

NORM/TENORM RADIATION SAFETY TRAINING MARCH 2, 2017

Naturally occurring radioactive material (NORM) is present in soils, rocks and other undisturbed materials. During drilling, well development, and production activities, the natural rock formations become disrupted and materials are brought to the surface, resulting in NORM being reclassified as technologically enhanced, or TENORM, under Pennsylvania DEP regulations (§287.1)

Join oil and gas industry stakeholders to learn about radiation basics, its potential health effects and how TENORM is generated from oil and gas development activities. Obtain a comprehensive overview of the industry sampling and analysis protocols, and framework for handling, transporting, landfill allocating, monitoring and disposal requirements. Additionally, hear about the new PA DEP regulatory requirement at §78a.58(d) which requires operators who are processing fluid or drill cuttings on-site to develop a Radiation Action Plan. Lastly, join the presenters in a lively open forum to have your questions answered.

PROGRAM

7:30 am – 8:00 am	Registration and Continental Breakfast
8:00 am – 10:00 am	Oil and Gas TENORM Radiation and Radioactivity <i>Alan Fellman, Ph.D., CHP, Senior Health Physicist; Manager, Commercial Consulting, Dade Moeller – an NV5 Company</i>
10:00 am – 10:15 am	Break
10:15 am – 11:45 am	Industry Protocols and Best Practices <i>Andrew J. Lombardo, CHP, Senior Vice President Nuclear Services, Perma-Fix Environmental Services Inc. Alex Lopez, CHP, Principal Health Physicist, Perma-Fix Environmental Services Inc.</i>
11:45 am – 12:45 pm	Lunch
12:45 pm – 1:30 pm	Landfill Allocation, Monitoring and Disposal <i>Michael T. Rind, Director of Operations, Waste Management Energy Services Oil and Gas Solutions</i>
1:30 pm – 1:45 pm	Break
1:45 pm – 2:30 pm	Chapter 78a Regulations: Radiation Action Plan <i>David J. Allard, CHP, Director, Bureau of Radiation Protection, Pennsylvania Department of Environmental Protection</i>

6 PROFESSIONAL DEVELOPMENT HOURS AVAILABLE

REGISTER

MSC Member:	\$200
MSC Member Group Rate*:	\$175
Non-Member:	\$250
Non-Member Group Rate*:	\$225

* Receive discounted rate when registering four or more attendees from one company.

Admission fees are non-refundable. Substitutions are accepted.

TO REGISTER

www.normtenorm16.eventbrite.com

LOCATION

Hilton Garden Inn
1000 Corporate Drive
Canonsburg, PA 15317

A block of rooms has been reserved under the Marcellus Shale Coalition on a first-come, first-served basis. Please call (724) 743-5000 to make a reservation.