Upcoming Air Quality Rules and Regulations
The New EG & NSPS

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Applicability

- Emission Guidelines (EG)
  - Apply to landfills built, modified, or permitted after November 8, 1987 and prior to July 17, 2014.
  - States provide the rule making or adopt the federal rules and provide enforcement.

Applicability - continued

- New Source Performance Standards (NSPS) XXX
  - Apply to landfills built, modified, or permitted after July 17, 2014.
  - US EPA provide the rule making and roll out of the program.
  - A State would have the authority to enforce if the EPA delegated authority.

Are EG and NSPS Related?

- EG rules are being proposed.
  - States can adopt the Federal EG rules or
  - Timing on a State writing and having a plan approved is proposed at 13 months.
- The NSPS and EG rules will most likely be very close to one another.
  - States will enforce the NSPS rules adopt the proposed rules set forth by the US EPA.
What is Proposed?

- Design Capacity needs to be over 2.5 million Megagrams or and 2.5 million metric tons. – no change
- Calculate your Non-methane Organic Compound (NMOC) – no change
  - Tier 1, Tier 2, Tier 3, and a Tier 4 is being introduced.
  - The NMOC emission threshold rate decreases from 50 megagrams/yr to 34 megagrams/yr.

What is Proposed? – cont.

- Owners or Operators will not need to report oxygen, nitrogen or temperature exceedances.
- Creates an introduction of a Tier 4 method to determine a site specific NMOC emission rate.
- A separate category was created for “closed landfills” to keep the current NMOC emission rate threshold.
- There are more beneficial uses to use “treated” landfill gas.

What is Proposed? – cont.

- The removal of Startup, Shutdown, and malfunction (SSM) provision for these events.
- Increases the requirements for Surface Emissions Monitoring (SEM).
- There is alternative criteria for removing a Gas Collection and Control System (GCCS) from non-producing area.

Thank You

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