

# Vulnerability Analysis

- Uses EPA Software programs to predict chemical movement
  - Based on chemical properties, toxicity, weather conditions, and release rate
  - Population impacted according to 2010 Census Data
  - Does not identify critical facilities
  - Does not identify potential business or roadway population
- Scenario:
  - Train crash with a single chemical car release
  - Prevailing weather: temperature 85°F, winds SE at 11 mph, 50% cloud cover, 50% humidity
  - Release Point: 4" hole

