

New UST Rules

You may have heard EPA published new UST rules this summer... But don't be confused by misleading articles in other publications: *The new federal rules do not apply to Missouri UST owners/operators.*

Missouri UST owners and operators are governed *only* by Missouri's UST rules. The fact that the U.S. EPA finally published a final version of new federal rules originally proposed in 2011 changes nothing...for now.

However...Missouri will have to reapply for EPA approval of its UST program no later than October 2018, and in its application, Missouri *will* have to demonstrate the state's rules achieve the same results as do EPA's rules.

So...The Missouri Department of Natural Resources must change its UST rules and is beginning that process now. Here are some of DNR's *proposed* changes:

- All new underground tanks and piping *installed* after July 1, 2017, must be double-walled and have containment sumps, and the interstitial spaces must be monitored.
- If $\geq 50\%$ of piping is *replaced* after July 1, 2017, it must be replaced with double-walled piping and containment sumps, and the interstitial spaces must be monitored.
- Any dispenser installed or replaced after July 1, 2017, must have under-dispenser containment.
- By January 1, 2020, and every three years thereafter, any containment sump installed as a result of the above requirements must be tested, unless it is double-walled and the interstitial space is monitored at least annually.
- Also by January 1, 2020:
 - All spill buckets will have to be tested unless they are double-walled and their interstitial space is monitored monthly;
 - "Walk through inspections" of the spill basin and fill areas must be done monthly;
 - Tank tops and areas under dispensers must be checked at least annually;
 - Leak detection equipment must be tested annually; and
 - Overfill prevention equipment must be tested at least once every three years.
- Less-reliable techniques for repairing spill buckets will no longer be allowed. (Replaceable liners and manufacturer's inserts will still be okay.)
- Vapor monitoring and groundwater monitoring will no longer be allowed as leak detection methods after July 1, 2020.

UST Operator Training Deadline

And don't forget the July 1, 2016, deadline by which you must comply with Missouri's operator training requirements. Training is free at <http://www.pstif.org>!

Information on these proposed changes is available at <http://dnr.mo.gov/env/hwp/ustchanges.htm>. Future issues of *Latest Leaks* also will contain more information.



New Trustee Appointed

Governor Nixon recently appointed James Greer, Vice President of Supply and Distribution for MFA Oil Company, as a member of the PSTIF Board of Trustees, representing owners of aboveground storage tanks.

James and his wife, Andrea, live in Columbia, but they frequently travel to Jefferson City to watch both their son and daughter play ice hockey. Welcome, James!



ATG Security

As if you didn't have enough on your mind...

...Two researchers who recently spoke at the Black Hat security conference warned gas station owners that Internet-connected automatic tank gauges may be vulnerable to hackers.

The researchers had successfully hacked into ATGs themselves; they also documented similar attacks originating in Syria and Iran. A hacker could change tank names, alter fuel types, order or cancel deliveries, or change the recorded tank volume. Experts recommend consulting your IT expert to ensure Internet-connected ATGs have adequate security, including passwords.

[Information from PetrolPlaza, August 11, 2015]

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