

**From:** [Council](#)  
**To:** [Tyler Byrd](#)  
**Cc:** [Mark Personius](#); [Matt Aamot](#); [Becky Boxx](#); [Cathy Halka](#); [Dana Brown-Davis](#); [Jill Nixon](#); [Kristi Felbinger](#); [NaDean Hanson](#)  
**Subject:** FW: Problems with biofuels.  
**Date:** Wednesday, August 07, 2019 9:14:58 AM

---

---

**From:** WENDY HARRIS [mailto:w.harris2007@comcast.net]  
**Sent:** Wednesday, August 07, 2019 9:14 AM  
**To:** Barbara Brenner; Barry Buchanan; Todd Donovan; Carol Frazey; Satpal Sidhu; Rud Browne  
**Cc:** Wendy Harris; Council  
**Subject:** Problems with biofuels.

Does the Council even understand how complex and nuanced and potentially hazardous renewable biofuel is?

Do not assume that anything renewable is green or less polluting than fossil fuel. We are talking about altering the genetic code and DNA of bacteria and algae. If that sounds potentially risky it is and I know that because companies now exist that sell risk analysis software to provide notice when a potential modification is likely to be extremely dangerous.

However, no regulations are in place to control such risks or to keep track of what is being done where and by whom. At any time, a risky formula could be spilled and exposed on local lands or waters. And add to this the fact that there has been almost no review of public health and safety or environmental impacts from biofuels.

I do not volunteer to be a free, uninformed guinea pig for oil refineries and I do not care how much money someone is going to make from genetic modification for commercial applications. This needs to be shut down NOW before anything moves forward. We need an EIS for any of these

third and fourth generation biofuels, better known as synthetic biology.

It looks like the same industry that kept information from you in the past is still at it. At this point, you should know better. Do not allow any biofuel program to move forward until there is an EIS in place that also includes a full assessment of human health impacts.

Who on earth would think that genetically modifying bacteria and algae is a good idea? I am sure it will be unpopular with a large chunk of our local population. It is dangerous and unwise. At a minimum, more emphasis is needed for conservation.

The link below will take you to a report on a conference that tackled these issues, although there was not always consensus among the scientists. It is clear however, they remain concerned about the impacts to health and the environment.

<https://www.ncbi.nlm.nih.gov/books/NBK196452/>

See also <https://awionline.org/awi-quarterly/2008-summer/biofuels-bad-news-animals:>

<https://auto.howstuffworks.com/fuel-efficiency/biofuels/10-disadvantages-of-biofuels4.htm>

Sincerely,

Wendy Harris

