



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

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

July 2, 2018

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

RE: Corrosion Repair – 626 N. Michigan Ave.
Permit No.: DOT943916
Permit Address: 626 N. Michigan Ave., Chicago, Illinois
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 June 6, 2018 during an excavation related to service line corrosion repair.

Surveying was performed on the fill removed at 626 N. Michigan Ave. required to address a corrosion repair. The work consisted of a single circular trench excavation (boring) approximately 2-feet in diameter, and excavated to a depth of approximately 64-inches below ground surface (bgs). See attached sketch for the location of the excavations. The excavation was approximately 10-feet west of the intersection of N. Michigan Ave. and E. Ontario St.

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 1,700 cpm to a maximum of 2,600 cpm shielded. The general subsurface stratigraphy during the excavation was composed of tan fill sand 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

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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): 626 N. Michigan

Nature of Work: Corrosion repair - installing test lead & anode

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

General / Prime Contractor Name, Address, Phone No.: Mohamed Mohamedin (773) 395-4253
Include subcontractor information if applicable

Safety Officer / Phone No.: Liveidaw Mousalwe (773) 794-6869

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


Check if City Department Work Department Name: _____

CDOT Permit No.: DOT 943916

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

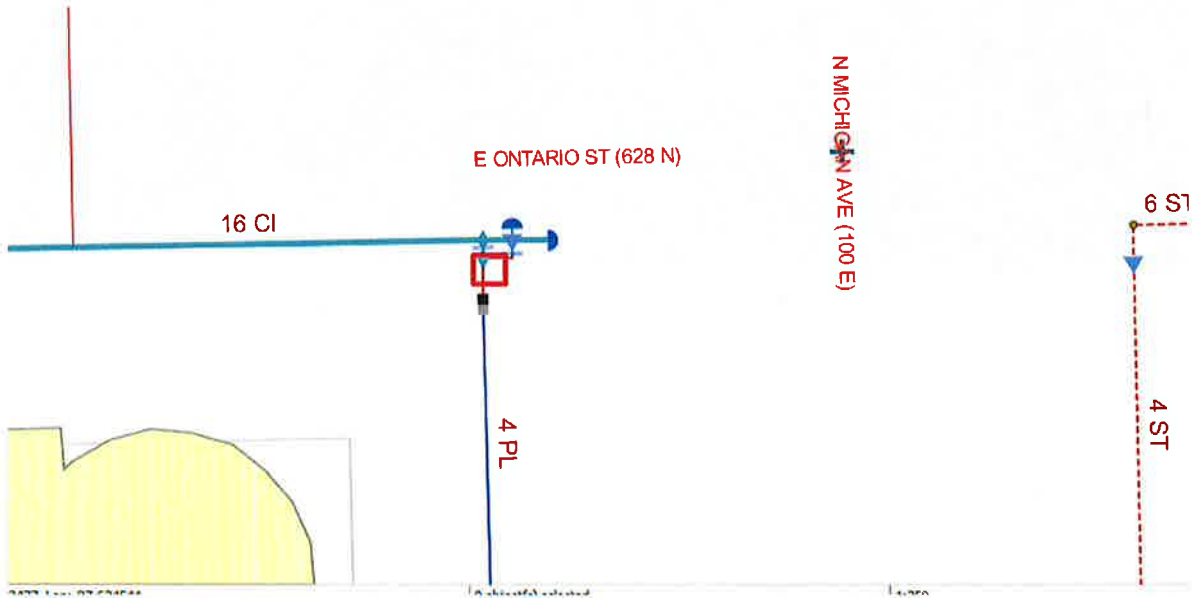
Please return this completed form to the Chicago Department of Transportation, Division of Infrastructure Management, Public Way Permit Office, City Hall - Room 905, 121 N. LaSalle St., Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

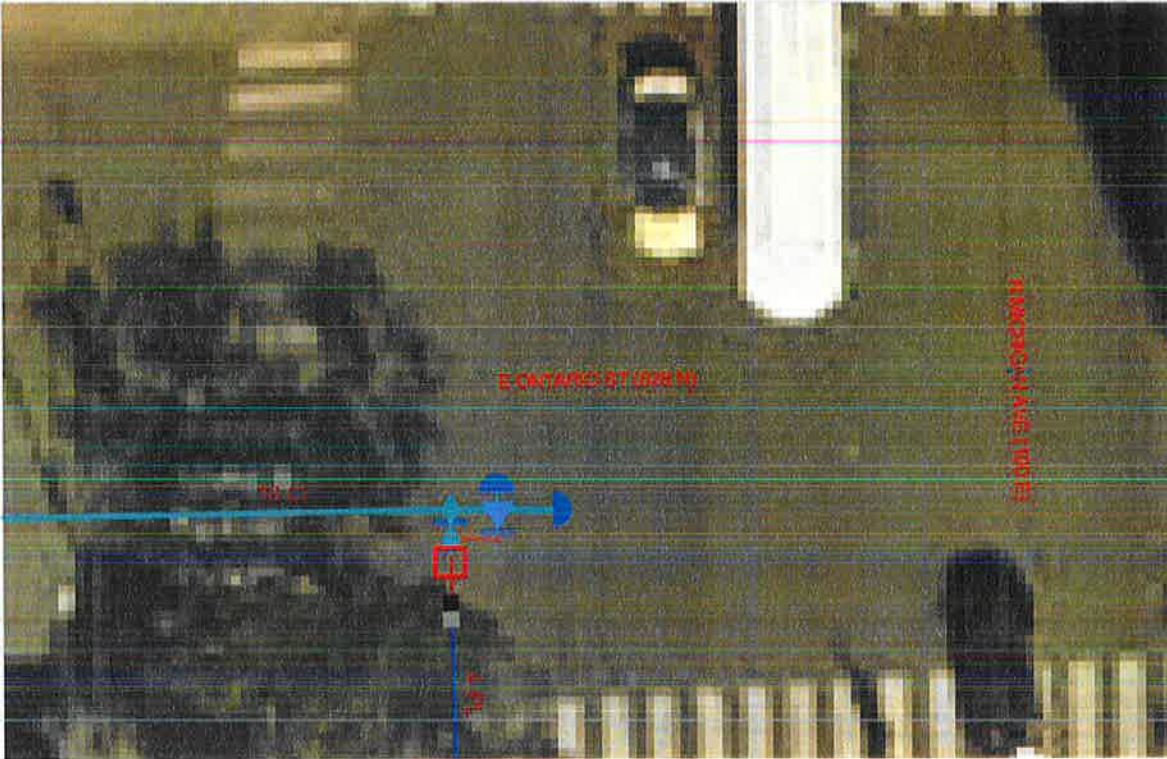
For CDPH Use Only

 = Work Area.

626 N Michigan

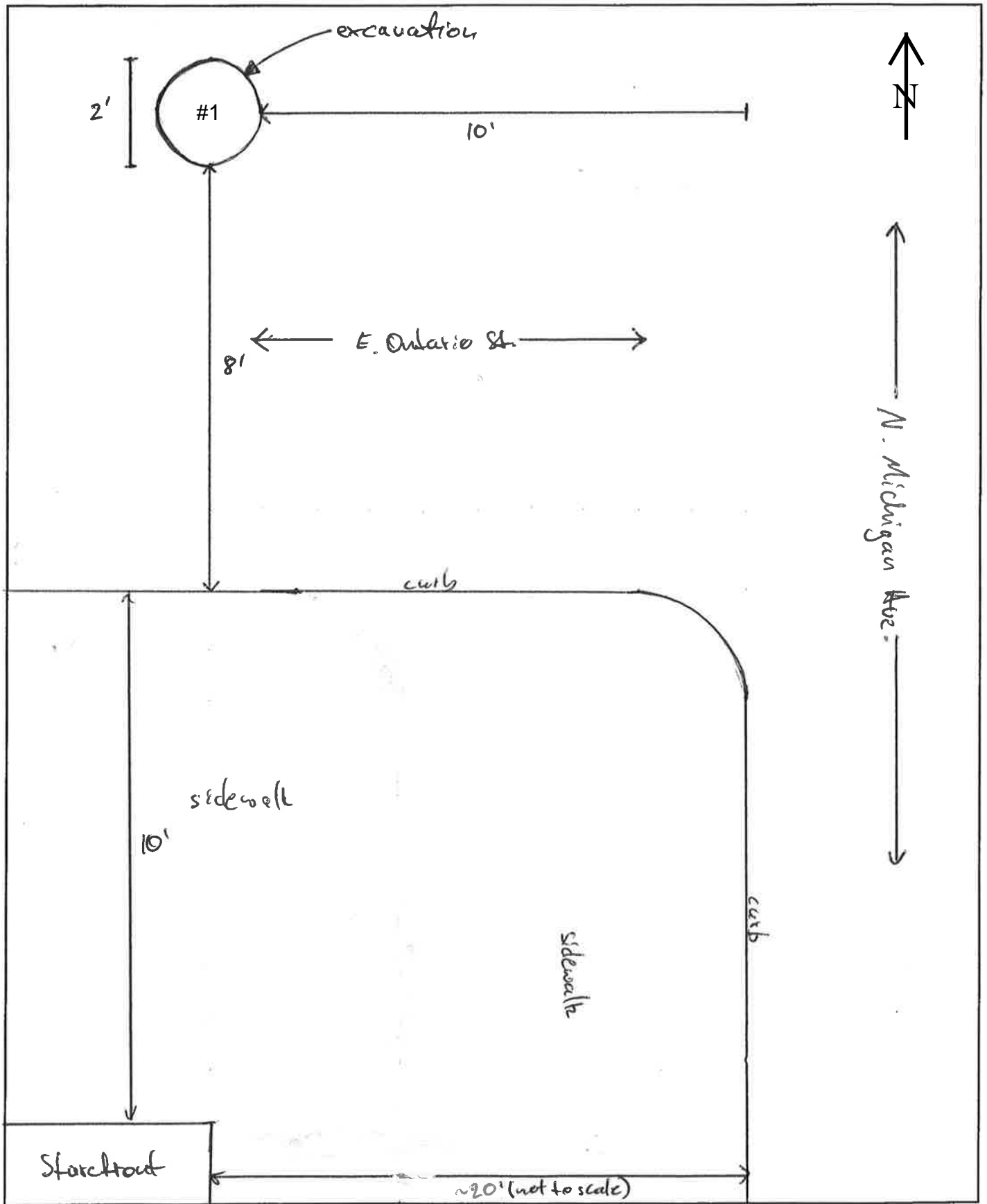
1 x 1 Keyhole





SKETCH

JOB TITLE Peoples Gas - 626 N. Michigan Ave.
JOB NO. 60157647.101 CALCULATION NO. _____
ORIGINATOR A. Kozak DATE 6/6/18
REVIEWER S. Korudev DATE 6/19/18
SCALE 1 square = .5 feet SHEET NO. 1 OF 1



Survey Results
626 N. Michigan Ave.
People's Gas

Survey Equipment

Ludlum 2221 S/N:	326720
Probe 2x2 NaI S/N:	PR360158
shielded:	7,293 cpm
background:	-
Personnel:	A. Kozak
Date of Screening:	6.6.18

Survey Results

Section	Depth (inches)	Readings (CPM)
1	0	1,800 - 2,000
	12	1,700 - 1,900
	30	2,300 - 2,400
	48	2,000 - 2,400
	64	1,800 - 2,600