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Odors (Olfactometry)

A Product Information Sheet by the Environmental Services Business Unit

What are odors?

Odors invariably play a role in air-pollution control when residential housing lies in the exposure area (plume) of plants or factories emitting odorous substances. Odor pollution is often considered especially annoying by the persons affected, may considerably reduce living quality and not infrequently results in lengthy legal disputes. Mistakes in this context frequently date back as far as urban planning phases and the siting of objectionable industries in conservation areas.

Why do we need opinions on odors?

Our well-founded expert opinions based on comprehensive experience and, if necessary, targeted on-site measurements, will clarify whether odor pollution is actually a major cause for objection. It goes without saying that our expert opinions satisfy all regulatory requirements and thus serve as a reliable basis for decision making.

Our services

- Odor assessment with the help of impartial subjects
- Olfactometric measurements
- Measurement of odor dispersions in cold-air flows as per the Tracer model
- Polluter analyses
- Odor-pollution forecasts, dispersion calculations for odorous substances, also including three-dimensional flow and dispersion models, clear evaluation
- Development of remedial action

Your benefits

- ▶ Problem-oriented measurements and inspections from a single source save time and money
- ▶ Planning and approval security
- ▶ Securing public acceptance
- ▶ Legal security in planning, approvals and operation
- ▶ Prompt completion

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