AECOM
303 E. Wacker Drive, Suite 900
Chicago, Illinois 60601

312-938-0300 tel
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October 23, 2012

Burberry Limited
c/o Watershed Partners, Inc.
1406 West Lake Street, Suite 201
Minneapolis, MN 55408
Attn: Mr. Steven Nulsen

RE: Radiological Survey of Subsurface Geotechnical Investigation
Permit No.: 172285061
Permit Address: 641 North Michigan Avenue
AECOM Project No. 60216198

Dear Mr. Nulsen:

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 Technical Services, Inc. (AECOM) provided the required radiation surveillance completed on September 27, 2012 for an excavation to remove existing sidewalk and digging trenches for the foundation of retaining walls of the the sidewalk planter boxes.

Surveying was performed for the soil underneath a 20-foot by 110-foot section of sidewalk removed along North Michigan Avenue, with 1.5-foot trenches outlining the foundation of planter box retaining walls to a depth of 18-inches below ground surface (see sketch). The monitoring revealed no indication of soils above the specified clean-up value established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA clean-up value 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 inch Nal probe (Model 44-10). For the instrument used, the gamma count threshold equivalent to the 7.1 pCi/g clean-up value was 20,356 counts per minute (cpm) unshielded (7,567 cpm shielded). The field gamma background for the area was measured at approximately 5,000 cpm unshielded. The field gamma measurements within the excavation and of the spoil materials generated during the excavation process did not exceed the respective field instrument threshold value previously stated and ranged from a minimum of 6,900 cpm to a maximum of 9,700 cpm unshielded. Thus, there was no indication of the presence of radiologically-contaminated material and/or an exceedance of the USEPA cleanup value of 7.1 pCi/g total radium.

As part of the permit conditions this letter has been forwarded to:

Chicago Department of Public Health
Attention: Ms. Rahmat Begum
333 South State Street, Rm. 200
Chicago, Illinois 60604

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

Regards,

Joshua J. Rowe
Project Scientist II

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

cc: Rahmat Begum, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: Permit
Sketch

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

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.**

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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.

Permit No. T122850601

Date 8/10/11

Site Address

630-657 N. Michigan

Work Location (Describe exact site location and attach map)

633-651 N. Michigan

Nature of Work
TREE REMOVAL

Expected Start Date
8/15/11

Applicant Name (print) DENNIS CHRIS POULOS

Signature Dennis Chris Poulos Date 8-10-11

Company Power Construction

Company Address / Phone No. 2360 N. Palmer Schaumburg IL 60173

Check if City Department Work ☐ Department Name _____

General / Prime Contractor POWER CONSTRUCTION Company
*Include subcontractor information if applicable*

Address 2360 N. Palmer Drive, Schaumburg, IL 60173

Phone No. 847-417-3601

Safety Officer / Phone No. MR. SHAUN RAINEY 847-417-4959

Radiation Contractor / Phone No. (if applicable) AECOM - STEVE KORNDER

Department of Environment Approval / Date _____

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).

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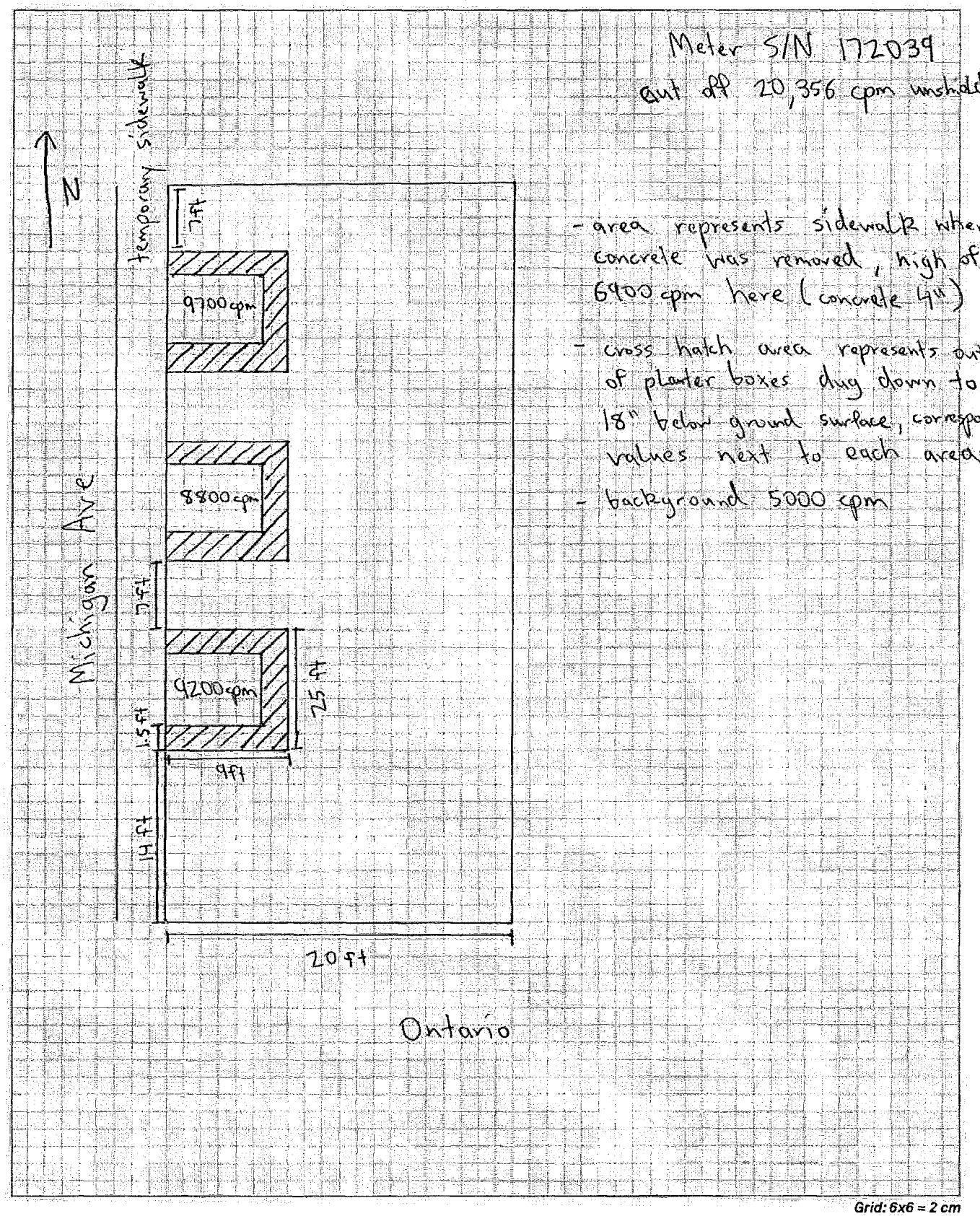
***For DOE Use Only***

*Revised June 18, 2010*

AECOM

JOB TITLE Burberry - 641 N Michigan Ave
JOB NO. 60216198 CALCULATION NO.
ORIGINATOR Joshua Rowe DATE 10/23/12
REVIEWER Steve Kornder DATE 10/23/12
SCALE not to scale SHEET NO. 1 OF 1

Meter S/N 172039
cut off 20,356 cpm unshielded




- area represents sidewalk where concrete was removed, high of 6900 cpm here (concrete 4")
- cross hatch area represents outline of planter boxes dug down to 18" below ground surface, corresponding values next to each area
- background 5000 cpm

Grid: 6x6 = 2 cm