

September 1, 2021

**TO: Mayor Kathleen Ward
San Clemente, California**

**Copy: Mayor Pro Tem Gene James
Council Members:
Chris Duncan
Laura Ferguson
Steve Knoblock**

From: [Larry Will](#)



Reference:

<https://www.sanclementetimes.com/council-to-consider-citywide-ban-on-gas-powered-leaf-blowers/>

Dear Mayor Ward and Council Members:

This letter should be of interest to you because it deals with the leaf blower, the use of which has been put in question before you, apparently some time ago. It may be too late for me to make the points I share with you in this document, because from the referenced article it appears that banning leaf blowers is a done deal in San Clemente. Nevertheless, herein you will find the other side of the story, with links to supporting documentation.

Right up front, I want to say that I am not a stakeholder in your community's leaf blower issue, nor am I trying to interfere with any decision you deem necessary. But I am a source of information about the design and use of cordless and gasoline-powered leaf blowers that will be enlightening to you. I am a retired Vice President of Engineering for Echo Inc., a leading manufacturer of powered handheld lawn care

products. I would like to start by providing you with a link to a brief summary of my [qualifications and credentials](#).

I know the leaf blower has been a hot button for some people for a long time, especially in your area of the country. But most of the cities in your area have decided to ban leaf blowers because of two things, constituent pressure and highly publicized false information. As for constituent pressure, one should be sure that this faction represents the will of the majority of your constituents.

If the proposal in San Clemente is prepared based only on the negative claims made about the gasoline leaf blower, you are being misled, not on purpose, but because the advocates have also been misled. The reason is their claims come from unilaterally biased sources that do not allow for any contradictory arguments. There is no legitimate reason for banning gasoline-powered leaf blowers, **except for noise**, because everything else you hear and see is either false, misrepresented, or unsubstantiated. So, with that in mind, what can you do in response to your constituents? It's simple. **Ban only the noisy blowers**. Before explaining how and why that approach should be taken, let me address how you are being misled.

Here is something that I am reasonably sure you do not know. There is a group of people, from outside your community, working hard to have gasoline-powered leaf blowers banned throughout the country. The initial reason was, and still is for that matter, that some of them are noisy and therefore irritating. The concept of citing health hazards as the reason for a ban is contrived. It was initiated by Peter and Susan Kendall of Orinda, California. You can read all about them in the [New Yorker, October 25, 2010 issue](#). Because sound was not a compelling enough reason for banning leaf blowers in their hometown, Ms. Kendall said, *"I would (in the future) try to get the law classified not under noise but under health and safety..."*

Many anti-leaf blower advocates have created websites that dedicate themselves to demeaning the leaf blower. So, the Kendall's and others, no doubt including some advocates in San Clemente, have searched the Internet for the names of dignitaries and organizations that provide statements supporting their mission, regardless of the truth. Local people that are strongly against the leaf blower are eager to believe what they read, using these falsehoods to justify their cause. Some of the statements you hear even defy logic. I am sure you know from your experience with the media that if something is said often enough, by many different people, or put in print by many sources, regardless of the facts, people will tend to believe it as being true. They then will proceed to confidently restate these unproven hypotheses emphatically.

Here are the facts that explain why you are being misled:

Greenhouse gas (carbon dioxide):

*Excerpt from Professor Ian Plimer's book in a brief summary: [PLIMER](#) :
"Of course, you know about this evil carbon dioxide that we are trying to suppress - it's that vital chemical compound that every plant requires to live and grow and to synthesize into oxygen for us humans and all animal life."*

"Okay, here's the bombshell. The (recent) volcanic eruption in Iceland. Since its first spewing of volcanic ash, it has, in just FOUR DAYS, NEGATED EVERY SINGLE EFFORT you have made in the past five years to control CO₂ emissions on our planet - all of you."

During a vacation trip, my wife and I took in 2019 to the Canadian Rockies, the entire time we were there, the smoke from forest fires (the burning of hydrocarbons), partially obstructed the view of the mountains. On a mountain tram ride near Lake Louise, we couldn't see the surrounding mountains at all. Nobody in the media was talking about the CO₂ pollution from that. Guess what, when the burning ended, it didn't take long for the skies to clear up. Nature is self-healing and always returns to equilibrium. This smoke condition was present from Banff, all the way north to the icefields, over 100 miles.

https://www.leafblownoise.com/#Consider_greenhouse_gasses

To say that leaf blowers are a serious source of greenhouse gas is an uninformed statement. Ten ounces of fuel through a leaf blower (10 minutes running time per week for a typical household) generates about the same amount of CO₂ as that found in a [couple cases of beer](#).

Hydrocarbon emission:

It is illegal for a city or town such as San Clemente to ban leaf blowers because of exhaust emission.

https://www.leafblownoise.com/#Can_Leaf_Blowers_be_regulated_locally_to_reduce_emissions

Don't believe the diatribe you hear about leaf blower exhaust emission being worse than a Ford Pickup, or other vehicles for that matter.

<https://www.leafblownoise.com/edmonds%20test%20response2.pdf>

This type of exhaust emission has been reduced on blowers by as much as 85 to 90%, depending on engine size.

<https://www.leafblownoise.com/#What then is the big complaint>

Dust:

Only PM10 and PM2.5 particulate matter is hazardous to your health, and leaf blowers are not the source of that constituent in the atmosphere.

<https://www.leafblownoise.com/#Are leaf blowers hazardous to your health>

Take a look at what the source of this airborne particulate matter really is.

<https://www.leafblownoise.com/Table%203%2011%20San%20Joaquin%20Valley%20PM10.doc>

Noise:

Okay, now what about noise? Well, the industry took notice of blower noise more than 20 years ago and deliberately addressed this issue in response to complaints. Much has been done to reduce the noise from all gasoline powered leaf blowers, spending millions of dollars to make an alternative to noisy blowers available to the consumer. Truly quiet gasoline-powered leaf blowers do exist.

In the case of a gasoline-powered leaf blower, sound level is measured at 50 feet to replicate what a bystander will experience. The published values are obtained per the industry Standard ([ANSI B175.2](#)). A “Quiet” leaf blower is 65 dB(A) or less, measured per this Standard. Is it silent? No! But this is at least a seventy-five percent reduction in sound. At the ear of the operator, quiet leaf blowers are only 85 dB(A) and do not require hearing protection [according to OSHA](#). Check out the [video](#) of an actual demonstration developed for the comparison of leaf blower sound on my website. Note that battery-powered blowers are not as quiet as one might think. To understand how sound reduction is quantified, [click here](#).

Quiet leaf blowers have been available for a long time, however, not all leaf blowers are quiet. Therefore, I encourage you to learn more about these quiet blowers before summarily banning them along with the noisy ones.

Fortunately, because of the industry’s foresight, any city that wants to limit the sound emanating from a gas-powered leaf blower can easily determine sound magnitude in the field without testing. The consumer can also determine compliance with local

sound limitations at the point of purchase via the attached [label](#). This decal has been on all quiet gasoline powered leaf blowers manufactured in the United States for at least the past fifteen years. If there is no label on a unit, you can assume it is loud and it does not comply.

I know you will want to do something about the leaf blower to please those that want them banned. But you must consider the impact this will have on those that use them. For the professional user, this can be a game changer, and not in a good way. It can actually put some contractors out of business.

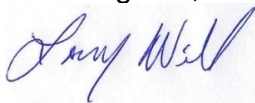
Clearly, in the back of your mind, you are thinking that because there are other cities that have banned blowers, you can't go too far wrong to follow their precedent. Perhaps one should not let other people, with needs different from your own, make that decision for your community. But if you do, you should have questions:

- How will a ban be enforced?
- Will homeowners with leaf blowers be upset?
- How does this impact the elderly?
- What will be the cost impact to the homeowner and landscape contractor?
- Will current users comply with your ordinance?
- Will people use time consuming tools, or will they just leave the debris where it lies?

If you decide to check this out for yourself, you can talk to council members from these cities that already have a ban, but don't overlook talking to the enforcers, local lawn care providers, and homeowners to learn the true impact.

If you made it to this point in my letter, I commend you for your dedication toward finding the truth about leaf blowers. If engineering details are boring to you, perhaps even confusing, before you believe all the negative claims you hear about the leaf blower, ask an engineer friend to check out my [website](#), [links](#) to references, and the [appendix](#) to this letter. Ask him if what I am saying has merit. And then ask him what the facts are. Knowing the facts will help you arrive at the best decision for San Clemente in this matter.

Best Regards,



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Click: [APPENDIX](#) for details and [links](#) to references.