



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

312-938-0300 tel  
312-938-1109 fax

November 9, 2012

Mr. Narendra Prasad  
People's Gas Light & Coke Co.  
Environmental Services Department  
130 East Randolph, 22nd Floor  
Chicago, IL 60601

RE: Radiological Survey of Right-of-Way Utility Excavation  
Permit No.: 277763679  
Permit Address: 260 E. Ontario Street  
AECOM Project No. 60157647

Dear Mr. Prasad:

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 monitoring on October 31 and November 1, 2012 for a trench excavation to provide natural gas service to a proposed building currently under construction at 260 E. Ontario Street.

Surveying was conducted in 18-inch lifts for soils removed from an excavation in the E. Ontario Street Right of Way (see attached sketch). The excavation, started on October 31, 2012 and completed the following day, was monitored to a depth of approximately 48 inches below ground surface. 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 cleanup value for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g total radium (Ra-226 + Ra-228)). The field gamma background for the area was measured at approximately 5,230 cpm unshielded.

Gamma radiation count measurements for the project were made using a Ludlum Model 2221 survey meter and an unshielded 2 x 2 NaI probe (Model 44-10). For the instrument used, the gamma count threshold equivalent to the 7.1 pCi/g cleanup value was 20,356 counts per minute (cpm) unshielded (7,567 cpm shielded). 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 values previously stated and maximum values observed at each lift ranged from 7,700 to 11,500 cpm unshielded. Thus, there was no indication of the presence of radiologically-contaminated soil and/or an exceedance of the USEPA cleanup value of 7.1 pCi/g total radium.

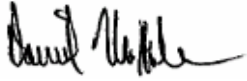
As part of the permit conditions this letter has been forwarded to:

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

Radiological Survey of Right-of-Way Utility Excavation  
Permit No.: 277763679  
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Please contact us with any questions you have regarding this letter or the reported results.

Regards,



Dan McHale  
Senior Project Hydrogeologist



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

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

Attachments: Permit  
Sketch



DEPARTMENT OF PUBLIC HEALTH  
CITY OF CHICAGO

FORM NO. CDPH.ROW.03

Notice is hereby given that the site you have requested a permit for is recorded with the City of Chicago Department of Public Health (CDPH) 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 CDPH at 33 N. LaSalle St., Suite LL-120, Chicago, Illinois 60602 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 744-3152 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 CDPH, 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 CDPH 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): Maria G. Oliver

Signature: Maria G. Oliver

Site Address and Work Location (Describe exact site location and attach map): 230-259 E Ontario

Nature of Work: New Service Installation

Company Name, Address, Phone No.: Peoples Gas, 130 E. Randolph (312) 240-4692

General / Prime Contractor Name, Address, Phone No.: Bob Anderson 130 E. Randolph (773) 592-7856

Safety Officer / Phone No. Jake Wilken, (773) 542-7838

Radiation Contractor / Phone No. (if applicable) AECOM, Inc Steve Kender (847) 279-2500

Check if City Department Work  Department Name: \_\_\_\_\_

CDOT Permit No.: 277763679

Today's Date: 10/16/12 Expected Start Date: ASAP

CDPH Approval / Date Fahmatoua Bege

Please return this completed form to the Chicago Department of Transportation, Division of Infrastructure Management, Public Way Permit Office, City Hall - Room 905, 121 N. LaSalle St., Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

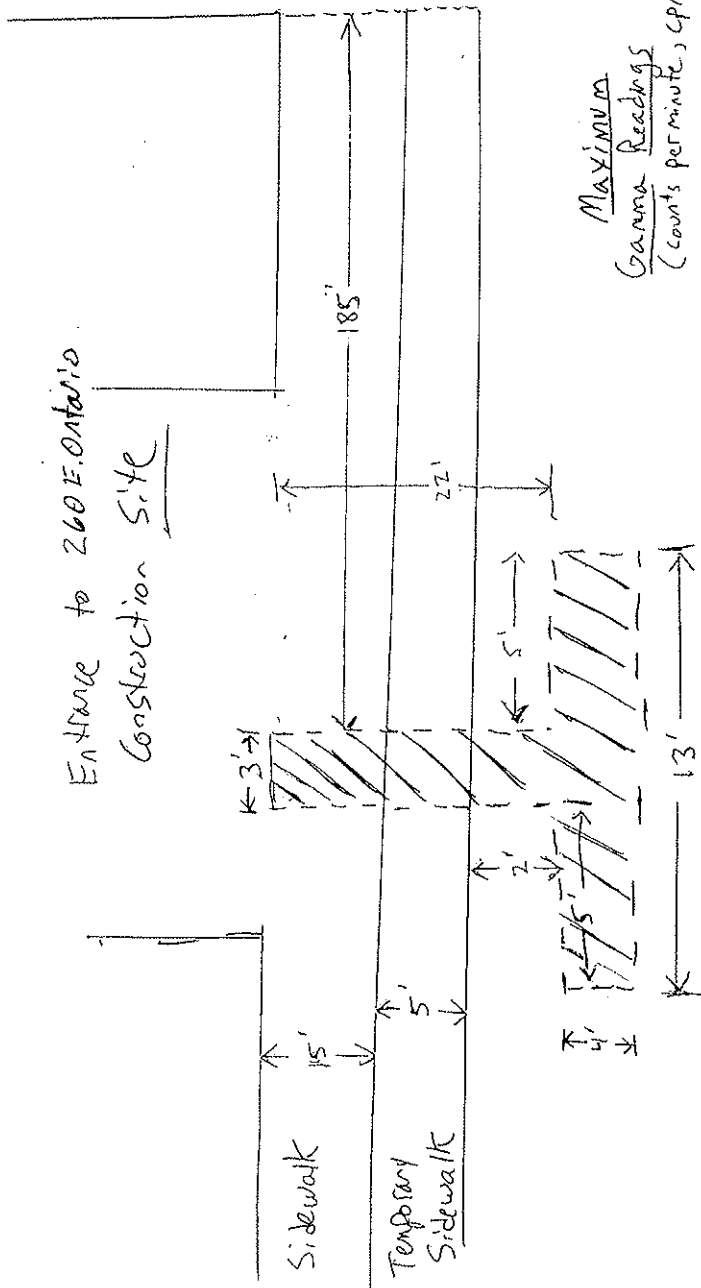
For CDPH Use Only

Radiological Soil Monitoring at 260 E. Ontario  
 6/31/12 - 11/1/12

N ←

Not to Scale

N. Fairbanks Ct.



MAXIMUM  
 Gamma Readings  
 (counts per minute, cpm)

|              |                  |
|--------------|------------------|
| 0-6"         | concrete/asphalt |
| 6"-24"       | 7,700 cpm        |
| 24"-42"      | 8,500 cpm        |
| 42"-60"      | 11,500 cpm       |
| (Background) | 5,730 cpm        |

E. Ontario St.