

From <https://heet.org/gas-leaks/gas-leak-maps/>

About the Leaks

Leaks are graded by the utilities to indicate how potentially hazardous they are, ranging from Grade 1 to Grade 3 SEI, defined as follows:

- **Grade 1** leaks are hazardous and must be repaired immediately. This includes leaks in or near a contained space, such as a building or manhole, where the gas could build up enough to potentially explode.
- **Grade 2** leaks are non-hazardous, but could become hazardous in the near future. They must be repaired within a year.
- **Grade 3** leaks are non-hazardous and are expected to remain non-hazardous. Grade 3 leaks initially designated on or after 1/1/2018 are required to be repaired or eliminated within 8 years.
- **Grade 3 SEI** are grade 3 leaks larger than 2000 square feet in rectangular extent – these are leaks of significant environmental impact, or SEI's. They are approximately the largest 7% yet contribute approximately 50% of all leak emissions. They are required to be repaired in 1-3 years. HEET is working to improve utility adoption of the leak extent method to better identify SEIs in the field.

