



AECOM
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955827

May 12, 2020

Mr. Naren Prasad
Peoples Gas Light & Coke Co.
Environmental Services Department
200 E. Randolph Street, 24th Floor
Chicago, IL 60601

RE: Streeterville Thorium Monitoring Results – Corrosion Protection
Permit No.: CDOT1227051
Permit Address: 251-52 E Ohio St., Chicago, Illinois
AECOM Project No. 60157647.133

Dear Mr. Prasad:

Pursuant to conditions specified in the right-of-way (ROW) form (attached) issued by the City of Chicago Department of Public Health (CDPH), radiation monitoring was required to be performed at the above referenced site. AECOM Technical Services, Inc. (AECOM) provided the required radiation surveillance on May 7, 2020, for a 5 X 5-foot excavation required to cut-off an inactive gas service located in the ROW at 251-52 E. Ohio St. (refer to the attached annotated map).

Surveying was performed within the excavation located in the ROW of E. Ohio St. The location was approximately 80-feet west of the curb on N. Fairbanks and 10-feet south of the northern curb of E. Ohio St. Refer to the attached annotated drawing for the approximate location of the excavation. The final depth of the 5 X 5-foot excavation was approximately 3.5-feet.

The monitoring did not indicate that the fill soils were above the removal action level established by the U.S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA removal action level 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 recorded using Ludlum Models 2221 survey meter and a shielded 2 x 2 inch NaI probe (Model 44-10). For the instrument used the gamma count threshold indicative of the 7.1 pCi/g removal action level is 6,818 (S/N: 326726) counts per minute (cpm) shielded utilizing a short cord.

The field gamma measurements within the excavation did not exceed the instrument threshold previously stated and ranged from 1,700 cpm to a maximum of 2,700 cpm shielded. The field instrument fill soil background measured at a nearby planter was 2,700 cpm. Based on field observations there was no indication of the presence of radiologically-contaminated fill and/or an exceedance of the USEPA removal action level of 7.1 pCi/g total radium. A copy of the CDPH form, annotated map and the tabulated gamma results are included as attachments.

As part of the permit conditions, a PDF copy of this letter is being forwarded to Terry Sheahan (CDPH) and Verneta Simon (USEPA) to fulfill the requirements of the CDPH.

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

Regards,



Eric Sulita, P.E.
Environmental Engineer III



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

cc: Terry Sheahan, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: CDPH Permit Form and Map
Annotated Map and Tabulated Gamma Results

CDPH PERMIT FORM



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

(STREETERVILLE Right-of-Way)

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.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at CDPH at 333 S. State St., Room 200, Chicago, Illinois 60604 during normal business hours (8:30AM-4:30PM, Monday through Friday).

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.

Applicant Name (print): Maria Oliver Signature: Maria J Oliver

Site Address and Work Location (Describe exact site location and attach map): 251-52 E Ohio ST

Nature of Work: Inactive cut-off

Company Name, Address, Phone No.: Peoples Gas, 200 E Randolph (312) 240-4692

General / Prime Contractor Name, Address, Phone No.: Jose Gomez (312) 509-3216

Include subcontractor information if applicable Safety Officer / Phone No. Danielle Clopton (312) 240-6674

Radiation Contractor / Phone No. and email address (if applicable) Steve Kornder, AECOM, Inc (262) 515-7700

Check if City Department Work [] Department Name:

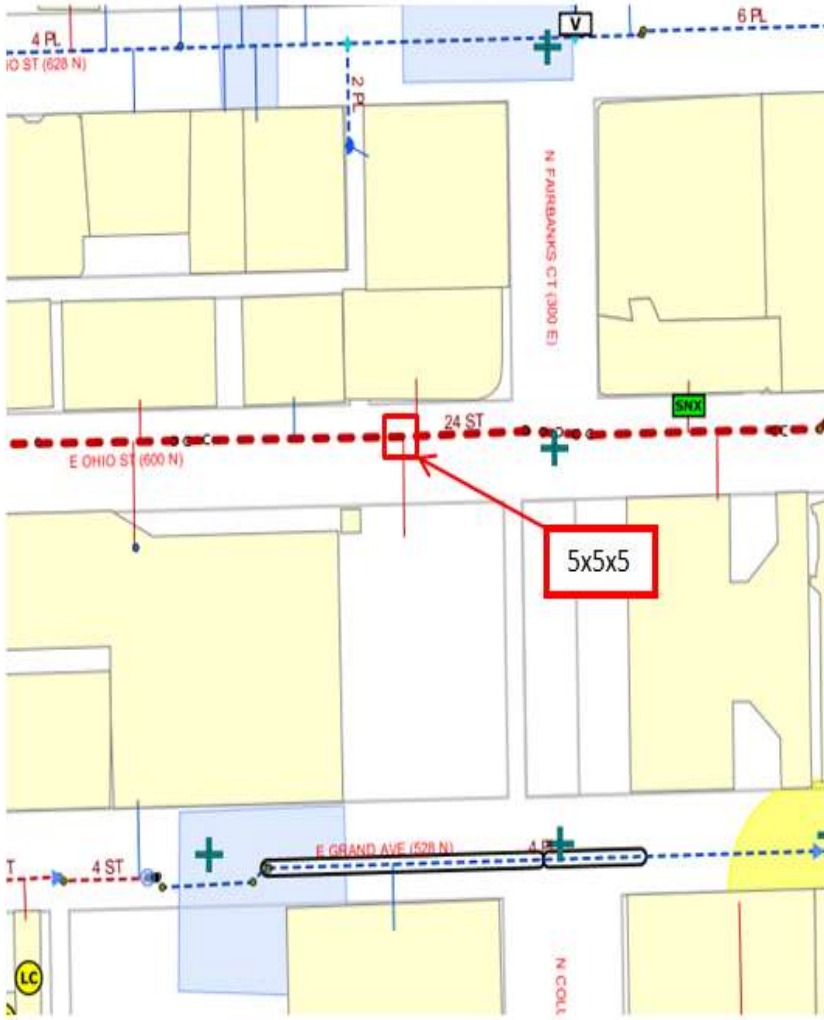
CDOT Permit No.: DOT1227051

Today's Date: 4-13-20 Expected Start Date: 4-15-20 CDPH Approval / Date

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)

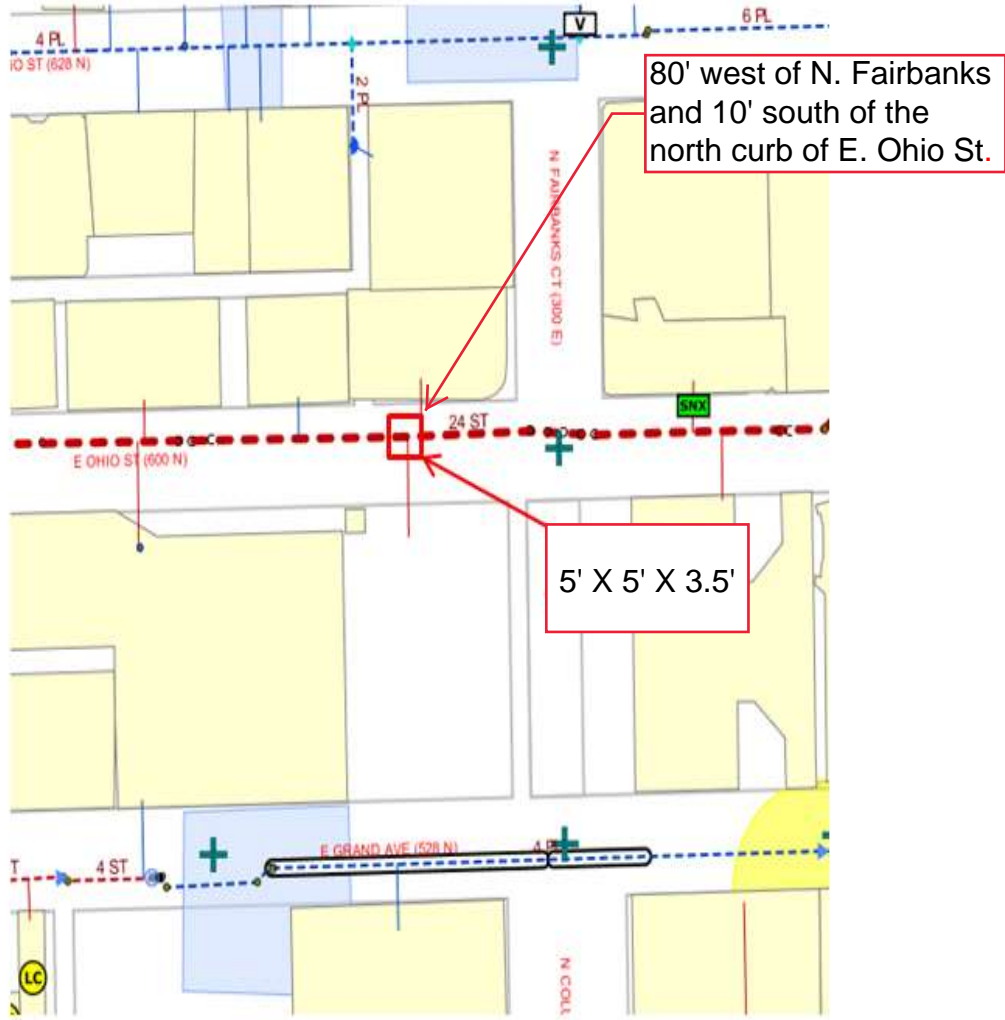
For CDPH Use Only

251-52 E Ohio St



ANNOTATED MAP AND GAMMA RESULTS

Peoples Gas - May 7, 2020
251-52 E Ohio St



**Gamma Survey Results
People's Gas**

Survey Equipment

Location:	251-52 E Ohio St.
CDPH:	CDOT1227051
Ludlum 2221 S/N:	326726
Cutoff:	6,818 cpm
Background:	2,700 cpm
Personnel:	E. Sulita
Date of Screening:	5/7/2020

Survey Results

Location	Depth (inches)	Maximum Readings (cpm)
5' x 5' excavation 80' west N. Fairbanks and 10' south of the north curb of E. Ohio St.	0-12	concrete
	12-24	2,700
	24-36	1,900
	36-40	1,900
	40	1,700