

Marion Environmental, Inc. – MEI Monthly

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Profile of Month – Tara Miller

For seven years, Tara has kept the home office running smoothly. She is the receptionist, the office manager, the Geologist's assistant, and the all important record keeper.

Tara maintains spread sheets for certifications, drug screenings, safety meetings and more. She produces audit packages and printed reports, and all of this while handling the myriad of characters who turn up in the front lobby.

Phone calls are scrutinized and Tara is a master at deciphering the valid calls from the unsolicited variety. Whether there is a deadline looming and minutes matter or a chat around the water cooler, Tara respects the value of uninterrupted time.

The atmosphere at the front desk is always cheerful. Tara sets a lovely tone and keeps our MEI world orderly and efficient.

Marion Environmental Inc. is one of the leading providers of environmental consulting, remediation, and emergency response in the southeast. Our goal is to provide cost effective solutions to environmental problems.

Making *our* standard, industry standard.

REMINDERS

If OSHA audits your facility and sees a violation that is covered by another agency, they will call the other agency. For example, if OSHA is auditing you and they see something leaking into the woods on the property they will call the EPA.

OSHA's Hazard Communication Standard is the second most violated standard. Make sure your company is in compliance.

June 1, 2016 is the final deadline for OSHA's Globally Harmonized System (GHS) of classification and labeling of chemicals.

The historical progression of OSHA's conversion to the GHS deadline dates:

12/1/2013 - Employers must train employees about the format and design GHS labels and of the safety data sheets (SDSs)

06/01/15 - Labels and SDSs from manufacturers, distributors, and importers must be completed

2/01/2015 - Manufacturers, distributors, and importers can no longer use the 1994 Hazard Communication Standard compliant labels.

Of significant importance is ensuring your employees understand the difference between the **HMIS III & NFPA 704** rating systems and the new **GHS** hazard Categories. The numbers are inverted.

OLD

HMIS III & NFPA 704 ratings

- 0 = minimal hazard
- 1 = slight hazard
- 2 = moderate hazard
- 3 = serious hazard
- 4 = severe hazard

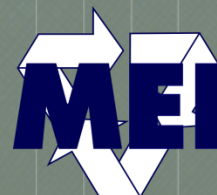
NEW

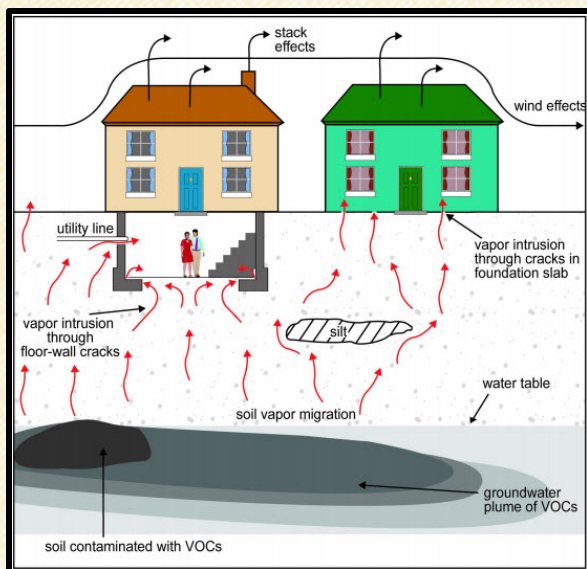
GHS Hazard Categories

- 1 = severe hazard
- 2 = serious hazard
- 3 = moderate hazard
- 4 = slight hazard
- 5 = minimal hazard

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Vapor Intrusion

Vapor intrusion is the migration of volatile chemicals from underlying soil or groundwater into the indoor air of buildings. Chemicals may reach the underlying soil or groundwater because of spills, historic disposal methods, intentional dumping, or releases from neighboring factories. Vapors from select chemicals may also migrate from the underlying soil and groundwater into overlying buildings.

Volatile chemicals may include:

- volatile organic compounds
- select semivolatile organic compounds
- some inorganic analytes, such as elemental mercury, radon, and hydrogen sulfide.

*From www.epa.gov/vaporintrusion/what-vapor-intrusion and Tennessee Department of Health.

Vapor (Cont)

Federal:

In June 2015, the EPA published two guides. One guide for petroleum releases from underground storage tank sites and one guide for all other sites within EPA's jurisdiction. These two documents are utilized by states that do not have their own guidance. More information can be found: www.epa.gov/vaporintrusion

Tennessee:

On March 31, 2016, TDEC Division of Remediation (DoR) went "live" with its Vapor Intrusion Investigation Process Flow Chart. This chart outlines the process involved in evaluating whether or not a site has a vapor intrusion potential that needs to be addressed.

http://www.tn.gov/assets/entities/environment/attachments/rem_vapor-investigation-process-flow-chart.pdf

Additionally DoR published screening levels for potential vapor intrusion in May of 2015. These screening levels help consultants evaluate your potential risk.

Georgia:

Currently the GA EPD does not have separate guidance and utilizes EPA's guidance. GA EPD is developing state guidance intended to complement the broader EPA guidance.

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