



AECOM
303 E. Wacker Drive, Suite 1400
Chicago, Illinois 60606

312-939-1000 tel
312-939-4198 fax

973936

March 16, 2022
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 Nos.: DOT1641750 and DOT1641915
Permit Addresses: 150-53 N. Field Blvd. and 236-48 N. Columbus Dr., Chicago, IL
AECOM Project No. 60157647.148

Dear Mr. Prasad:

Pursuant to conditions specified in the Right of Way (ROW) forms (attached) issued by the City of Chicago Department of Public Health (CDPH), radiation monitoring was required to be performed at the above referenced sites. AECOM Technical Services, Inc. (AECOM) provided the required radiation surveillance on February 28, 2022 for a single 18-inch diameter excavation at each of the referenced addresses to install corrosion protection (refer to maps included with CDPH forms). The excavations were 18-inches in diameter to a depth of 6-7 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 a Ludlum Model 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 6,110 (S/N: 176944) counts per minute (cpm) shielded.

150-53 N. Field Blvd.

Field gamma measurements within this opening did not exceed the instrument threshold previously stated and ranged from 833 cpm to a maximum reading of 1,610 cpm shielded. The background gamma count of nearby soils was measured at 1,044 cpm shielded. 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.

236-48 N. Columbus Dr.

Field gamma measurements within the opening did not exceed the instrument threshold previously stated and ranged from 1,220 cpm to a maximum reading of 2,732 cpm shielded. The background gamma count of nearby soils was measured at 1,044 cpm shielded. 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 PDF copy of this letter will be forwarded via email to the CDPH and Verneta Simon (USEPA) to fulfill the requirements of the CDPH. Copies of the CDPH form, photographs, and the tabulated gamma results are included as attachments.

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: Ahmad Nur, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: CDPH Permit Form and Map
Photographs and Gamma Results

CDPH PERMIT FORMS



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

FORM NO. CDPH.ROW.03 (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. 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 333 S. State St., Room 200, Chicago, Illinois 60604 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 745-3152 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 Oliver Signature: Maria J Oliver

Site Address and Work Location (Describe exact site location and attach map): 150-53 N Field Blvd- Install Test Leads & #32 Anode on Service in Street. Qty (1) 1'x1' Keyhole Core in Street.

Nature of Work: Corrosion Repairs / Maintenance

Company Name, Address, Phone No.: Peoples & North Shore Gas. 200 E Randolph. 312-240-4692

General / Prime Contractor Name, Address, Phone No.: MEADE. 625 Willowbrook Center Pkwy. Willowbrook, IL 60527. 708-588-6265

Include subcontractor information if applicable

Safety Officer / Phone No. David Krefft (708) 683-0785

Radiation Contractor / Phone No. (if applicable) AECOM. 303 E. Wacker Drive, Suite 1400. Chicago, IL 60601. 262-515-7700. Steve Kornder, Ph.D.

Check if City Department Work [] Department Name:

CDOT Permit No.: DOT1641750

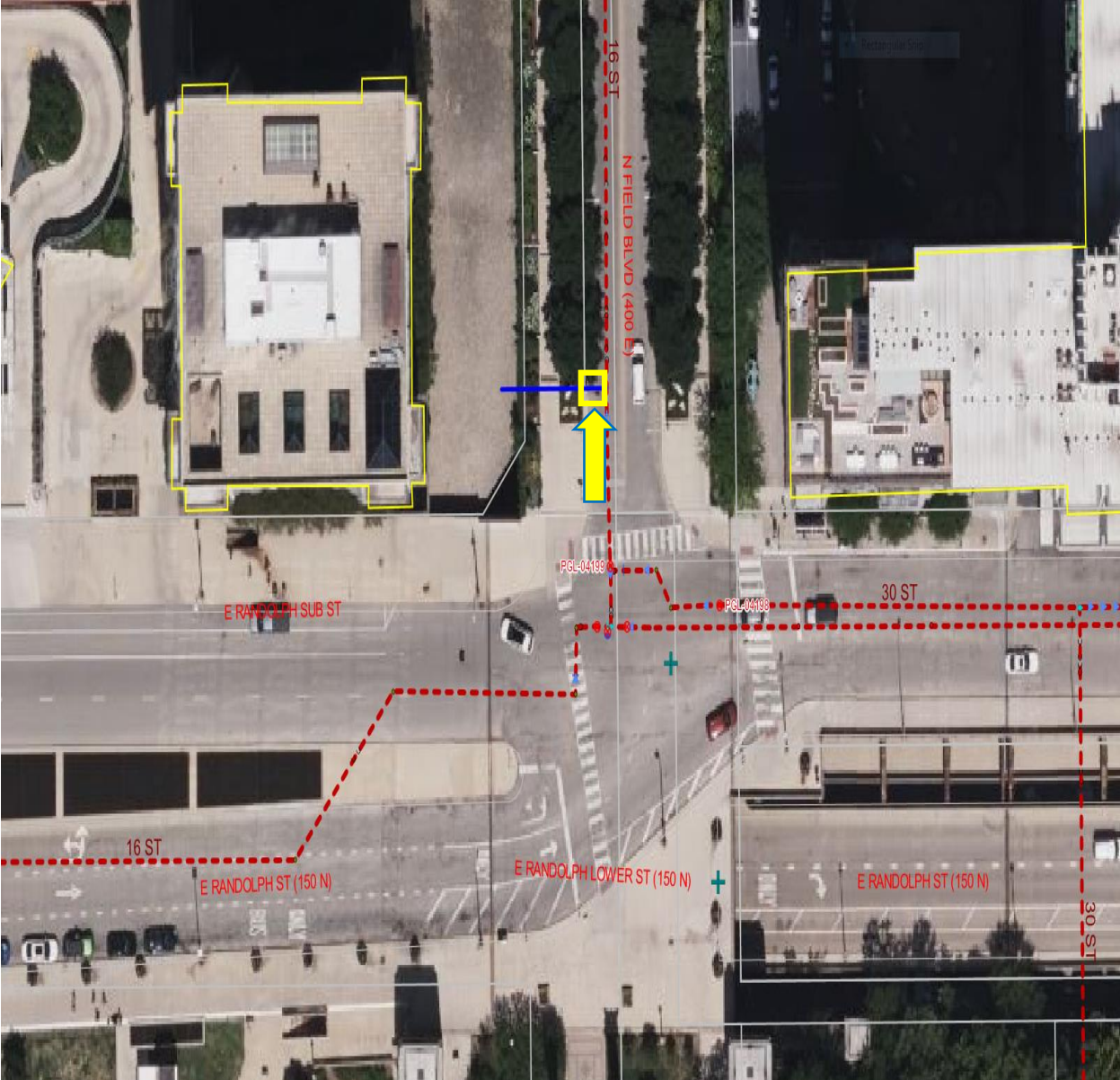
Today's Date: 2-10-22 Expected Start Date: 2-15-22 CDPH Approval / Date ahmad nur 02/10/2022

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

150-53 N Field Blvd Corrosion-Installing Anode

1x1x1 Keyhole core Street opening at 35 NN Randolph St





DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

FORM NO. CDPH.ROW.03 (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. 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 333 S. State St., Room 200, Chicago, Illinois 60604 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 745-3152 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 Oliver Signature: Maria J Oliver

Site Address and Work Location (Describe exact site location and attach map): 236-48 N Columbus Dr-Install Test Leads and Qty (2) #32 Anodes on Service in Street. Qty (1) 1x1 Keyhole Core in Street

Nature of Work: Corrosion Repairs / Maintenance

Company Name, Address, Phone No.: Peoples & North Shore Gas. 200 E Randolph. 312-240

General / Prime Contractor Name, Address, Phone No.: MEADE. 625 Willowbrook Center Pkwy. Willowbrook, IL 60527. 708-588-6265 Include subcontractor information if applicable

Safety Officer / Phone No. David Krefft / 708-683-0785

Radiation Contractor / Phone No. (if applicable) AECOM. 303 E. Wacker Drive, Suite 1400. Chicago, IL 60601. 262-515-7700. Steve Kornder

Check if City Department Work [] Department Name:

CDOT Permit No.: DOT1641915

Today's Date: 2-10-22 Expected Start Date: 2-15-2022 CDPH Approval / Date ahmad nur 02/10/2022

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

236-48 N Columbus Dr

Corrosion-Installing Anode

1x1x1 Keyhole core Street opening at 17 SS Wacker Dr



PHOTOGRAPHS AND GAMMA RESULTS

**Gamma Survey Results
People's Gas**

Survey Equipment

CDOT Nos:	1641750 and 1641915
Ludlum 2221 S/N:	176944
Cutoff	6,110 cpm
Background	1,044 cpm
Personnel:	D. Domino
Date of Screening:	2/28/2022

Survey Results

Location	Depth (inches)	Maximum Readings (cpm)
150-53 N Field Blvd	0-12	concrete
	12	1215
	24	833
	36	942
	48	1302
	60	1430
	72	1610
236-48 N Columbus Dr	0-12	concrete
	12	1747
	24	1918
	36	1722
	48	1980
	60	1220
	72	2400
	84	2732

PICTURE 1: VIEW OF THE COMPLETED CORROSION PROTECTION EXCAVATION AT 150-53 N. FIELD BLVD.



PICTURE 2: VIEW OF THE COMPLETED CORROSION PROTECTION EXCAVATION AT 236-48 N. COLUMBUS DR.

