

August 23, 2010

Mr. Roberto Carmona
Vermex, Inc.
2719 W. Cermak Road
Chicago, IL 60623

RE: Radiological Survey of Right-of-Way Excavation
Permit No.: 772482522
Permit Address: 512 N. McClurg Court

Dear Mr. Carmona:

Pursuant to conditions specified in a permit (see attached) issued by the City of Chicago, radiation monitoring was required to be performed at the above referenced site. AECOM provided the required radiation surveillance on August 13, 2010 for area covered with granite tiles, which were set on a compacted sand base.

Activities by the contractor included the removal of the granite tiles, leveling and re-compaction of the sand base and replacement of the granite tiles over approximately 1,400 ft² at the above referenced site. Surveying was performed prior to the removal of the granite tiles and revealed no indication of soils above the specified clean-up threshold established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA threshold for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g total radium (Ra-226 + Ra-228)).

Gamma radiation count measurements for the project were made using Ludlum Model 2221 survey meter and an unshielded 2 x 2 NaI probe (Model 44-10). For the instrument used, the gamma count indicative of the 7.1 pCi/g threshold was 17,522 counts per minute (cpm) unshielded. The field gamma measurements within the excavation and the spoil materials generated during the excavation process did not exceed the respective threshold values previously stated and ranged from a minimum of 6,500 cpm to a maximum of 9,500 cpm. Thus, there was no indication of the presence of radiologically-impacted material and/or an exceedance of the USEPA cleanup threshold of 7.1 pCi/g total radium.

Finally, as part of the permit conditions, this letter has been forwarded to:

Chicago Department of Environment
Attention: Ms. Rahmat Begum
30 North LaSalle Street, 25th Floor
Chicago, Illinois 60602

Please contact us with any questions you have regarding this letter or the reported results.

Regards,



Jaclyn C. Webb
Staff Project Scientist



Steven C. Kornder, Ph.D.
Senior Project Geochemist

cc: Rahmat Begum, Chicago Department of Environment
Verneta Simon, USEPA

Attachments: Permit

Environ^{ment} - 312-744-7208

CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT
FORM NO. DOE.ROW.03



City of Chicago
Richard M. Daley, Mayor

Department of Environment

Suzanne Malec-McKenna
Commissioner

2nd Floor
30 North LaSalle Street
Chicago, Illinois 60602-2575
(312) 744-7606 (Voice)
(312) 744-6451 (FAX)
(312) 744-3586 (TTY)

http://www.cityofchicago.org

Permit No.
772402582

Date
8/11/10

Site Address
512 N. McCURRY CT.
CHICAGO IL 60611

Work Location (Describe
exact site location and
attach map)

1400 SQFT OF
GRANITE TILE
EXISTING

Nature of Work
REPAIR/REINSTALL

Expected Start Date

Notice is hereby given that the site you have requested a permit for is recorded with the City of Chicago Department of Environment as potentially having environmental contamination on the site and adjacent right-of-way. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, or in the adjacent right-of-way, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at the Department of Environment at 33 N. LaSalle St., Suite LL-120, Chicago, Illinois 60602 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 744-7606 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued if the ground is exposed or excavated. Please note that for some locations, additional health and safety procedures may be required by law.

Please complete the following:

I have reviewed and understand the documents, maintained by the Department of Environment, regarding environmental contamination of the site and adjacent right-of-way. Further, I will ensure that all work at the subject site and adjacent right-of-way, and any monitoring required including but not limited to radiation monitoring, will be performed in a manner that is protective of human health and the environment and in compliance with all applicable local, state, and federal laws, rules, and regulations, especially those pertaining to worker safety and waste management. I will ensure that the results of any radiation monitoring and/or surveying conducted shall be provided to the Department of Environment and the United States Environmental Protection Agency within two (2) weeks of their completion. If any elevated levels of radioactive material are detected, I will immediately contact the United States Environmental Protection Agency at (800) 424-8802.

Applicant Name (print) ROBERTO J. CARMONA

Signature [Signature] Date 13 AUG 10

Company VERMEX, INC.

Company Address / Phone No. 2719 W. CERMAK RD, CHICAGO IL 60623
312.636.2004

Check if City Department Work Department Name N/A

General / Prime Contractor VERMEX, INC SUBS (CEISEL MASONRY)
Include subcontractor information if applicable (BROWNS ASPHALT AND PAVING)

Address NORTUBROOK

Phone No. 847.721.8085

Safety Officer / Phone No. STEVE KORNER 847.279.2448

Radiation Contractor / Phone No. (if applicable) 847.343.6007

Department of Environment Approval / Date [Signature] 8/13/2010

Please return this completed form to the City of Chicago Department of Transportation at 30 N. LaSalle St., Room 1101, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday).

For DOE Use Only

