



Olf-Actions INTERNATIONAL

PROTECTING CANNABIS OPERATIONS FROM ODOR COMPLAINTS AND CLASS ACTION RISK

Cannabis cultivation and processing facilities across the United States increasingly face complex odor challenges affecting operations, regulatory compliance, community acceptance, and property value. For more than three decades, Olf-Actions International has been dedicated to one thing: the scientific, engineering, and legal defensibility of odor.

With 5,000+ odor studies completed worldwide, we quantify and control cannabis emissions using dynamic flux-chamber sampling, certified EN 13725 olfactometry, electronic-nose networks, and atmospheric dispersion modeling. We understand terpene-driven odor from grow rooms, drying, curing, and extraction.

Our expertise extends well beyond analysis. We have supported 130+ legal matters, including 19 odor class actions won, and engineered and installed 70+ odor control systems. We turn odor science into clear, defensible strategy for regulators, communities, and courts.

Through GROW®, our cannabis program, we help operators control odor risk end to end: rigorous diagnostics, the required abatement set from measured data, the right process sized for each site, and the legal defense to close the matter.



DISCOVER OUR
ODOR SERVICES 

ODOR EXPERTISE

- Preliminary Odor Audit ♦
- Cannabis Odor Sampling ♦
- Certified Olfactometric Analysis ♦
- Odor Impact Study & Dispersion Modeling ♦
- Community Odor Observation Programs ♦
- e-Nose Real Time Monitoring ♦
- Odor Treatment Engineering ♦
- Expert Witness & Legal Strategy ♦



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PROTECTING CANNABIS FACILITIES FROM ODOR RISK

Independent, defensible odor investigations | Industrial odor engineering | Expert witness support | Defensible science for operators, regulators, and courts | Request your case assessment

FDA  EPA  ISO  ABA  cen

GROW® | Global Regulatory Odor Witness

Complaint Assessment | Preliminary Audit | Odor Sampling | Certified Olfactometric Analysis | Impact Modeling | Engineering Solutions | Community Communication | Governance Frameworks | Expert Defense | Continuous e-Nose Monitoring

GROW ROOMS | DRYING | CURING | EXTRACTION | HVAC | WASTE HANDLING | PHARMACEUTICAL
33 YEARS | 5,000+ STUDIES | 130+ LEGAL CASES | 19 CLASS ACTIONS | 15 ODOR REGULATIONS

LEGAL | TECHNICAL | SCIENTIFIC | ENGINEERING | ODOR EXPERTS



Olf-Actions INTERNATIONAL

Industrial Odor Engineering & Expert Witness Services

At Olf-Actions International, atmospheric dispersion modeling is the cornerstone of our odor strategy. Combining field diagnostics with five years of hourly meteorological data and high-resolution 3D modeling of terrain, buildings, and emission sources, we quantify how odor actually travels and how surrounding communities perceive it.

Because of this rigor, our studies go beyond impact assessment. They become the technical foundation that defines the specifications, design criteria, and engineering requirements for the odor control systems needed to correct deficient situations.

Dispersion modeling does not only explain the problem. It guides the engineered solution and provides the strongest scientific basis for regulatory discussions and legal defense.

Yann H. Contratto

ODOR IMPACT STUDY & ENGINEERING Lagrangian modeling of atmospheric odor dispersion

WHAT OUR ODOR MANAGEMENT EXPERTISE DELIVERS

- Ensure full regulatory compliance and meet the highest expectations of environmental authorities.
- Resolve community odor complaints before they escalate into operational, regulatory, or reputational crises.
- Scientifically quantify each emission source to prioritize the most effective preventive and corrective actions.
- Define engineering criteria for Cannabis Odor emissions to design optimized treatment and control strategies & process.
- Deliver world-class odor engineering and defensible science for regulatory proceedings and legal defense.



CANNABIS ODOR INSIGHTS
SCAN TO LEARN MORE



www.Olf-Actions.com/grow

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