



AECOM
100 S. Wacker Drive, Suite 500
Chicago, Illinois 60606

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

July 12, 2018

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

RE: Corrosion Protection Installation
Permit No.: DOT960409 (Originally DOT 943422)
Permit Address: 549 N. McClurg Ct., Chicago, Illinois
AECOM Project No. 60157647.100

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 July 5, 2018 during an excavation related to service line corrosion protection installation.

Surveying was performed on the fill removed at 549 N. McClurg Ct. required to address a corrosion protection installation. The work consisted of two keyhole cores (boring) approximately 1-foot in diameter, and excavated to a depth of approximately 52-inches below ground surface (bgs). See attached sketch for location of the excavations. The excavations were approximately 60-feet south of the intersection of E. Ohio St. and N. McClurg Ct.

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 an unshielded 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 7,293 (S/N: 326720) counts per minute (cpm) shielded.

The field gamma measurements within the excavations during the excavation process did not exceed the instrument threshold previously stated, and ranged from a minimum of 1,200 cpm to a maximum of 2,900 cpm shielded. The general subsurface stratigraphy during the excavation was composed of road-base and urban fill. 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 permit and a field sketch documenting the area where work was performed, have been included as attachments.

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

Chicago Department of Public Health
Attention: Mr. Terry Sheahan
333 South State Street, Room 200
Chicago, Illinois 60604

Permit Nos.: DOT960409 and DOT943422
Permit Address: 549 N. McClurg Ct.
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Please contact us with any questions you have regarding this letter or the reported results.

Regards,



Andrew Kozak
Geologist



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

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

Attachments: Permit
Sketch

PERMIT



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 G. Oliver Signature: Maria G. Oliver

Site Address and Work Location (Describe exact site location and attach map): 549 N. McClurg Ct

Nature of Work: Corrosion - installing anode

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

General / Prime Contractor Name, Address, Phone No.: Mohamed Mohamedein (262) 515-7700
Include subcontractor information if applicable)

Safety Officer / Phone No. Liviana Gonzalez (773) 794-6869

Radiation Contractor / Phone No. (if applicable) Steve Koruder AECOM, Inc. (262) 515-7700

Check if City Department Work Department Name: _____

CDOT Permit No.: DOT 960409

Today's Date: 6/19/18 Expected Start Date: 6/29/18 CDPH Approval / Date Sheehan 6.19.18

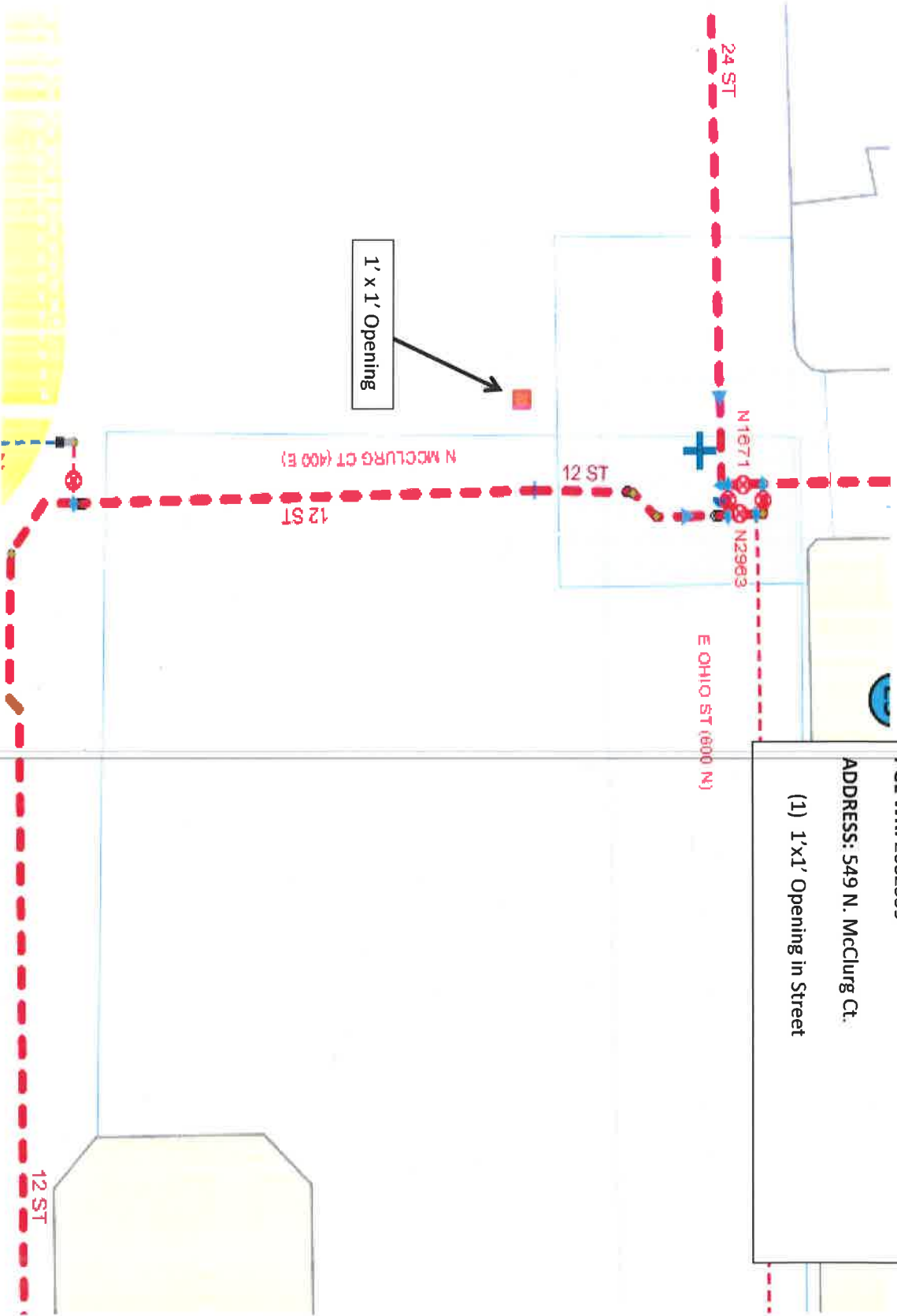
Please return this completed form to the Chicago Department of Transportation, Division of Infrastructure Management, Public Way Permit Office, City Hall - Room 905, 121 N. LaSalle St., Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

For CDPH Use Only

PGL WR: 2682559

ADDRESS: 549 N. McClurg Ct.

(1) 1'x1' Opening in Street





DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

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Applicant Name (print): Maria G. Oliver Signature: Maria G. Oliver
Site Address and Work Location (Describe exact site location and attach map): 549 N. McClurg Ct.

Nature of Work: Corrosion Repair - installing test lead and anode
Company Name, Address, Phone No.: Peoples Gas, 200 E. Randolph (312) 240-4692
General / Prime Contractor Name, Address, Phone No.: Mohamed Mohamedein (773) 395-4253
Include subcontractor information if applicable
Safety Officer / Phone No. Liveida Monsalve (773) 794-6869
Radiation Contractor / Phone No. (if applicable) Steve Komder, AECOM, Inc. (262) 515-7700


Check if City Department Work Department Name: _____

CDOT Permit No.: DOT943422

Today's Date: 5/1/18 Expected Start Date: 5/3/18 CDPH Approval / Date: Shehuan 5-1-18

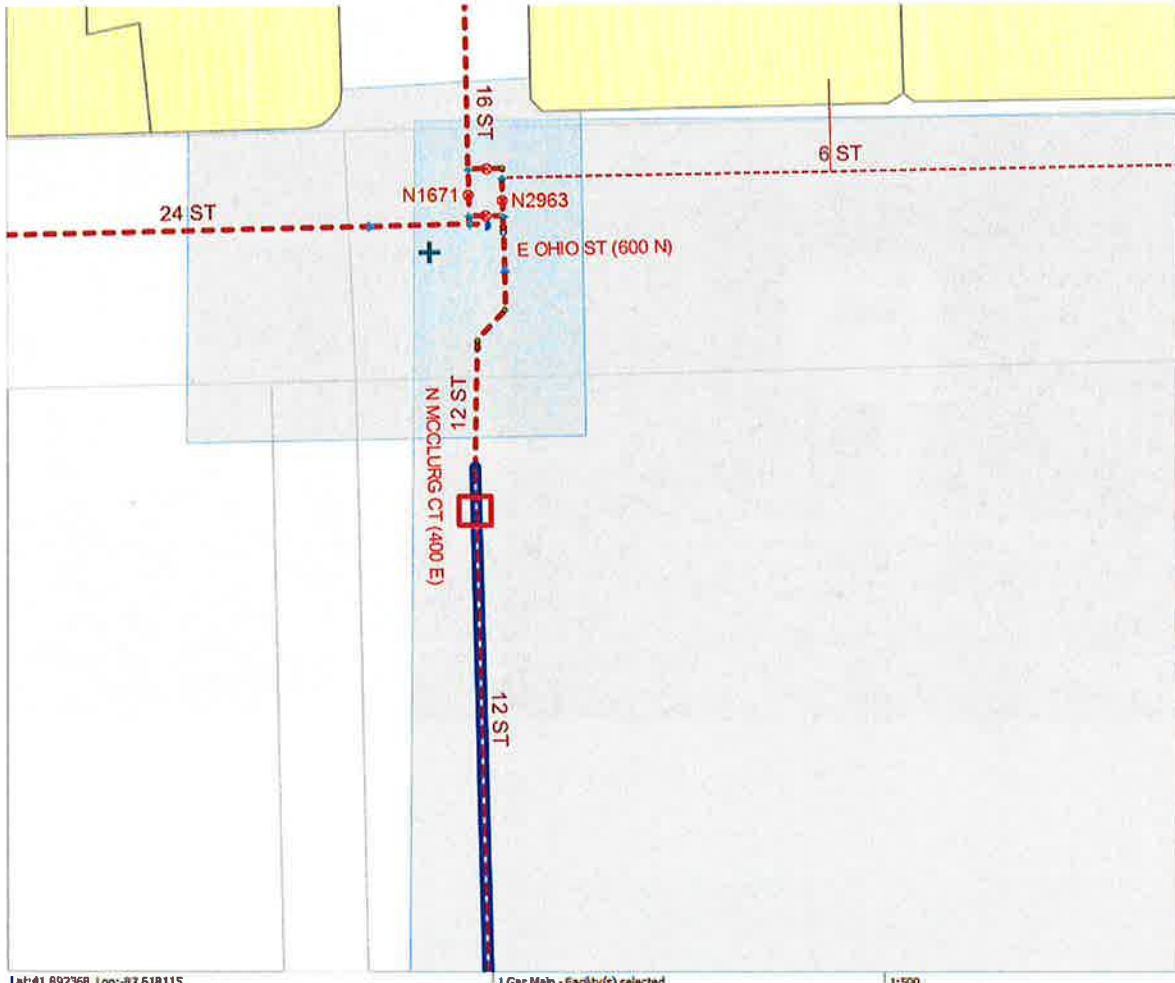
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For CDPH Use Only

 = Work Area.

549 N McClurg CT

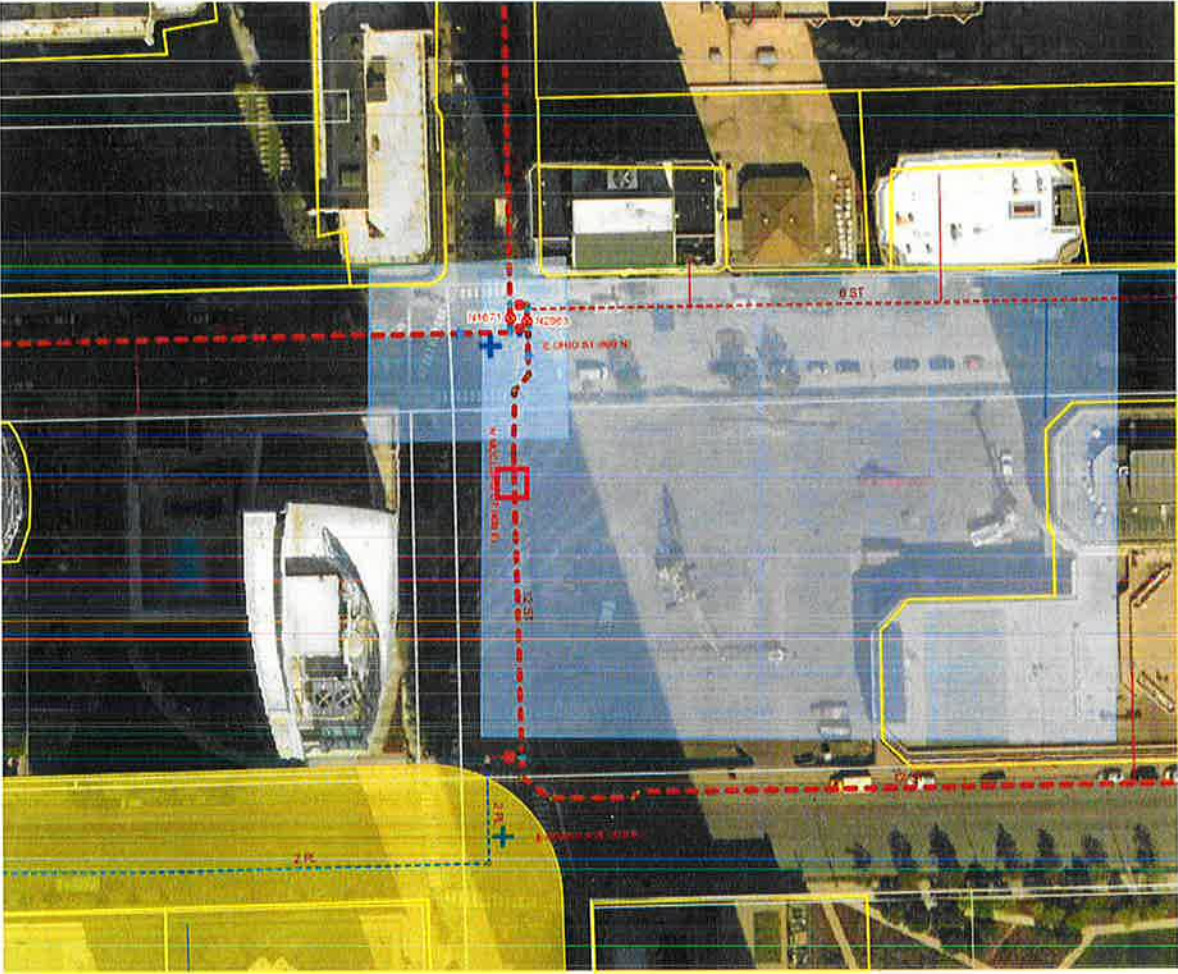
1 x 1 Keyhole Core




1:500 R0236R 1:00-07 618115

1 Cac Main - Facility selected

1:500

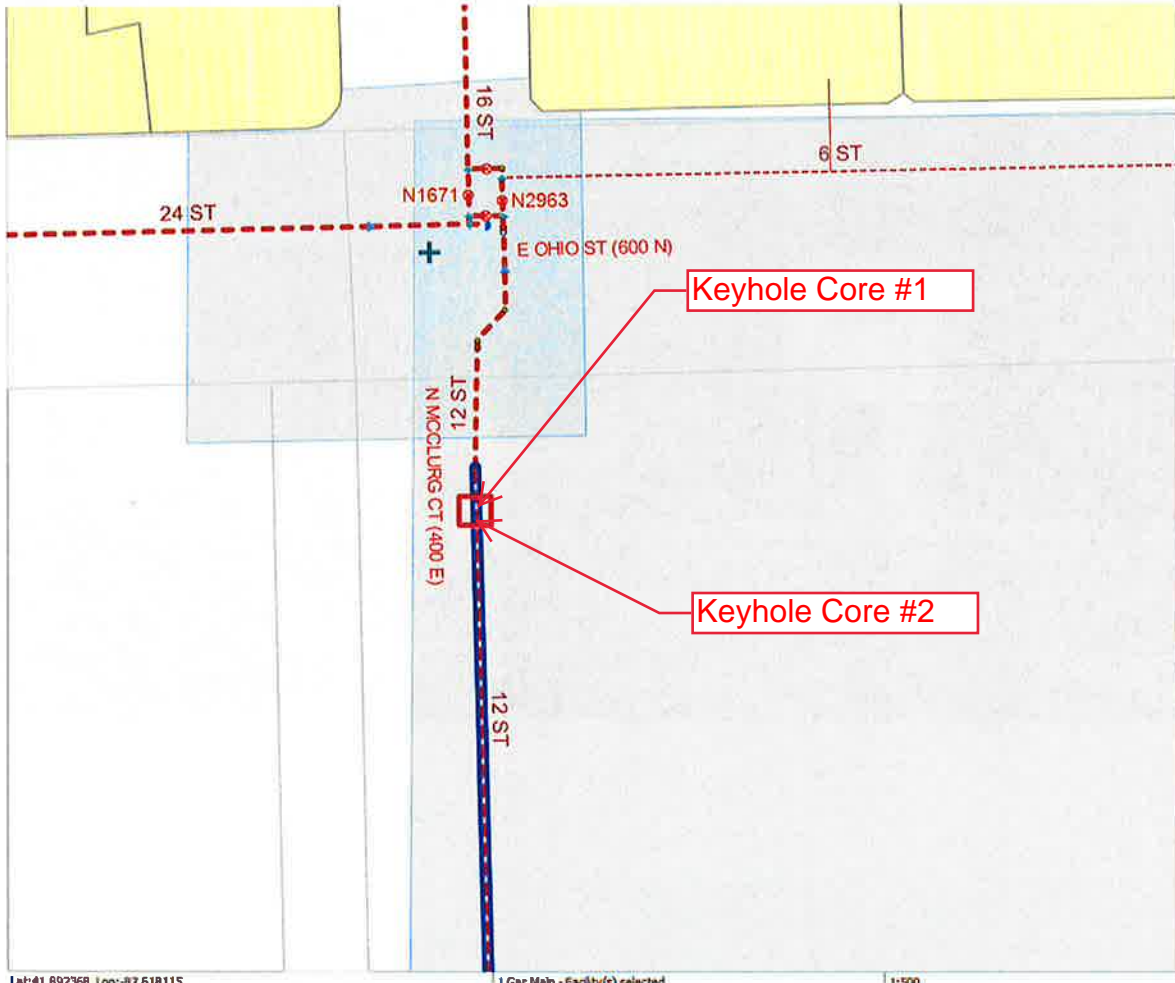


SKETCH

 = Work Area.

549 N McClurg CT

1 x 1 Keyhole Core



Survey Results
People's Gas
549 N. McClurg Ct.

Survey Equipment

Ludlum 2221 S/N:	326720
Probe 2x2 NaI S/N:	PR360158
shielded:	7,293 cpm
background:	-
Personnel:	A. Korczak
Date of Screening:	7.5.18

Survey Results

Section	Depth (inches)	Readings (CPM)
1	0	Roadway
	16	1,400 - 2,100
	34	1,300 - 2,700
	52	1,800 - 2,900
2	0	Roadway
	16	1,200 - 2,300
	34	1,400 - 2,900
	52	1,700 - 2,800