



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

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



May 1, 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.: 252580634  
Permit Address: 401 East 26th 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 surveillance on April 27, 2012 for the installation of an anode on existing gas service piping.

Surveying was performed for the soil removed from an 18-inch vacuum excavated borehole at South Martin Luther King Drive and East 26th Street (see sketch) to a depth of 7-feet below ground surface required for installation of the anode protection on the existing gas service piping. For this excavation a vacuum truck was used to remove the soil, therefore the probe had to be lowered into the borehole at 12 to 15-inch intervals.

A cleanup criterion has not been approved for this area by the USEPA. Therefore, the USEPA has requested that the field instrument threshold for potentially radiologically contaminated material conservatively be set at approximately twice the field instrumentation background. Gamma radiation count measurements for the project were made using Ludlum Model 2221 survey meter and a shielded 2 x 2 inch NaI probe (Model 44-10). To perform the screening the shielded probe required a longer (25-foot) cable. The field instrumentation gamma background for the surrounding area outside the excavation based on multiple measurements using a shield and a 25-foot cable was approximately 934 counts per minute (cpm). Thus, twice this field instrumentation background, or 1,868 cpm, was considered as the conservative indicator of potential contamination.

The excavation/borehole monitoring revealed no gamma counts above twice the field instrument background. The field gamma measurements within the borehole ranged from a minimum of 1,200 cpm to a maximum of 1,550 cpm shielded. Thus, there was no indication of the presence of radiologically contaminated material and/or an exceedance of twice the project specific field instrument background.

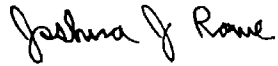
As part of the permit conditions this letter has been forwarded to:

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.: 252580634  
Page 2

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



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): 401 E. 26th St.

Work in street, sidewalk, parkway

Nature of Work: Excavation

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

General / Prime Contractor Name, Address, Phone No.: Rachel Nielsen, 130 E. Randolph (773) 395-4254  
*Include subcontractor information if applicable)*

Safety Officer / Phone No. Ed Beauregard (773) 962-4830

Radiation Contractor / Phone No. (if applicable) AECOM, Inc, Steve Konder (847) 279-2448

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

CDOT Permit No.: 252580634

Today's Date: 4/18/12 Expected Start Date: ASAP CDPH Approval / Date Fahmatussuzahan  
4/18/12

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

JOB TITLE 401 E 26th St - Integrays  
 JOB NO. 60157647 CALCULATION NO. \_\_\_\_\_  
 ORIGINATOR Josh Rowe DATE 4/27/12  
 REVIEWER \_\_\_\_\_ DATE \_\_\_\_\_  
 SCALE not to scale SHEET NO. 1 OF 1

