



Landfill Gas (LFG) Operations Safety

Safety in landfill gas (LFG) operations was the main focus of a recent presentation by Justin Boswell, SWANA member and Project Engineer at Tetra Tech. At the New Jersey Chapter of SWANA Annual Conference, Boswell discussed specific hazards associated with LFG operations and outlined measures to mitigate risks and prevent injuries. He emphasized the importance of safety in all aspects of waste and resource management, and provided important tips and information to ensure safe LFG operations on the job.

Hazards Specific to Landfill Gas

- Well Drilling
- Trenching
- Thermal Oxidation Events
- General Operations and Maintenance Hazards

Mitigating Hazards

Strategies to prevent common LFG operational risks and injuries include focusing on the following:

- Personal Protective Equipment (PPE)
- Training and Courses
- Health and Safety Plans (HASPs)
- Standard Operating Procedures (SOPs)
- Pre-Construction Meetings
- Daily Safety Meetings
- Use of Spotters
- Use of Caution Tape, Cones, and Fences

Embracing the Core Values and Goals of SWANA

SWANA is committed to promoting safety, sustainability, and professionalism in waste management. By prioritizing safety in LFG operations and advocating for risk mitigation strategies, Boswell encompassed SWANA's mission to advance the waste management industry towards a safer and more sustainable future.

