NEW YORK STATE

Department of Environmental Conservation

Amendments Being Considered to 6 NYCRR Parts 360 and 363

Stakeholder Meeting on Landfill Greenhouse Gas Emissions Reduction Opportunities

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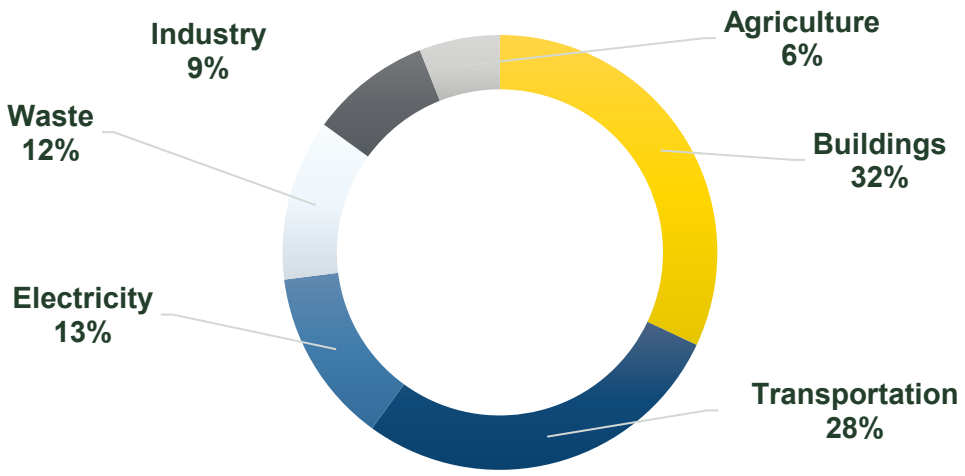
Meeting Objectives

Purpose of Today's Discussion

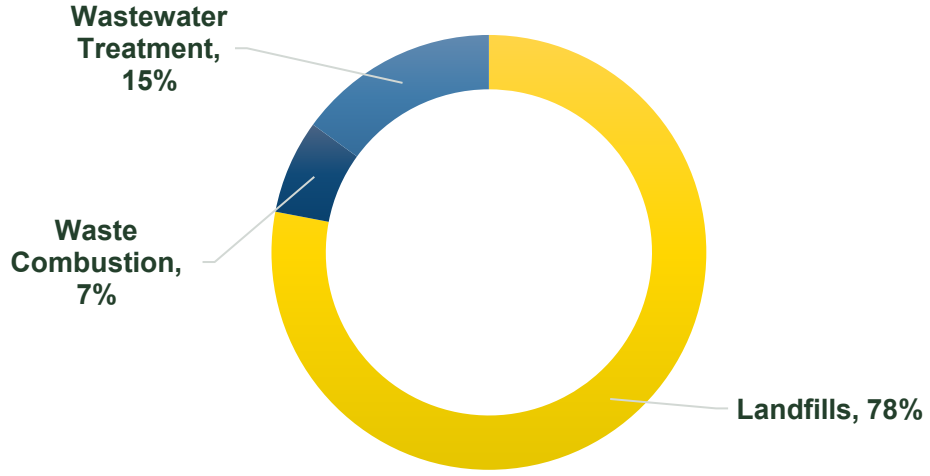
- Share the policy context for amendments being considered for Part 360 and 363
- Identify current regulatory requirements and areas being considered for enhancement to achieve GHG emissions reductions from landfills
- Gather feedback from stakeholders regarding operational, technical, and implementation considerations for the potential amendments
- Inform DEC's evaluation of potential next steps to ensure enforceable and environmentally effective requirements

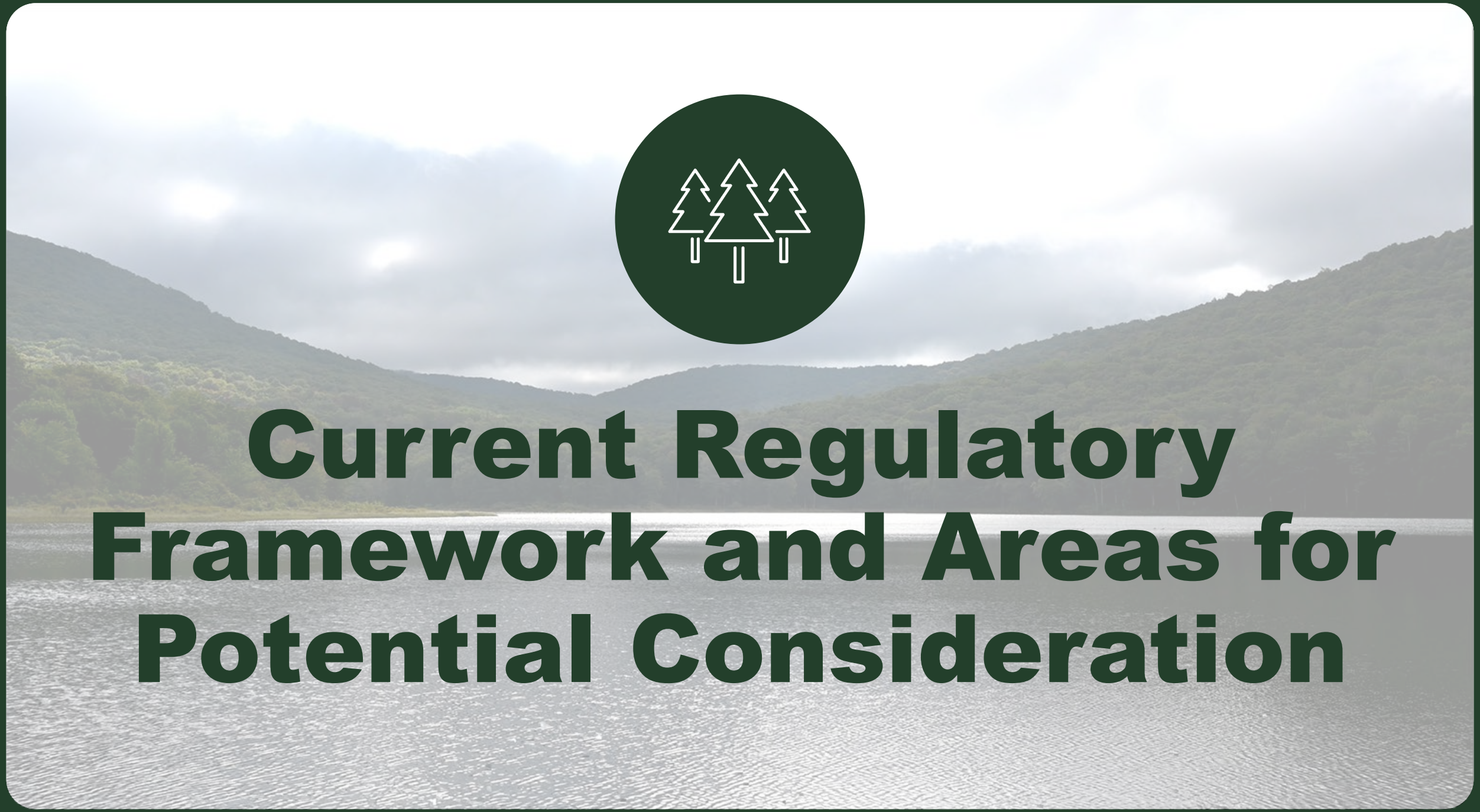
Why DEC is Considering Amendments to Parts 360 and 363?

NYS GHG Emissions by Sector



GHG Emissions by Waste Sector





Current Regulatory Framework and Areas for Potential Consideration

Part 363: Current Landfill Regulations

Includes landfill-specific permitting, design, construction, operational, monitoring, recordkeeping, and reporting requirements

- Facility manual (i.e., cover material management plan, odor control plan, gas monitoring and emission control plan, and waste control plan)
- Intermediate cover and final cover
- Limits for concentration of methane and other explosive gases at or beyond the property or within on-site structures
- Horizontal and vertical spacing of gas lines in the waste mass
- Quarterly monitoring (at minimum)
- Annual Reporting

Updates to Landfill Regulations Under Consideration

Updates being considered focus on, but may not be limited to the following:

- **Part 360.2** – Definitions related to monitoring, design, and operation of landfills concerning the collection and management of gas landfills emission as needed
- **Part 360.4** – Transition language regarding the applicability and timeframe for implementation
- **Part 363** – Incorporate requirements for assessing, mitigating, monitoring, reporting, and recordkeeping of LF GHG emissions throughout the design, construction, operation, closure, and post-closure of solid waste landfills
  - **Subpart 363-4** – Facility manual
  - **Subpart 363-6** – Design requirements
  - **Subpart 363-7** – Operating requirements
  - **Subpart 363-8** – Recordkeeping and reporting
  - **Subpart 363-9** – Closure, post-closure, and custodial care
  - **Subpart 363-11 –** Reclamation

Stakeholder Input

Stakeholder Input on Potential Amendments

Assessment

What are the considerations that need to be taken into account in order to identify fugitive and surface emission sources?

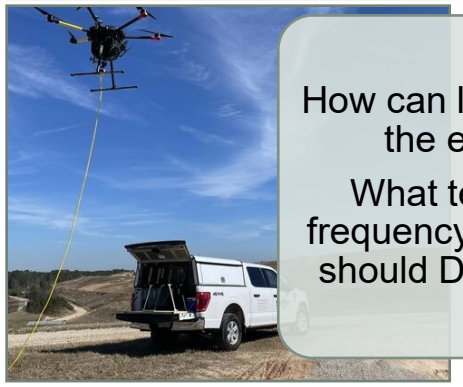
Mitigation

In what ways can emissions be mitigated?

What operational requirements or practices should DEC consider?

Reduce GHG emitting waste at landfills?

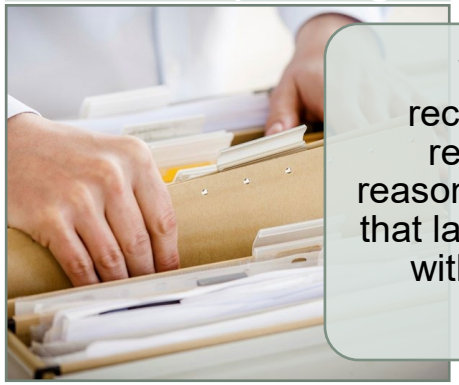
Monitoring



How can landfills monitor the emissions?

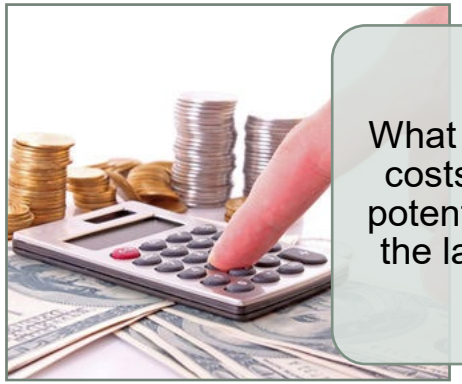
What technologies, frequency, and practices should DEC consider?

Recordkeeping and Reporting



What kind of recordkeeping and reporting seems reasonable to make sure that landfills are on track with reducing their emissions?

Costs



What are the anticipated costs as a result of the potential amendments to the landfill regulations?

Your feedback will be useful in shaping DEC's regulatory requirements

Any additional comments, please send an email to SolidWasteRegulations@dec.ny.gov using "Landfill GHG Emissions" in the subject line.

To follow updates to the potential rulemaking, please visit:

https://dec.ny.gov/regulatory/regulations/proposed-emergency-recently-adopted-regulations/materials-management-revisions/solid-waste-management

Department of Environmental Conservation