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

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

October 14, 2016

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

RE: Radiological Survey of a Utility Service Relocation
Permit No.: DOT698375
Permit Address: 500-03 N. Peshtigo Ct., Chicago, Illinois
AECOM Project No. 60157647.78

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 September 28, 2016 for excavation related to an installation of a utility service line.

Surveying was performed within the excavation and on the spoil removed at 500-03 N. Peshtigo Ct. (refer to sketch). The excavation was composed of a single trench north of the intersection of E. Illinois St and N. Peshtigo Ct. The trench was approximately 20-feet long and 3-feet wide in length with varying depths of 41 to 55-inches below ground surface (bgs).

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 18,315 (S/N: 132844) counts per minute (cpm) unshielded.

The field gamma measurements within the excavation and of the spoil during the excavation process did not exceed the instrument threshold previously stated and predominantly ranged from a minimum of 5,600 cpm to a maximum of 11,000 cpm unshielded. 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: 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,

Andrew Kozak
Geologist

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

cc: Rahmat Begum, 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): 500-03 N. Peshtigo Ct.

Nature of Work: New Service Installation

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

General / Prime Contractor Name, Address, Phone No.: Nick Addison (773) 542-7864
Include subcontractor information if applicable)

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

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

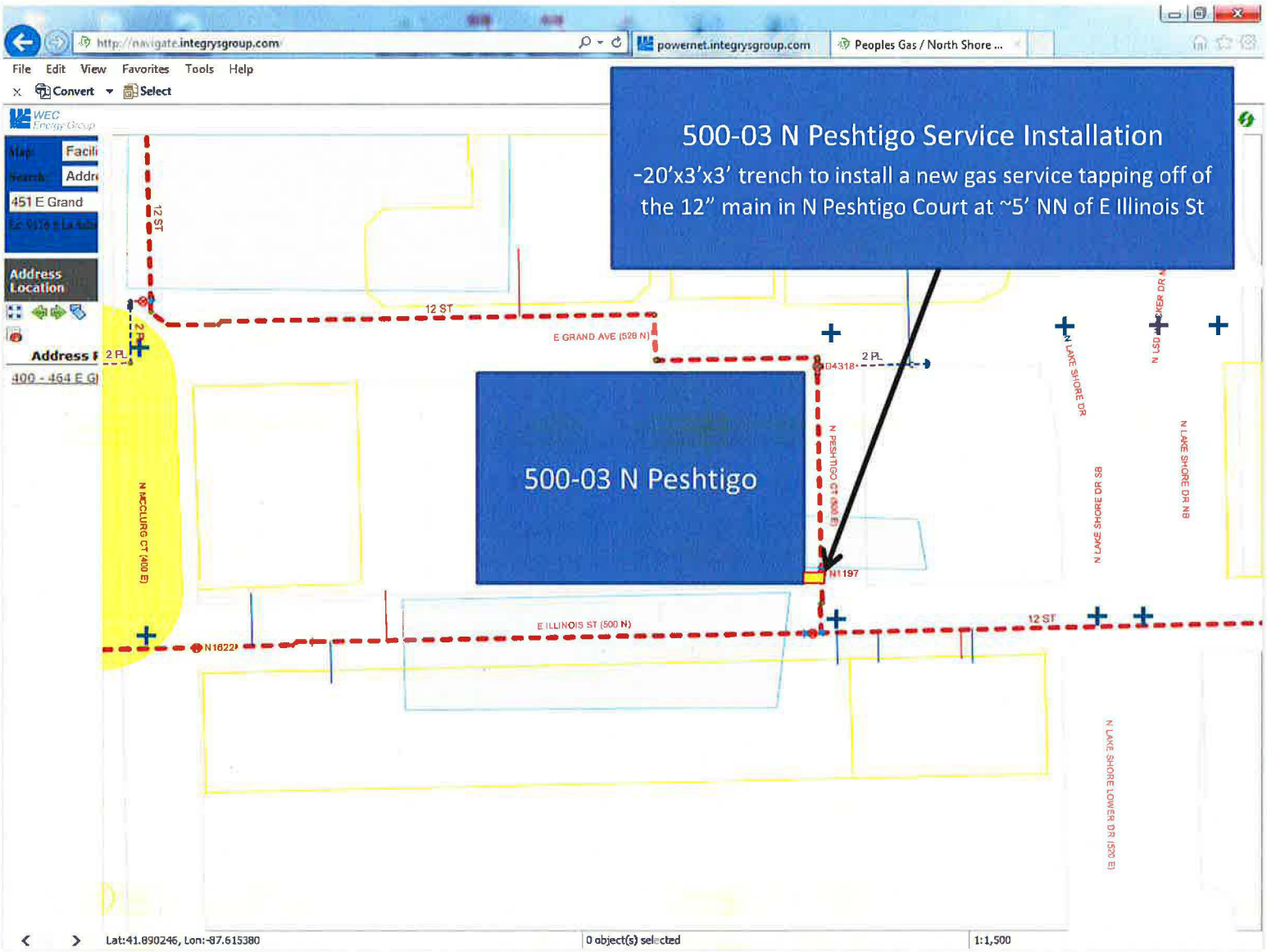
Check if City Department Work ☐ Department Name:

CDOT Permit No.: DOT698375

Today's Date: 9/9/16 Expected Start Date: 9/26/16 CDPH Approval / Date: S Sheahan 9/13/16

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


http://navigate.integrysgroup.com
powernet.integrysgroup.com
Peoples Gas / North Shore ...
File Edit View Favorites Tools Help
Convert
Select
WEC Energy Group
Address Location
451 E Grand
500-03 N Peshtigo Service Installation
-20'x3'x3' trench to install a new gas service tapping off of the 12" main in N Peshtigo Court at ~5' NN of E Illinois St
500-03 N Peshtigo
12 ST
E GRAND AVE (526 N)
2 PL
N PESHTIGO CT (500 E)
N LAKE SHORE DR
N LAKE SHORE DR SB
N LAKE SHORE DR NB
N LAKE SHORE LOWER DR (520 E)
N MCCLURG CT (400 E)
E ILLINOIS ST (500 N)
N1197
N1622
Lat:41.890246, Lon:-87.615380
0 object(s) selected
1:1,500

Permit # DOT698375

DOT Public Way Opening
Opening in the Public Way

109060

Received Date: August 30, 2016 10:46 am

ISSUED

City of Chicago
Department of Transportation
(312) 744-4652

PEOPLES GAS
200 E RANDOLPH ST
CHICAGO, IL 60601

NIEVES,MARISOL (312)240-4857

PERMIT DATES

September 01, 2016 through October 01, 2016

PERMIT DETAILS

Public Way Opening for the purpose: NEW SERVICE

Excavation may commence on September 01, 2016 - NO SOONER

500 - 503 N PESHTIGO CT - Number of Openings: 1

Curb Lane, Parkway, Sidewalk, and Traffic Lane

20 Ft (L) x 3 Ft (W) x 3 Ft (D)

Subcontractors:

Peoples Gas
200 E Randolph St
Chicago, IL 60601
(312)240-4694

NPL CONSTRUCTION
4554 W NORTH AVE
CHICAGO, IL 60639
(773)772-8920

M & J ASPHALT
3124 S. 60TH COURT
CICERO, IL 60804
(708)222-1200

SEVEN-D CONSTRUCTION CO
2000 W 43rd St
CHICAGO, IL 60609
(773)735-0401

RABINE PAVING, LLC
900 NATIONAL PARKWAY #260
SCHAUMBURG, IL 60173
(847)995-0555

FIRST CHOICE LANDSCAPING CO.
8303 CLOVERVIEW DR.
TINLEY PARK, IL 60477
(708)441-5348

CHRISTY WEBBER & CO
2900 WEST FERDINAND ST
CHICAGO, IL 60612

(773)533-0477

THIESSE PLUMBING, INC
1223 CIRCLE AVE
FOREST PARK, IL 60130
(708)366-3898

Restrictions:

1. If Arterial Street Outside CBD, Then Start no earlier then 9:00 A.M. and end no later then 4:00 P.M.
2. Contractor must notify DIGGER at 312-744-7000 no less then 48 hours (exclusive of Saturdays, Sundays and Holidays) but no more then 14 calendar days in advance of the start of the excavation or demolition, unless the excavation date was provided with the application and remains unchanged. Prior to 26 calendar days the Contractor must notify DIGGER to renewal the dig date! It is the Excavator's responsibility to request refreshing of marks when needed, but no longer than 28 calendar days after the last requested date. When applicable, all excavation areas are to be clearly marked in safety white paint prior to calling DIGGER. White paint is not required for joint meets or emergency work. Excavators requesting dig tickets are responsible for the protection of utility markings at the job site. Any markings of underground utilities utilizing utility colors must be done by facility owners or authorized agents only.
3. A copy of the permit must remain on-site for inspector's review.
4. If Non-Arterial Street Outside CBD, Then Start no earlier then 7:00 A.M. and end no later then 3:00 P.M.
5. Permittee must provide a sign which identifies the telephone number and company or person performing the work. Signage may be affixed to barricades.
6. All work shall be in accordance with CDOT Rules and Regulations for Construction in the Public Way and City of Chicago Municipal Code. Work to be performed as per plans and specifications. All traffic control will be the responsibility of the contractor, and must comply with all CDOT and MUTCD standards.
7. Contractor must secure plating over all openings in the roadway and secure all sidewalk/parkway openings during non-working hours until such time when the road surface is restored.
8. No work in or use of the public right of way is to be done when a special event is taking place. It is up to the applicant to determine if an event is scheduled. To obtain a listing of programs or events within the City of Chicago please dial 311 when you are within the City boundaries.

Fees:

09/09/2016 DOT_PWO - Street Opening Fee

CAPS:		AH04
Amount:	$	954.00

Total Fees: $954.00

EFFECTIVE DATES OF PERMIT

Current: September 01, 2016 through October 01, 2016 (Input date: August 30, 2016 10:46 am)

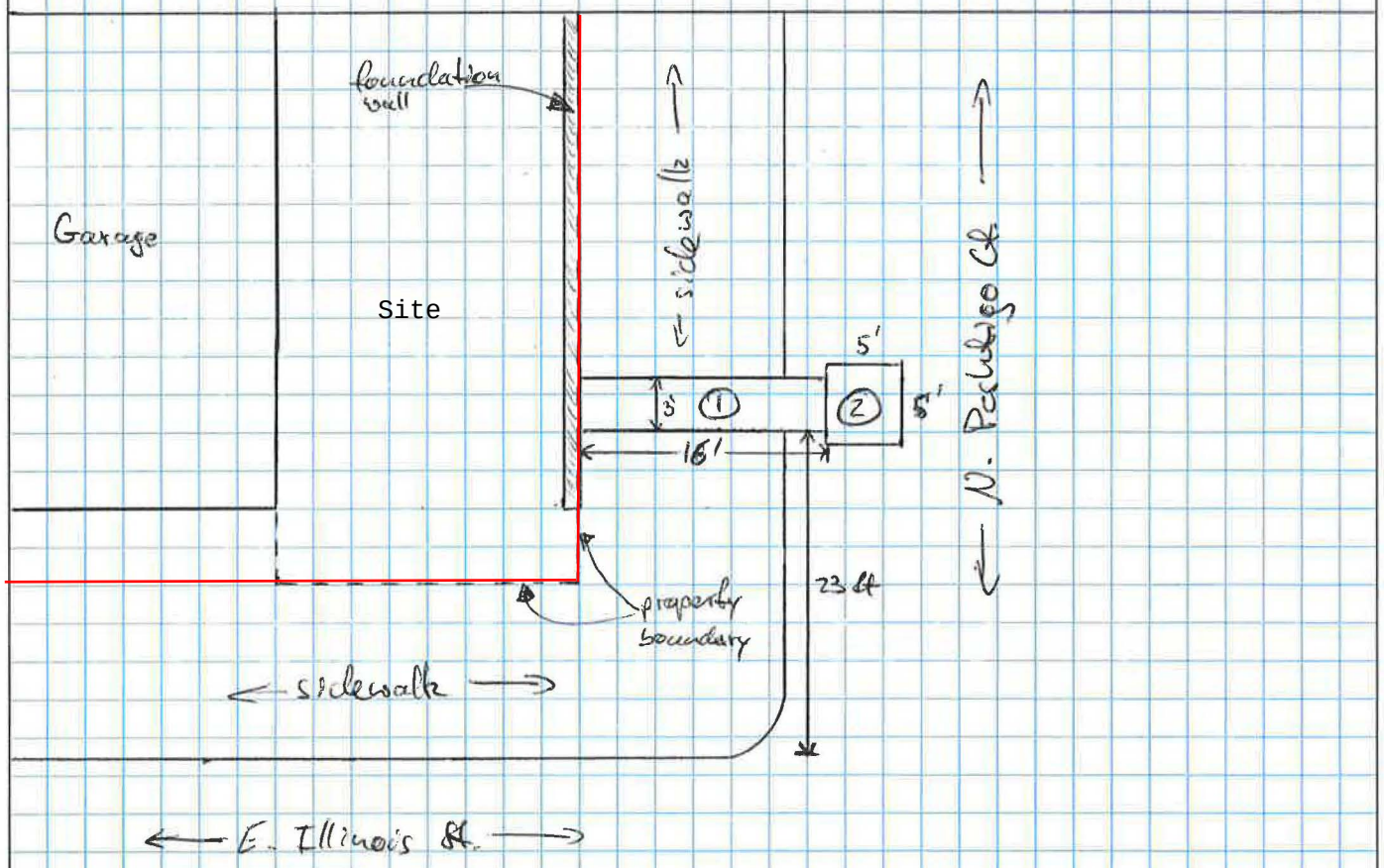
END OF PERMIT

SKETCH

AECOM

JOB TITLE People's Gas 501-03 N. Pesbrigge Ct.
JOB NO. 60157647.78 CALCULATION NO.
ORIGINATOR A. Kozak DATE 9/28/16
REVIEWER S. Kouider DATE 10/14/16
SCALE 1 square = 2.5 feet SHEET NO. 1 OF 1

Survey Equipment
Ludlum 2221 S/N: 132844
Probe 2x2 Nat S/N: 168148
unshielded: 18,315 cpm
shielded: 7,389 cpm
background: 5,500 cpm
personnel: Saitle, Dan Domino



Readings

	Depth	CPM
①	0"-18"	5,600 - 6,700
	18 - 41"	8,300 - 11,000
②	0-18"	5,900 - 6,400
	18" - 36"	6,100 - 6,700
	36" - 55"	6,400 - 7,900

Grid: 5x5 = 1 in