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

312-938-0300 tel
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August 22, 2013

Mr. Mike Jouras
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.: 370683332
Permit Address: 333 East North Water Street
AECOM Project No. 60157647

Dear Mr. Jouras:

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 August 13, 2013 for an excavation to install a gas service line for the address located at 333 E. North Water St (aka 455 N Park St).

Surveying was performed for the soil removed from a 6-foot by 33-foot trench excavation within the street on the north side of East North Water Street (see sketch) to a depth of 3-feet below ground surface, required for installation of a new gas service line. 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 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 inch NaI probe (Model 44-10). For the instrument used, the gamma count indicative of the 7.1 pCi/g cleanup value was 17,915 counts per minute (cpm) unshielded. The field gamma background for the area was measured at approximately 6,000 cpm unshielded. The field gamma measurements within the excavation and of the spoil material generated during the excavation process did not exceed the threshold equivalent to the USEPA cleanup value previously stated and ranged from a minimum of 7,400 cpm to a maximum of 10,500 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, Room 200
Chicago, Illinois 60604

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 Public Health
Verneta Simon, USEPA

Attachments: Permit
Sketch

DEPARTMENT OF PUBLIC HEALTH

CITY OF CHICAGO

FORM NO. CDPH.PRPTY.02

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. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, 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. Further, I will ensure that all work at the subject site, 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 surveying conducted shall be provided to 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): 333 E. North Water St

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 (773) 542-7856
Include subcontractor information if applicable)

Safety Officer / Phone No. Jerry Grass (773) 542-7927

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

Check if City Department Work ☐ Department Name:

CDOT Permit No. or Developer Services No..: 370683332

Today's Date: 7/26/13 Expected Start Date: 7/30/13 CDPH Approval / Date Rahmatullah Begg 7/26/2013

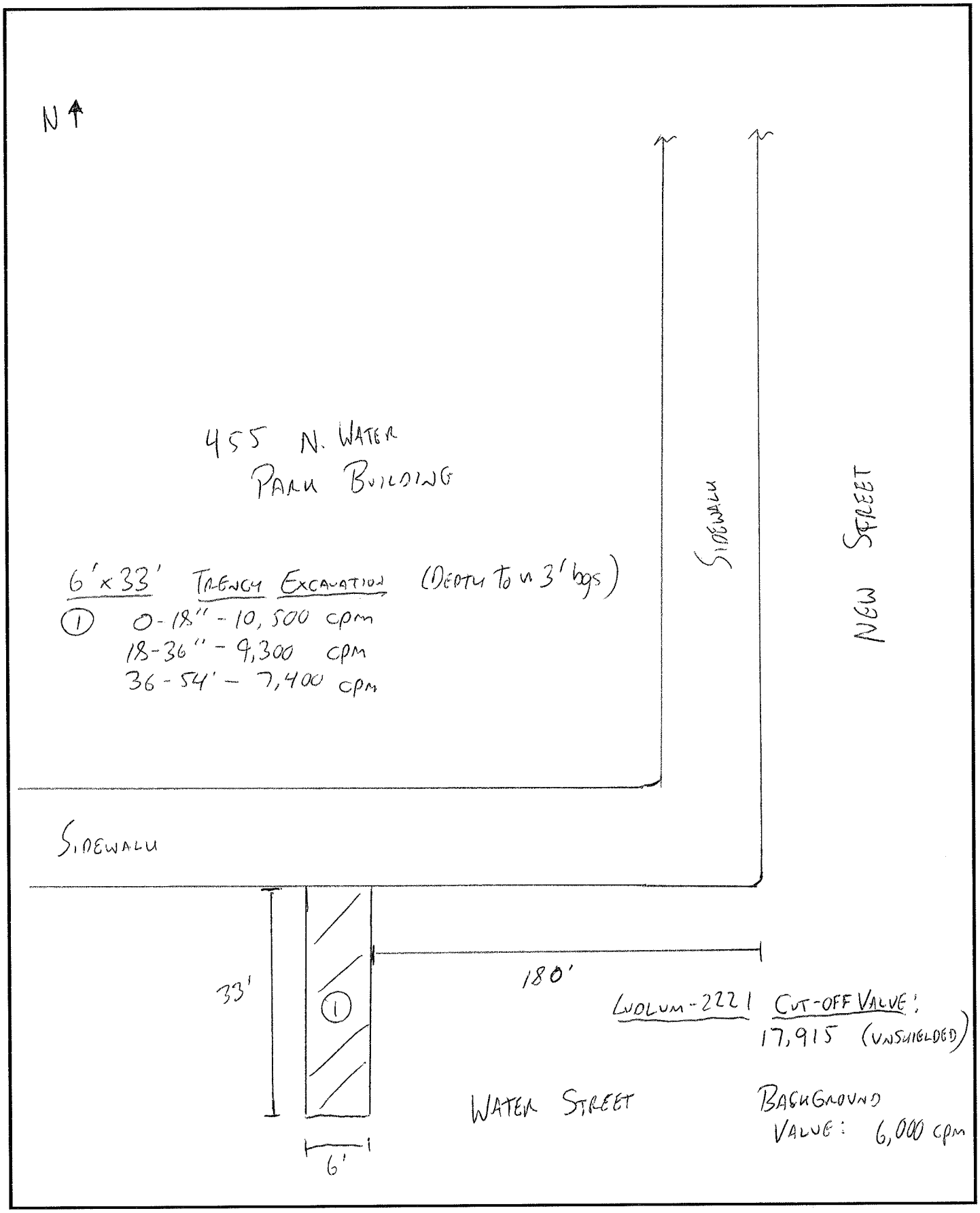
Please return this completed form to the Chicago Department of Public Health at 33 N. LaSalle St., LL120, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

For CDPH Use Only

333 E. N. WATER ST. PARK 455 N. WATER PARK

AECOM

JOB TITLE INTEGRYS - GAS SERVICE INSTALLATION

JOB NO. 60157647 T.45 CALCULATION NO. _____ ORIGINATOR BRIAN SCHMIDT DATE 8/13/13

SHEET 1 OF 1 REVIEWER STEVE KORNDER DATE 8/13/13