Webinar Presentations Posted

On September 28, 2023, the U.S. EPA Landfill Methane Outreach Program (LMOP) hosted a webinar with two LMOP Partners presenting about **drone-based technologies that can be used to monitor landfill gas (LFG) emissions and detect leaks**.

Sniffer Robotics presented on the application of its SnifferDRONE™ technology for surface emission monitoring at municipal solid waste landfills. This automation tool for detecting and locating fugitive methane emissions removes a significant portion of the manual effort from quarterly compliance and the tool's resultant emissions data can be more broadly used to optimize well fields, tackle odor issues and quantify emissions for renewable natural gas projects.

ABB Measurement & Analytics presented an overview of its advanced leak detection systems, including HoverGuard™, a drone-based solution for detecting, mapping and quantifying methane and natural gas leaks. These ABB solutions produce comprehensive digital reports and maps that summarize the results after each survey and can now be applied to landfills to localize methane leaks and quantify their size.

LMOP does not endorse or promote any one Partner over another, but rather shares information about technologies and innovations that are of interest to the LFG energy industry. Furthermore, EPA does not accept any responsibility for the opinions, ideas, data or products presented by non-EPA parties, or guarantee the validity of the information provided.

The **presentation slides and webinar recording are available** on the LMOP website.

If you have any topics you'd like to see a presentation on or would like to present on yourself during an LMOP event, please email lmop@epa.gov.