

Leak Detection



- “Food for thought
Perhaps the future success of our
Regulatory Framework lies not in
scientific or technical advances nor in
the Code of Federal Regulations but in
our ability to acknowledge and
accommodate humanity.”

Prentiss Searles of API

- Statement made during the 13th annual UST/LUST National Conference

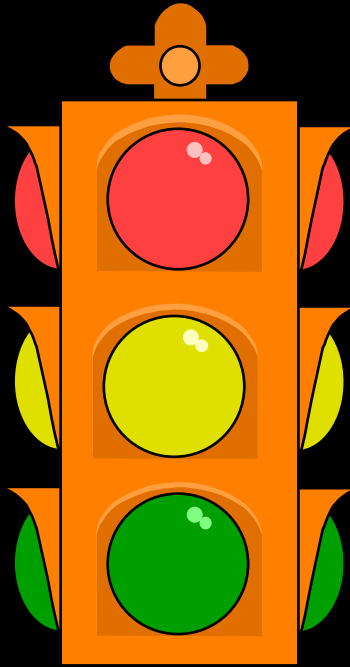
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- An inspection of a randomly selected sample of facilities consisting of 10% of all the Underground Storage Tank facilities in the state of Maine in July, 2000 found:
 1. 25% of the owners/operators did not conduct annual operation and maintenance inspections.
 2. 29% had equipment problems in leak detection, spill/overflow protection, and leak detection.
 3. 39% of the problems discovered were not corrected after 30 days.
- How do Michigan facilities compare ?

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Environmental Quote



“The Earth does not belong to Man: Man belongs to the Earth... Whatever befalls the Earth, befalls the sons of the Earth. Man did not weave the web of life: He is merely a strand in it.”

-Chief Seathl of the Duwamish & Squamish Indians, 1855

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You Have a Choice !

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What are my Choices?



The Choices Are:

- (d) Automatic Tank Gauging (ATG)
- (e) Vapor Monitoring
- (f) Groundwater Monitoring
- (g) Interstitial Monitoring
- (h) Other Methods (e.g. SIR)

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What about options (a) and (b)?

- Option (a) or option (b) is no longer an option unless the tank was upgraded for corrosion protection after April of 1991, and you are completing the allowable ten-year temporary use combined with tank tightness every five years. Except that option (b) is still an option for 550-gallon tanks.



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What about option (c)?

- Option (c) the Tank Tightness testing is still a valid option, but it is a costly and not a very practical option for monthly monitoring.
- Tank Tightness Testing is always used to verify or confirm or cancel a suspected leak.

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Will Someone Explain These Options?



- This presentation is primarily about the following options:
 - (d) Automatic Tank Gauging
 - (g) Interstitial Monitoring
 - (h) Other [Approved] Methods: SIR***AND***
 - (b) Manual Tank Gauging
- We can talk about methods (e) and (f) informally during the breaks if anyone is interested.

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- One method is required but more are allowed
- Choose and designate your “primary method”

