



December 2, 2013

Northeast Infrastructure, LLC  
% Reilly Associates  
49 South Main Street  
Suite 200  
Pittston, PA 18640

ATTENTION: Mr. Martin A. Musso, P.E.  
[mmusso@reillyengineering.com](mailto:mmusso@reillyengineering.com)

SUBJECT: Environmental Screening – Summary Report (#13114.2)  
VA Hospital – Warehouse Renovations  
Wilkes-Barre, PA

Mr. Musso:

In addition to our scope of work for the geotechnical engineering studies, the following services were completed per our addendum agreement of October 23, 2013.

### **Scope of Services**

The area of investigation is located on the east side of the Veterans Hospital, Wilkes-Barre, Pennsylvania. The location was reportedly formerly used as a coal storage area. Coring of the concrete slabs and screening of the sub-base aggregates were completed as follows:

- a. Coordination with environmental consultant for screening at concrete slab sub-base levels.
- b. Extract two concrete cores in the existing building areas and set temporary capped pipes to the sub-base level for periodic screening of the vapor at the sub-base level.
- c. Written reports of our observations and testing.

## **Sampling and Testing Results**

Cores were drilled for sampling at the locations shown on the test core location plan included as Enclosure (1). The cores were 4-inch diameter cut through the asphalt and concrete floor to the aggregate sub-base materials. A 3-inch diameter PVC pipe was set and sealed in the cored hole to the sub-base level. The air space at the sub-base level was tested as detailed herein.

The cores at the floor slab locations consisted of an asphalt overlay of about 1¾" to 2½" and a concrete base of about 4¾" to 6" in depth.

The sub-base air space at the core locations was screened with a photo-ionization detector (PID) for volatile organic compounds (VOCs). The PID screening is utilized to determine the possible presence of contamination. No elevated levels of VOCs were detected during the PID screening. No odors were noted at samples within test cores. The PID screening results of each sample are indicated on screening logs included herein as Enclosure (2).

## **Study Limitations**

We have performed our services and have prepared our reports in accordance with generally accepted geotechnical engineering and testing practices. We make no other warranties either expressed or implied as to environmental testing or assessment services provided herein.

Sincerely,

MIDLANTIC ENGINEERING, INC.



Timothy Burns, P.E.  
President



Encls:

- (1) Test Core Location Plan
- (2) Summary of PID Screening

cc: Attn: Mr. Joseph Durkin, P.E.  
[jdurkin@reillyengineering.com](mailto:jdurkin@reillyengineering.com)

Sheet No.



**MIDLANTIC ENGINEERING INC.**  
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Enclosure (2)  
Contract #13114.2

**PHOTO-IONIZATION DETECTOR SCREENING  
HNU MODEL PI-101**

**Project:** (#13114.2) VA Hospital – Warehouse Renovations  
Wilkes-Barre, PA

**Client:** Northeast Infrastructure, LLC c/o Reilly Associates

<u>Core No.</u>	<u>Date Tested</u>	<u>PPM</u>	<u>Core No.</u>	<u>Date Tested</u>	<u>PPM</u>
C-1	November 18, 2013	0.0	C-2	November 18, 2013	0.0
	November 22, 2013	0.0		November 22, 2013	0.0
	November 26, 2013	0.0		November 26, 2013	0.0

**Notes:** - Tests were taken at base of extracted core.

- Background readings were taken prior to sampling. Background readings were 0.0 ppm prior to all testing.
- PPM = Parts Per Million