Outlook

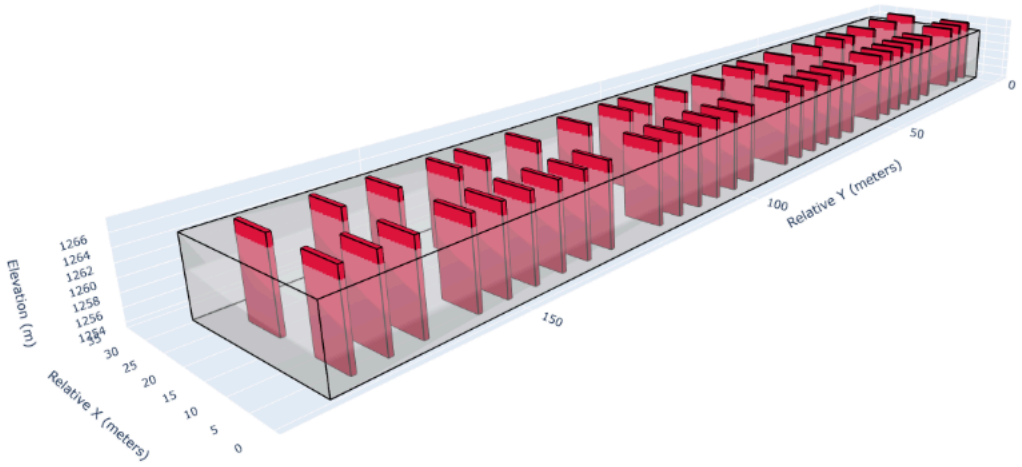
YGI / NMED Modeling questions: 11/17/2026

From Rathod, Sagar, ENV <sagar.rathod@env.nm.gov>
Date Tue 11/17/2026 1:41 PM
To John Ke <jke@trinityconsultants.com>; RLiles@trinityconsultants.com <RLiles@trinityconsultants.com>
Cc Mustafa, Sufi A., ENV <sufi.mustafa@env.nm.gov>

Hi John,

Thank you for sending over the updated BPIP Input file and the comparative tables. After reviewing the materials, the NMED modeling unit has a few clarifying requests:

1. Updated Modeling Protocol: Please submit a Modeling Protocol that includes the building downwash information and justification for review prior to submitting the full suite of modeling. To ensure all assumptions and methodologies made so far are documented in one place, please include full details on the exhaust composition (temperature, flow rate, velocity, etc.), building design (exact dimensions and any plan diagrams to support modeling), and stack modeling justifications, along with comparative modeling demonstrating how the applicant's approach is representative and conservative.
2. Plenum Dimensions: Please confirm whether 23.22 ft x 2.25 ft represents the internal dimensions of the plenum.
3. AERMOD Building Representation: Please confirm whether the figure below accurately represents the applicant's building modeling in AERMOD for a sample building T01. The NMED Modeling unit created this figure using the latest BPIP Input file submitted by the applicant.



We would appreciate it if you could please provide a quick time estimate to fulfill the above requests.

Thank you,
Sagar

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