



AECOM
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September 29, 2011

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

US EPA RECORDS CENTER REGION 5



RE: Radiological Survey of Right-of-Way Utility Stake Anode Installation
Permit No.: 173584561
Permit Address: 455 North Saint Clair 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 September 20, 2011 for the installation of a stake anode for a gas main and connection.

Surveying was performed for the asphalt, concrete, and soil removal of a 16-inch boring required for installation of a stake anode connection to a gas main. The monitoring 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 18,771 counts per minute (cpm) unshielded (7,122 cpm shielded). The field gamma measurements within the spoil materials generated during the drilling process did not exceed the respective threshold values previously stated with the maximum unshielded gamma reading observed being 5,500 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,

Brian R. Schmidt
Project Scientist II

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

cc: Rahmat Begum, Chicago Department of Environment
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.

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. 173584561

Date 8/26/11

Site Address

455 N. St. Clair

Work Location (Describe exact site location and attach map)

Parkway

Nature of Work

Corrosion

Expected Start Date

ASAP

Applicant Name (print) Maria Oliver

Signature Maria Oliver Date 8/26/11

Company People's Gas

Company Address / Phone No. 130 E. Randolph (312) 246-4392

Check if City Department Work Department Name _____

General / Prime Contractor Rachel Nielsen

Include subcontractor information if applicable

Address 130 E. Randolph

Phone No. (773) 406-2019

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

Radiation Contractor / Phone No. (if applicable) AECOM Steve Kramer (312) 279-2448

Department of Environment Approval / Date Rahmatunisa Begum

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

Calculation Sheet

Project 455 N. ST. CLAIR ST.				Subject RADIO ACTIVE JOB SURVEY		
Originated By BLS	Date 4/20/11	Checked By BLS	Date 6/20/11	Job No. 60157647	Scale N/A	Sheet No. 1 of 1

