



# OHIO DEPARTMENT OF HEALTH

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Columbus, Ohio 43215

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John R. Kasich / Governor

March 20, 2014  
(Corrected Copy)

Frank O'Connor, President  
Shale Testing Solutions, LLC  
249 E. High Street  
Lisbon, OH 44432

SUBJECT: REQUEST FOR AN AMENDMENT TO LICENSE 03225150000

On February 22, 2014, the Ohio Department of Health, Bureau of Radiation Protection (BRP) received your request to amend your radioactive materials license #03225150000 to incorporate your use of a Modified 901.1M Ra-226 Analytical Method Based on Direct Scan of 186.1 Kev Peak.

On March 17, 2014 the BRP received additional documents in support of your request namely,

- Shale Testing Solutions procedure, SOP-STS-106 R1.0
- A letter detailing completion of an STS 21 Day Pilot Study
- A data sheet with analytical results for the 30 TENORM samples used in the study
- A copy of Method 8249 – Alternate Sample Preparation of soils for Gamma Spec
- A copy of STS's instructions to customer for how to sample TENORM solids

*On March 20, 2014 the BRP received an updated Shale Testing Solutions procedure, SOP-STS-106 R1.1 which incorporated minor BRP requested changes.*

BRP staff has completed its review of the documentation submitted in support of request for your amendment to incorporate the use of your *SOP-STS-106 R1.1* as a modified 901.1M Ra226 Analytical Method Based on Direct Scan of 186.1 Kev Peak and find it acceptable.

Shale Testing Solutions, LLC is hereby authorized to implement use of *SOP-STS-106 R1.1* immediately.

A license amendment incorporating this approval will be sent under separate cover to you in the near future. A license amendment fee will be billed separately and directly from ODH accounts receivable.

If you have any questions, please contact me directly.

Thanks,

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