday was not been the only day with ozone alerts in the last two weeks alone. Please write your regulations in a way that will protect people as the focus and not the profits of the Oil and Gas industry.
August 10, 2019	I think current oil and gas regulations are serving us well right now. Further restrictions will damage the oil and gas industry, and I DON'T want that to happen.
August 14, 2019	The Larimer County Commissioners #1 responsibility if to protect and enhance the public health and safety of county residents. Facilitating the expansion of an already highly subsidized, polluting industry borders on dereliction of duty. Do the Commissioners believe industry profits are more important than the health, safety and quality of life of Larimer County citizens? The Task Force should take a good look at the map to see how fracking is supplanting tourism as an economic driver. Tourism serves the entire state and benefits residents. Do the right thing for the citizens of Larimer County, the majority of whom see zero benefits—only loss of quality of life—from the explosion of fracking industry. Larimer is not Weld County. Respect science. See the following article/map on how climate change is affecting Larimer County, no small thanks to the frackers Tourists once came to Larimer County to enjoy cooler summer vacations in the natural environment. Those cool, summer vacations are history, as Larimer County experienced a 2.0 rise in temps and has been out of compliance for air quality for decades. https://www.washingtonpost.com/graphics/2019/national/climate-environmen
August 14, 2019	I fully support the production of Oil and Gas not only in our State but in our county. We have some of the strictest rules and regulations already in place. We need to move forward with drilling to help support our communities.
August 15, 2019	I worked in Weld County for six years, and my job required me to travel throughout the whole county and East as well. I saw well pads next to schools, playgrounds, and on farmland. I read up on fracking and learned about the millions of gallons of clean water used to frack one well, the toxic gases and chemicals used and released, the degradation of our air along the Front Range (American Lung Association giving us an "F" rating on air quality). My boss at the time, who lives in

	Ault, said she saw the oil and gas developers burning off gas they couldn't immediately sell, and I know there have been numerous toxic spills, accidents, and several deaths associated with fracking. I sometimes feel irritation in my sinuses and throat due to the ozone. I am horrified and scared by the degradation, and I believe the studies about increased rates of cancer and issues with fetal heart defects caused by fracking. I feel grief due to the poorly managed and insufficiently regulated oil and gas development and by the fact that the state has overturned all the citizen initiatives to protect neighborhoods, schools, sources of water, and air quality (let alone the beauty of our state). The development has caused me great concern and worry, and I know it is compromising our environment and health. We need to slow this process down dramatically, limit it, and regulate it so the least amount of pollution possible is released.
	We need to put the needs of our children, water, air, wildlife & natural lands before the greed or "need" for fossil fuels.
August 16, 2019	#1: Planning/Zoning: Would it be realistic to incorporate a "framework" of Mr. Jon Turner for initial Planning Approval, not necessarily re-zoning the surface site, but approval being made via a Condition Use Permit? Would this allow for incorporation of existing state and county rules/regulations but also allow for site specific details and public comment incorporation, and also enhance/strengthen County Enforcement and issuing penalties for violations? #2: Air Permit: When is the air permit issued? The COGCC data base does not include the air permit (or may not be readily/easily navigable to find) What levels are required for dust, NOx, SOx, Benzene, hydrocarbons, etc during drilling and production? How are these monitored? #3: Community Relations (Producer): The public voice to the the producer is the Complaint system, which as was presented by the State representative, the system is a "nuisance"; and the State presenter no longer wants this responsibility. From recent experience, the term "nuisance" may have less use if there are much improved community relations requirements and activities. Could this include: accurate information from the producer including site layouts, well layouts, timely responses, action and response correspondence, etc. Could the Use Permit include the condition on volume/quantity of complaints? #4: Frac'ing & Geologic Consequences, Pollution Emissions (noise, light, dust, hydrocarbon): Prior to permit approval, would it be possible to have studies/reports on these conditions, with Public comment? It appears that there is very little research to further understand long term Environmental effects from the Frac'ing fluid chemical composition, and resulting geological impacts after injection of high pressure fluids, extraction of high pressure gas/fluids. #5: Permit Denial: As presented by the State, there is no permit denial process. Would it be possible that if conditions aren't met within a specified time, the permit would be denied? #6: Environmental protection of Livestock (a

	reduction technologies are available, not written into permits (including vapor recover at production [tanks] and transport trucks). Similar to USDOT and vehicle emissions, can more conservative emissions be incorporated? #9: Buffer Zones: Could this be revisited to include a buffer zone to property line versus the current regulations to "habitable residence"?
	https://www.ecowatch.com/fracking-boom-methane-climate-change-2639835805
August 18, 2019	How much does it cost to do a blood test for benzenes and volatile compounds from O&G operations? I hope the county considers asking operators to fund blood tests for citizens who are concerned they are being adversely affected.
August 21, 2019	Colorado law now prioritizes protecting public health safety, and the environment in matters of oil and gas development. Since racking causes many different types of problems in the environment and in the aquifer that the public depends on for drinking water, I am asking Larimer County government to prioritize protecting public health and safety, and the integrity of public lands in accordance with Colorado Senate Bill 181, by suspending all pending applications for extraction. At BOCC meeting yesterday, Commissioner Donnelly seemed offended that the
	Larimer Alliance for Health, Safety & the Environment had not given due credit to the many levels of government that have long worked hard to improve our air quality.
	I feel it very important to point out that no one is doubting these efforts, but instead trying to guard them
	Commissioner Donnelly seems unaware that for what little movement all these efforts may have won (we're still flunking national ozone standards for public health), increasing oil and gas drilling in Northern Colorado without insisting that the industry take responsibility to clear the air will absolutely ruin any small advancement on behalf of any other contributing factor.
	The overwhelming amount of poison in the air is from industry — not cars, not lawnmowers, not lack of rules for how individuals navigate in their communities. And industry is in a far better position to do something about it. The tax base it provides is proven not dependable, and not worth ruining public health.
	Do we want to fix our pollution problem? Or pretend that recycling and other consumer habits stand even a chance at wiggling the ozone meter?
	I live in rural Larimer County. There is a fracking rig within 2000 feet of my house and a mere 1000 feet of some of my neighbors. I occasionally note a strong "chemical smell" when I am outside and I have even driven into town, parked my car and left the windows open for it to air out. (I park in a garage at home and the odors permeate). The chemicals in the air are nasty. We also have some noise pollution since they run generators all night. (the vertical drilling was completed over a year ago). I wish our country could survive without oil and natural gas but currently I know this is not feasible. Until we have 100% renewable energy, please keep Larimer County residents healthy by enforcing setbacks of at least 2500 feet. Thank you.

August 23, 2019	According to Colorado State employment statistics, less than 1% of Colorado jobs are created by the oil and gas industry. In 2014, at the peak of the fracking boom, there were over 100,000 wells in CO. Americans were paying \$4/gallon at the pump for fuel, while we were swimming in oil. Where was all our oil going? It was being exported as gasoline and diesel in order to keep the price high. At the time, there was a ban on US crude oil exports, not on gasoline and diesel exports. In 2015, when the US oil industry ran out of storage space for the oversupply of oil, the market crashed. Oil prices dropped from \$100/barrel to about \$30/barrel, gasoline and diesel prices dropped from \$4/gallon to about \$1.59/gallon. Good news for American consumers, bad news for the US drillers. Half of them went bankrupt, and abandoned their wells. That is why Colorado now has over 50,000 orphaned, and abandoned, wells. (These stats come from COGCC). The US oil lobby got right to work, and coerced the Republican dominated US Congress to repeal the ban on US crude oil exports. That being done, US oil exports have soared to record levels, while prices at the pump have risen from less than \$2gallon to about \$2.50/gallon. More exports=more drilling=higher prices for Americans. The point of all of the above is that when all those drillers went bankrupt, drilling
	activity in CO dropped by at least 50%. What happened to Colorado's economy? Nothing. It didn't blink. The industry's importance to Colorado's economy is greatly exaggerated. We would do fine without them. They have the loudest voice in the room, and leave the biggest environmental footprint of any current industry in CO. With all the spills and explosions, I don't believe any fines were ever imposed on
	the industry. I would also add the following question. With all the imagined tax revenue that comes from oil and gas, why don't we have the best roads and schools in the country?
	This industry needs (at least)to be heavily regulated, taxed, and fined when disasters occur. They should also be forced to pay for closing abandoned wells. Taxpayers should not have to pay for any of the mess left behind.
August 27, 2019	Ft. Collins passed a moratorium on oil and gas within city limits some years ago, but the gov. sued to stop it. Now we need to do it. !!!
August 28, 2019	With the passage of major reform legislation earlier this year, Colorado law now prioritizes protecting public health, safety and the environment regarding oil and gas development. At this time the county should block new oil and gas development as the county develops new regulations that meet the goals of the new law. Also, the county needs a balanced task force as currently the task force has a majority of member with direct ties or invested interest in the oil and gas industry.
August 29, 2019	I just spent a couple of days backpacking in in the Comanche Peak Wilderness above 11000 ft. It was absolutely gorgeous but how depressing to see the brown smog when looking to the east. We have to get our air pollution under control and one way is to suspend oil and gas operations in Larimer County.
August 30, 2019	Please no new wells, no fracking, our water and health matters! 1. What's most important to regulate at the local level when it comes to oil and gas facilities? My response: Land use Setbacks Environment

Air quality

Operational protocols

Other: Financial protection for residents and government: O&G operators/companies should be required to provide current information about their financial condition, proof of financial strength and adequate liability insurance, and disclose records of past financial, operational, or employee-related citations or violations; and required to post financial security bonds of \$100,000 per well to cover future clean-up and capping costs in the event of default, bankruptcy, or other failure to properly clean up, cap, and remediate wells/sites.

2. What other input regarding regulations would you like to share with county staff and the Oil and Gas Regulations Task Force?

My response:

State policy and law (SB-181) now clearly prioritizes protection of public health, safety, and environment in matters of oil & gas development. The intent of SB-181 is also to ensure that communities will no longer be endangered and harmed by O&G development, and that O&G emissions must be significantly reduced to improve air quality.

Protection of public health, safety, and environment needs to be based on facts and evidence, and not a political compromise intended to foster oil & gas development as in the past. Substantial scientific evidence, including research conducted in Colorado, indicates that 1,000' setbacks are insufficient to provide protection of public health and safety. Many studies have found that oil and gas development causes negative health impacts at 1000' distances and beyond. Health dangers associated with proximity to oil and gas development include cancer, respiratory illnesses, congenital heart defects, high-risk pregnancies, birth defects, other pre- and post-natal health issues, headaches, nose bleeds, throat irritation, eye burning, shortness of breath, and skin rashes. See Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking

https://www.psr.org/blog/resource/compendium-of-scientific-medical-and-m...

Larimer County residents want to breathe clean air; and pollution and bad air quality hurt Larimer County residents and businesses. Oil & gas development including drilling and fracking contribute significantly to toxic air pollution and smog (ground-level ozone) at levels known to cause health damage and environmental impacts. California determined that fracking can have "significant and unavoidable" impacts on air quality, including driving pollutants above levels that violate air quality standards. Scientific evidence (FRAPPE-NCAR and Boulder Reservoir air quality research) indicates this is also true in Colorado. O&G emissions send toxic plumes across local neighborhoods and schools, and damage air quality throughout the Front Range, causing dangerous ozone and giving Larimer County some of the worst AQ in the country. To protect public health and environment including the climate, Larimer County needs to adopt regulations that will rapidly reduce and prevent emissions from oil & gas development; needs to accurately monitor (24/7) and report (in real time) on emissions from oil & gas operations and air quality; and needs to undertake effective and timely enforcement actions for all violations. Monitoring should be paid for by O&G operators. The County must immediately stop allowing unmonitored and unlimited emissions from new wells for 90 days.

The County should also establish credible monitoring of water quality and noise near O&G facilities, require immediate reporting of all spills, and undertake effective and timely enforcement actions for all violations.

The County needs to recognize the urgency and issues related to climate change, and the role of O&G gas development in climate change, which has major economic costs as well as impacts on public health, safety, agriculture, water resources, and environment in Larimer County and elsewhere. Natural gas is a major driver of the climate crisis; methane (fracked gas) leaks into the atmosphere, greatly accelerating climate change; it has contributed one-third of increased methane emissions globally over the past decade. The County needs to adopt stringent regulations that minimize and prevent methane and other greenhouse gas emissions from O&G gas development; establish credible monitoring of potential methane and other greenhouse gas emissions from O&G gas operations; and undertake effective and timely enforcement actions for all violations.

"All together, findings to date from scientific, medical, and journalistic investigations combine to demonstrate that fracking poses significant threats to air, water, health, public safety, climate stability, seismic stability, community cohesion, and long-term economic vitality. Emerging data from a rapidly expanding body of evidence continue to reveal a plethora of recurring problems and harms that cannot be sufficiently averted through regulatory frameworks. There is no evidence that fracking can operate without threatening public health directly or without imperiling climate stability upon which public health depends." from the Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking https://www.psr.org/blog/resource/compendium-of-scientific-medical-and-m...

3. What suggestions do you have for future community engagement on this topic? My response:

The County should provide reasonable and timely information to the public, and establish effective mechanisms for public participation.

The County made highly consequential decisions about appointments to the Oil & Gas Regulations Task Force with bare minimum legal (24-hour) public notice, which was not reasonable, contrary to the County's promise of transparency and public participation in prior public statements, and a violation of public trust.

The appointment of a Task Force in which two-thirds of the members work for the O&G industry, are service providers to the industry, or land developers with interests in profiting from O&G development, with no opportunity for public participation or comment in the appointment process, was a violation of public trust. The violation caries forward now in the composition of the Task Force.

It appears that Task Force members have substantial conflicts of interest that compromise the Task Force, but the County has provided no public disclose of conflicts of interest by Task Force members. Where is public participation in the matter of conflicts of interest by Task Force members?

	The claim by Larimer County that Task Force members who are O&G industry employees and service also qualify as environmentalists who can represent environmental interests is incredulous. As noted above, Larimer County appointed Task Force members without real transparency or public participation, which suggest that Larimer County did not want to risk public comment on its incredulous appointments.
	At this point, the shortcomings in transparency and public participation by Larimer County in appointing the Task Force, and allowing no public participation to date in the Task Force proceedings, have made a farce of the Task Force and its eventual recommendations. A belated effort at "public engagement" can do little to remedy the mistakes already made by the County, or to recify the violation of public trust.
	The County should start over with a Task Force that is appointed with transparency and public participation, and which proceeds with transparency and public participation. For the County to try to add "public engagement" at this point in the badly flawed current Task Force process is tantamount to putting lipstick on a pig
	Until the new COGCC has settled on new guidelines (inn a few weeks or months), please do not approve any Oil & Gas permits (for either new or re-activating dormant wells) anywhere near where people live, work, or play or any water used for crops, wildlife, or drinking water for human habitation. There are more than 60,000 active wells in Colorado now (per Fracktracker.org). That's enough to keep them in business for now, don't you think? Please do not approve any permits until safety and health are a bigger part of the decision-making
	Why is the questionnaire on Survey Monkey no longer available? It was announced to be live until 8/31. I write on 8/30 well before midnight and it is "not available." Why is everything so rushed??
	The Oil & Gas (O&G) or O&G Task Force Survey was supposed to stay open for public comments until the end of the month but was closed earlier today. Why?
	Please open it back up for at least (2) more days like it was supposed to be unless public comment isn't really appreciated. If the county truly wants to be fair and transparent it will do this plus sufficiently advertise the survey's reopening so the public has time to respond to the reopening of the survey and make additional comments.
August 31, 2019	I have had a chance to submit my opinion through your website, but I am disappointed something that was supposed to remain open through to the end of the month has been shut down early. Data can and should continue to be gathered as it was publicized until the end of the month weekend be damned!
	The Oil & Gas (O&G) or O&G Task Force Survey was supposed to stay open for public comments until the end of the month, today, but it was closed yesterday. Why? Many working people only have time on weekends for this sort of thing, and if the end of the month falls on a county day off, the time should be extended, not shortened from the announced "end of month."

Please open the public comment period back up for at least (2) more days like it was supposed to be, unless public comment isn't really welcome and appreciated. If the county truly wants to be fair and transparent it will do this, plus sufficiently advertise the survey's reopening so the public has time to respond to the reopening of the survey and make additional comments. Indeed, the time should be extended a reasonable amount to account for this, most likely by 1 week I planned to comment on The Oil & Gas (O&G) Task Force Survey today however the survey was closed. I believe this survey was supposed to stay open for public comments until the end of the month but was closed earlier today. Why? I urge the Task Force to open the survey back up for at least (2) more days, like it was supposed to be. Public comment is important for our democracy and if the county truly wants to be fair and transparent it will do this plus sufficiently advertise the survey's reopening so the public has time to respond to the reopening of the survey and make additional comments. Thank you for considering my point of It has come to my attention that this oil and gas task force is a sham. Stacked with oil and gas insiders. If so, that disgusts me! How dare you go about governing our county this way, that is the worst of Washington, DC, and the worst of government. Colorado is better than that! And it better stay that way. I see all the signs of corruption in my two Republican County Commissioners. Larimer County is not Weld County, we have far better options to continue having a great economy, and more importantly a great place to live. And we are doing very well. We're smart enough and moral enough to have pulled that off without destroying our natural environment. And we are smart enough to know how important our natural environment is to every aspect of a high quality of life. If you two proven wrong Republican Commissioners, proven wrong by all the success Ft. Collins has had with very progressive policies, again successful policies, fail to learn from what works and why, you are in the wrong jobs. Are you corrupted? Are you part of the worst of human nature and the worst of capitalism? Are you oblivious to the fact that we know how to do much better? Are you horrible people whose greed outweighs their moral fiber? Will you harm everyone else for a few people's selfish gain? If you cannot prove otherwise with your actions, then the answer is yes, you are corrupted, and therefore a disgrace to all things intelligent, honorable, moral and advanced. If you are honorable, or Christian in any way, you will not continue with a stacked task force, and you will not ignore the will of we the people. Almost every comment I've seen has been against what you are doing. If you ignore all that, especially without coming clean and facing us like honorable men, then we know you are not. We will know that the worst of the proven dead wrong across the board, and now proven immoral GOP has poisoned Larimer County. No real Coloradoan accepts that. Neither does God, if that matters to you. Don't gain the world and lose your souls. Don't put your faith in material things while destroying our beautiful part of the world, that would make you real scumbags Please protect our beautiful state and environment. Our air and water are a precious resource that we can not abuse! Lives matter, health matter much more than temporary jobs. WATER is all we have, we can not drink oil. Be responsible and protect our us from abuse and DO the RIGHT thing. Please ensure that oil & gas regulations in our county fulfill the spirit & letter of the September 4, 2019 recent law, Senate bill 19-181, that says Colorado must protect the health, safety

	& environment of the state & its citizens. Thank you for considering my views on this matter
September 8, 2019	I would like the county to take into account what is happening to air quality. Methane gas is known to be more than 80 times worse than CO2 for global warming. We know that we are trashing our environment with the use of carbon base fuels. Government needs to step up and protect the small farm owners, homeowner from a fracking well that is polluting the air we breathe, the ground and the water we drink. Do something Stand up to the oil and gas companies. Stand up
September 11, 2019	To reference some facts here with a comment. Emissions dropping by 20% in Weld County since 2006 even with a 100K population increase, data from the Bureau of Labor Statistics shows that oil and natural gas extraction is the seventh SAFEST industry in this nation, Colorado implementing precedent-setting regulations from baseline groundwater testing and monitoring to air regulations targeting methane leak detection, flow lines tested with a common passage rate of 99.65 percent, with zero having an issue of reportable size, and an in depth study done by the National Academy of Sciences states, "fracking is safe, end of discussion."In an examination of 130 different wells that was funded by the National Science Foundation and Duke University, researchers found "that when properly conducted, no groundwater or aquifer pollution resulted from the practice of fracking itself." "Proving beyond doubt that fracking itself does not cause gas to seep into the water. These operations have been safely used in Colorado for well over 50 years. Families, schools, parks, our economy, housing values, city and state revenue, and staying out of the unemployment lines are counting on us safely utilizing these available resources. Twice our citizens have voted NOT to further restrict the O&G industry only to now have 181 forced upon us by those who think they don't need to listen to their constituents.
September 15, 2019	Hello - I attended the recent open house and of all the exhibits, what jumped out were the clear priorities of the public based on the input received to date. The county/task force's priorities listed were starkly different, so clearly a re-alignment needs to take place.
	Particularly for concerns over the air and water quality, and otherwise environmental impacts being rated above all else. As county residents, we are expecting that the task force will be architecting its priorities and next steps based on the public's input and these specific items. With those in mind, it is disappointing and irresponsible that the county has not paused permits until plans are in place to prioritize health, environment and safety per what SB-181 allows for municipalities' control levers.
	Please adjust and do what constituents are clearly asking for.
September 29, 2019	Fracking's costs outweigh its benefits
	Some policymakers along with oil and gas companies are quick to cite the benefits of fracking and exaggerate the number of jobs that it produces. In one multistate peer-reviewed study, the industry claimed 31 jobs were created per well, but in reality, the number was four. A large percentage of jobs go to out-of-state workers, and more and more oil and gas drilling jobs are being replaced with automation.
	But there is much more to the whole story. There are also significant social and

environmental costs. With a large influx of workers in fracking communities, there are documented increases in crime rates including: assault, drug abuse, drunk driving, and crimes against women. Social costs also include the straining of police, emergency services, and municipal workers to handle road damage, noise, air pollution and odor complaints. And, the loss of affordable housing may result in more homelessness in our city and county.

Fear of hazardous materials used in and generated by fracking reduces property values, which means fewer tax dollars for the county. Profits flow to corporations and people living elsewhere, as well as out-of-state workers who leave for the next job, while residents get stuck with lasting environmental degradation, health concerns, and unsightly structures.

In 2017, CSU researchers Loomis and Haefele attempted to quantify the costs of and benefits of fracking. They found that the long term costs outweighed benefits. These costs were dominated by health damage from air pollution, greenhouse gas emissions, wildlife habitat fragmentation, and pollution of private drinking water wells. They also found that fracking damaged community aesthetics, diminished open spaces, and caused seismic activity. It also hurts livestock.

Between 2001 and 2013, CSU researchers Opsal and Shelley report that Colorado citizens filed 2,444 complaints about the oil and gas industry with the state about harmful effects that were considered "extensive and complex," not short-lived or isolated.

Now is the time for us to assess the costs versus the benefits.

October 15, 2019

My family moved to Loveland 18 years ago when my husband retired and our eldest daughter started attending CSU. The sky was blue in 2002 as we traveled West leaving Long Island in our Dodge Minivan looking forward to starting a new chapter in all our lives in the big wild west. For the first 8 years we thought we had reached paradise but then the fracking industry started closing in and the white haze appeared on/off over the Rocky Mountains out our window. Today, it is a rare occasion to have a clear blue sky. My granddaughter (age 5) has chronic asthma, even our dog (Zoey) was diagnosed with asthma, my husband has burning eye syndrome and the rest of us are healthy but uncertain what the future will bring. We mistakenly thought we were headed to a cleaner, healthier environment leaving NY ... we were wrong. If it weren't for the fact that my granddaughter has to stay within 50 miles of her divorced parents, we all, once again, would be headed to a less polluted state (if that exists in today's environment). PLEASE NO MORE FRACKING ACTIVITY AROUND AND IN CITIES ... our water, our air, our children's health and future depend on the decisions you make going forward! Support clean air, clean water and a clean planet. Thank you

October 18, 2019

As vice president of Foothills Audubon Club, I feel the protection of birds is not being addressed in the new land use regulations for oil and gas development. To protect Larimer County's raptors, I am asking the Larimer Oil and Gas Task Force to include CPW"s guidelines on raptor buffer zones in the new regulations. These guidelines can be found

	at https://cpw.state . co.us/Documents /WildlifeSpecies/LivingWithWildlife /RaptorBufferGuidlines2008.pdf It is recommended that there be a 1/2 mile buffer from bald eagle, golden eagle, osprey, ferruginous hawk, red tailed hawk, Swainson"s hawk, peregrine falcon, prairie falcon and northern goshawk nests and winter roosts to best protect them from oil and gas activity. It should be stipulated that roads, pipelines, well pads, etc would not be allowed in these buffer zones. Burrowing owls, listed as a threatened species in Colorado, should have no human encroachment within 150 feet of the nest site from March 15 through October 31, including no eradication of prairie dogs and their burrows in the nest area during this time. 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.
	I thank you for your consideration of my comment.
October 21, 2019	I am a resident of Larimer County. We do not own the mineral rights to our property. I know that owners of the mineral rights have the legal authority to extract oil and gas from beneath my property. It seems that since the invention of horizontal drilling it would not be necessary to drill close to homes and yet as I drive around the county, I often see drilling rigs very near residences. I have read that people living near drilling rigs have more health issues than other people. I am hoping that this issue can be resolved in a way that protects residence from illness as the owners of mineral rights are allowed to access their oil and gas.
October 21, 2019	After studying this issue extensively, I am of the firm belief that fracking and Oil and Gas wells should not be anywhere near where people gather or live. I know we still need oil and gas, but the wells are too close, thus creating an environmental concern. We do not know enough about the long term effects of the particulates in the air on our bodies and what we know of the short term effects is enough to deny further permits of any more wells at this point. We also know that water leaching into the water table from fracking is dangerous. I equate this with the opioid and tobacco crisis where it was easiest to ignore the growing body of evidence that these are bad for us. Let's NOT make the same mistakes with Oil and Gas wells. Our air quality on the front range is already considered serious. Please hold off on granting any new permits.
October 24, 2019	I am concerned that fracking is too close to schools and homes. I would like that the county limits how close they can build to homes and schools. I do realize this industry is needed and important to Colorado however they do need to be regulated. thank you
November 3, 2019	Suggestions and additions for Oil and Gas Rules for Larimer County, Colorado The "Larimer County's proposed oil and gas regulations specify that drilling sites state that the county can inspect operations and revoke permits if operators are not following the rules." How would the County know if drilling site operators were in violation of the rules without unscheduled inspection of sites? In the past there has not been enough inspectors or money for inspection of sites. I suggest that the oil and gas companies be charged a large enough sum of money to cover the cost of inspections to protect people and the environment. Perhaps they will invest in safe operations for

the benefit of their workers and the public. These commitments need to be put in writing so there are not loopholes. Otherwise there really are no protections for our communities.

"The draft rules specify that 'to the extent practicable' they will require operators to demonstrate how they will 'mitigate any negative impacts.' "It will likely not be practicable to mitigate all negative impacts, but it would be necessary to protect the health of people and health of the environment regardless of the cost to the oil and gas industry to do so. It is important to write into the regulations requirements for mitigating negative impacts of oil and gas operations. The Larimer County Commissioners should not grant a special-review permit to the oil and gas operators unless they agree to abide by the established regulations.

The Larimer County Commissioners should vote on whether to grant or deny a special-review permit before approval from the Colorado Oil and Gas Conservation Commission is asked for their approval. These issues directly affect the health and environment of people in our communities and community voices should be heard first.

The words, "unless the application demonstrates that it is economically infeasible or impractical," should not be included in any of the rules. This is a loophole big enough to allow the oil and gas industry to get around preserving the health and environment. The money spent by the public to counter damage caused by the oil and gas industry puts the burden of economic infeasibility on the public. Leak and spill detection by the public or oil and gas operators should be reported to the Larimer County Sheriff and the Larimer County Commissioners immediately. In addition to the 23 chemicals that may not be used within the oil and gas operations, any chemical used in oil and gas operations should show that it does not harm humans or the environment. The oil and gas operators should pay for any human and environmental damages caused by earthquakes related to oil and gas operations.

November 6, 2019

There needs a to be section concerning setbacks for bird nests; particularly raptors. These nests are very important for the sustainability of birds on the northern front range and should always be protected, not just when there are nestlings. Human activity can cause the birds to abandon the nest and they are running out of places to go.

November 9, 2019

As an observation, it truly appears the oil and gas industry is being singled out in reference to impacts of the equipment and process. As an example, I currently reside less than 1000 ft from a large housing development. I cannot even hear my tablet at full volume during morning coffee due to the construction noise including tractor trailers, nail guns, reverse beepers, saws, and ground moving equipment. Also, we have very high levels of Radon in our area, most of our homes have mitigation systems, and surely the construction of pipelines, foundations, and roads is releasing a great

deal of this into the air for the workers and us close proximity home owners. Yet, I understand this will be temporary (probably two years, approximately 1.5 years more then it takes an oil and gas rig to finish) and I understand its for the good of the community, jobs, housing values, and the growth of our area. Lalso understand regulations and monitoring are in place to insure any side affects are indeed at most, temporary. SO, it seems very confusing why politicians and extremists are clearly targeting one of our most valuable industries in this area, but not any of the comparable industries causing more disruption and side effects than oil and gas does. If we are going to take on what we feel are issues such as these, its only fair to the entire community to put our efforts towards all industries that are possibly contributing to these perceived issues. Otherwise its an obvious bias against one industry. November 11, 2019 These regulations mimic the generalized language that is appropriate for statewide regulations, but entirely inappropriate for local jurisdictions. Our unique situation-including the fact that we are slowly being poisoned (see urls below) by air pollution which can be traced directly to oil and gas operations--requires that we develop our own customized regulations. We don't have to "reinvent the wheel," but we do need to improve it and make it so it will run smoothly on our own terrain. Allowing any drilling (fracking) at all in Larimer County flies in the face of the November 13, 2019 mountain of recent evidence that suggests otherwise. Specifically: 1. Our air quality is rated F by the EPA. People in Larimer County are suffering due to air contamination caused equally by motor vehicles and existing wells in other places. This will get worse if we pollute our own county. Please remember that we receive tax dollars based on Larimer County's being a destination for its natural beauty and recreational opportunities. 2. Renewable energy sources are now cheaper and more sustainable than fracking for fossil fuels. This economic reason alone should motivate people who don't appear to yet understand the many real health and safety dangers of fracking. 3. Fracking ruins neighborhoods through noise, excessive vibration, road wear and tear, heavy truck traffic, and chemical exposure, all of which lower property values. People who live near fracking have rights too. 4. It is a myth that fracking creates long-term jobs and economic prosperity. Drillers migrate from one fracking operation to the next. Due to today's glut of oil, abandoned wells left by companies that go bankrupt can cost taxpayers millions to cap. 5. There is no way to safely store the millions of gallons of water that fracking requires. It is permanently contaminated and removed from the hydrologic cycle that normally returns water to us. Please consider the science, the facts, and the will of the people who have carefully studied this issue in developing new regulations that look to the future health and safety of our residents. Please do not allow fracking to continue. There is no need for it now that November 14, 2019 renewable energy is more economically feasible. Our health and natural resources need to be preserved and protected.