We are pleased to offer this guide to preparations for another potential wildfire season at ETS Laboratories: https://etslabs.box.com/v/ETSWildfireImpact

In summary:

- Significant changes have been made within the laboratory since the 2020 season, which presented unprecedented challenges with fires burning across the entire west coast. Last year, we were operating 16 GC/MS and GC/MSMS systems running 24/7 to meet the sample demand. While we all hope there are no fire events this year, (and certainly not the unprecedented confluence of fires up and down the West Coast), we have improved our sample throughput capabilities and added additional GC/MS and GC/MSMS units, which has allowed us to nearly double the number of samples we are able to run per day.

- ETS has taken a leadership role by working alongside international organizations, like FIVS, on industry harmonization of wildfire impact marker analysis. The first of several collaborative studies has been completed, and additional studies will begin in the upcoming month among laboratories as far afield as Australia, New Zealand, South Africa, and South America. This work will result in global increase in wildfire marker analysis capacity and, hopefully, agreement amongst laboratories.

- Research work is underway and well-advanced at ETS helping to understand the long-term impact of the glycosylated markers in finished wine to understand whether glycosylated markers in finished wine post a threat.

- Additionally, research efforts are underway around the world focused on the sensory impacts of wildfire origin volatiles and to determine to what extent the glycosylated forms of wildfire markers impact sensory traits.

- At ETS, we've done extensive work with key industry partners looking at the quite variable balance between glycosylated compounds and the volatiles resulting in finished wines.

- ETS continues expanding our database of naturally occurring volatiles and glycosylated markers in grapes and wines absent wildfire impacts. Plans are in the works with NVG to expand and expedite this effort to include more varietals and geographic origins.