



AECOM
303 E. Wacker Drive, Suite 900
Chicago, Illinois 60601

312-938-0300 tel
312-938-1109 fax

June 12, 2013

Mr. Mike Jouras
People's Gas Light & Coke Co.
Environmental Services Department
130 East Randolph, 22nd Floor
Chicago, IL 60601

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit Nos.: 358494208 and 363388589
Permit Address: 2615 South Martin Luther King Drive
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 between May 9 and June 10, 2013 for excavation activities that were necessary to repair a minor gas main leak located in the vicinity of 2615 S. Martin Luther King Drive (southeast corner of E. 26th Street and MLK – refer to attached drawing). The radiological surveying was performed within the excavation and for the soil removed from the 8-foot by 18-foot excavation within the E. 26th Street ROW just east of the intersection of Martin Luther King Drive (see sketch) to a depth of 9.5-feet below ground surface.

A cleanup criterion has not been approved for this area by the USEPA. Therefore, the USEPA has requested that the field instrument threshold for the identification of potentially radiologically contaminated material conservatively be set at twice the field instrumentation background. Gamma radiation count measurements for the project were made using Ludlum Model 2221 survey meter and an unshielded 2 x 2 inch NaI probe (Model 44-10). The field gamma background at the surface in the vicinity of the area was measured at approximately 8,775 counts per minute (cpm) unshielded. Therefore, twice the field instrument background for the project was estimated at 17,750 cpm. For comparison purposes, the gamma count indicative of contamination in Streeterville (i.e., the 7.1 pCi/g total radium cleanup threshold) was 17,920 cpm unshielded.

The field gamma measurements within the excavation and the spoil materials generated during the excavation process did not exceed the twice background threshold value previously stated and ranged from a minimum of 4,500 cpm to a maximum of 7,800 cpm unshielded. In fact, the gamma counts measured within the excavation and of the excavated spoil were less than the surface background value because they contained higher amounts of brown colored quartz sand. Thus, there was no indication of the potential presence of radiologically contaminated material.

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

Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 358494208
Page 2

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

Regards,



Brian R. Schmidt
Project Scientist II



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

cc: Rahmat Begum, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: Permit
Drawing
Sketch

Permit # 358494208

AMENDED



Received Date: Mar 25, 2013 9:48:5

**PEOPLES GAS LIGHT & COKE CO
130 EAST RANDOLPH
DRIVE
CHICAGO, IL 60601**

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

TYMOREK, THOMAS 773-542-7830

ACTIVITY HOURS

Permitted activity hours begin at 9:00 A.M. Permitted activity hours will end at 4:00 P.M. ANY WORK ON ARTERIAL STREETS MUST ADHERE TO ALL RUSH HOUR RESTRICTIONS. 2600 - 2615 S DR MARTIN LUTHER KING JR DR Street Opening (Sidewalk, Parkway, Curb Lane & Traffic Lane)

DATES

Apr 8, 2013 through May 14, 2013

ACTIVITIES

**Street Opening
(Sidewalk, Parkway, Curb Lane & Traffic Lane):**

Dig #: 358442398

There will be 1 opening(s) in the public way for the purpose: CUAN DIG.

5 Feet x 3 Feet x 3 Feet

Excavation may commence on APR 10, 2013 - NO SOONER.

2600 - 2615 S DR MARTIN LUTHER KING JR DR

Please include the following language on the above referenced permit;

2601 S King Drive ? They are clear of the irrigation equipment per work and picture provided to us. but no other location is allowed under this request. Do not place any equipment, material, debris on that planter bed or median. No entry into the planter bed or median. as-built drawing made by others

**Street Opening
(Sidewalk, Parkway, Curb Lane & Traffic Lane):**

Dig #: 358442398

attached below.

DIG LOCATION GIVEN IS CLEAR OF IRRIGATION. THERE IS A LANDSCAPED MEDIAN AT THIS LOCATION. NO ENTRY INTO THE LANDSCAPED MEDIAN WILL BE ALLOWED FOR ANY REASON. NOTIFY CDOT IF ANY WATER LINES, CONDUITS, IRRIGATION LINES, AND WIRES ENCOUNTERED. MAINTAIN AT LEAST 2 FEET CLEARANCE FROM THE MEDIAN CURB AND GUTTER.

Kenneth P. Martin

OK PER RAHMAT BEGUM ON 12/4/12

AMENDED ON APRIL 30, 2013 TO EXTEND
MAY 1, 2013 - MAY 14, 2013

Restrictions:

1. A copy of the permit must remain on-site for inspector's review.
2. Permit fees must be paid within 24 hours of the date of issuance. Failure to pay will result in you being considered in violation of the terms and agreement of the permit and subject to any applicable fine and fees as if you never attained a permit. Additionally, you will still be responsible for the cost of the original permit. Monthly billing accounts are not applicable to the 24 hour payment criteria but failure to pay the monthly bill by the due date will result in the same penalties applying.
3. All directional boring must be pre-approved by the Office of Underground Coordination.
4. 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.
5. All traffic control will be the responsibility of the contractor and must comply with all MUTCD standards.
6. Restore all lanes to normal operation during non-working hours.
7. Must use flagmen and/or arrow boards to maintain traffic operations through the work zone.
8. Contractor must notify DIGGER at 312-744-7000 no less than 48 hours (exclusive of Saturdays, Sundays and Holidays) but no more than 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 renew the dig date!
9. 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.

Restrictions:

10. 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.
11. 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.
12. Use of pneumatic equipment must not begin before 8:00 A.M. or continue after 8:00 P.M.
13. Permittee must provide a sign which identifies the telephone number and company or person performing the work. Signage may be affixed to barricades.
14. Permanent base pavement restoration to follow within 5 days after the completion of underground work.
15. All pavements and pavement markings are to be restored in accordance with CDOT Construction Standards.
16. All street openings must be restored with concrete base to grade.
17. Work to be performed as per plans and specifications.
18. Streets recently resurfaced must be restored to proper standards (resurface to nearest 1/4 pt, see CDOT Construction Standards for further details).
19. WARNING: THIS WORKSITE(S) CONTAINS RADIOACTIVE MATERIAL. ANY QUESTIONS PERTAINING TO HANDLING OF MATERIALS, CONTACT THE DEPT. OF ENVIRONMENT AT 312-744-3152.
20. Contractors to post signs to indicate: BIKE LANE CLOSED - SHARED LANE YIELD TO BIKES.

It is also the permit holder's responsibility to restore to original condition any damage to any bikeway, including replacement pavement markings and signage. You must contact Ben Gomberg (312) 744-8093 48 hours in advance of any activity.

21. 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.
22. It is the responsibility of the applicant to fund Traffic Control Aides if the City deems it necessary due to heavy congestion situations.
23. Pursuit to City Ordinances 10-20-150 and 10-28-281.3 a re-inspection fee of \$100 may be assessed for each inspection conducted after the initial inspection.
24. All metal plates used for public way construction or placed within the right-of-way must indicate Ownership!

Grand Total Fees: \$ 411.00

Affected CUAN Sites: 5, 15, 21, 22, 24, 28, 29, 34, 35, 41, 61, 68, 70, 71, 144, 148

EFFECTIVE DATES OF PERMIT

Current: Apr 08, 2013 through May 14, 2013 (Input date: Apr 30, 2013 9:23:29 a.m.)
Previous: Apr 08, 2013 through May 01, 2013 (Input date: Mar 25, 2013 11:06:50 a.m.)
Previous: Mar 25, 2013 through May 01, 2013 (Input date: Apr 08, 2013 11:06:25 a.m.)
Previous: Mar 25, 2013 through Apr 24, 2013 (Input date: Mar 25, 2013 9:48:05 a.m.)

END OF PERMIT



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

FORM NO. CDPH.PRPTY.02

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. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at CDPH at 33 N. LaSalle St., Suite LL-120, Chicago, Illinois 60602 during normal business hours (8:30AM-4:30PM, Monday through Friday). Contact (312) 744-3152 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. Further, I will ensure that all work at the subject site, 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 surveying conducted shall be provided to 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): 400-25 E. 26th St

Nature of Work: Emergency leak investigation & repair

Company Name, Address, Phone No.: Peoples Gas, 130 E. Randolph, (312) 240-4692

General / Prime Contractor Name, Address, Phone No.: Tom Tymorek, (773) 672-6265

Include subcontractor information if applicable

Safety Officer / Phone No.: Ed Beauregard (773) 962-4830

Radiation Contractor / Phone No. (if applicable): AECOM, Inc Steve Kornder (847) 279-2448

Check if City Department Work Department Name: _____

CDOT Permit No. or Developer Services No.: 363388589

Today's Date: 5/15/13 Expected Start Date: 5/17/13 CDPH Approval / Date: Rahmatunisa Begum

Please return this completed form to the Chicago Department of Public Health at 33 N. LaSalle St., LL120, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

For CDPH Use Only

Permit # 363388589



Received Date: May 13, 2013 1:43:31

**PEOPLES GAS LIGHT & COKE CO
130 EAST RANDOLPH
DRIVE
CHICAGO, IL 60601**

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

TYMOREK 773-542-7830

ACTIVITY HOURS

Permitted activity hours begin at 7:00 A.M. Permitted activity hours will end at 4:00 P.M. ANY WORK ON ARTERIAL STREETS MUST ADHERE TO ALL RUSH HOUR RESTRICTIONS. 400 - 425 E 26TH ST Street Opening (Traffic Lane)

DATES

May 13, 2013 through Jun 13, 2013

ACTIVITIES

Street Opening (Traffic Lane):

Dig #: TBD

There will be 1 opening(s) in the public way for the purpose: LEAK INVESTIGATION & REPAIR.

3 Feet x 5 Feet x 5 Feet

Excavation may commence on - NO SOONER.

400 - 425 E 26TH ST

OK TO RELEASE PER RAHMAT BEGUM ON 5/15/13

Restrictions:

1. A copy of the permit must remain on-site for inspector's review.
2. Permit fees must be paid within 24 hours of the date of issuance. Failure to pay will result in you being considered in violation of the terms and agreement of the permit and subject to any

Restrictions:

applicable fine and fees as if you never attained a permit. Additionally, you will still be responsible for the cost of the original permit. Monthly billing accounts are not applicable to the 24 hour payment criteria but failure to pay the monthly bill by the due date will result in the same penalties applying.

3. All directional boring must be pre-approved by the Office of Underground Coordination.
4. 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.
5. All traffic control will be the responsibility of the contractor and must comply with all MUTCD standards.
6. Restore all lanes to normal operation during non-working hours.
7. Must use flagmen and/or arrow boards to maintain traffic operations through the work zone.
8. Contractor must notify DIGGER at 312-744-7000 no less than 48 hours (exclusive of Saturdays, Sundays and Holidays) but no more than 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 renew the dig date!
9. 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.
10. 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.
11. 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.
12. Permittee must provide a sign which identifies the telephone number and company or person performing the work. Signage may be affixed to barricades.
13. Use of pneumatic equipment must not begin before 8:00 A.M. or continue after 8:00 P.M.
14. Permanent base pavement restoration to follow within 5 days after the completion of underground work.
15. All pavements and pavement markings are to be restored in accordance with CDOT Construction Standards.
16. All street openings must be restored with concrete base to grade.
17. Streets recently resurfaced must be restored to proper standards (resurface to nearest 1/4 pt, see CDOT Construction Standards for further details).
18. Maintain vehicular traffic at all times.
19. Work area to be backfilled to grade or plated when site is unattended.
20. Work to be performed as per plans and specifications.
21. **WARNING: THIS WORKSITE(S) CONTAINS RADIOACTIVE MATERIAL. ANY QUESTIONS PERTAINING TO HANDLING OF MATERIALS, CONTACT THE DEPT. OF ENVIRONMENT AT 312-744-3152.**
22. Contractors to post signs to indicate: BIKE LANE CLOSED - SHARED LANE YIELD TO BIKES.

Restrictions:

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- 25. Pursuit to City Ordinances 10-20-150 and 10-28-281.3 a re-inspection fee of \$100 may be assessed for each inspection conducted after the initial inspection.
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Street Opening (Traffic Lane)

05-15-2013 - Fee Pavement Opening					
CBD:	N	Cost Per EA: \$	411.00	CAPS:	300-84-2135-256
Tiered:	N	# Of EA:	1.00	Late charge: \$.00
Mora:	N			Amount: \$	411.00

Total Fees: \$ 411.00

Grand Total Fees: \$ 411.00

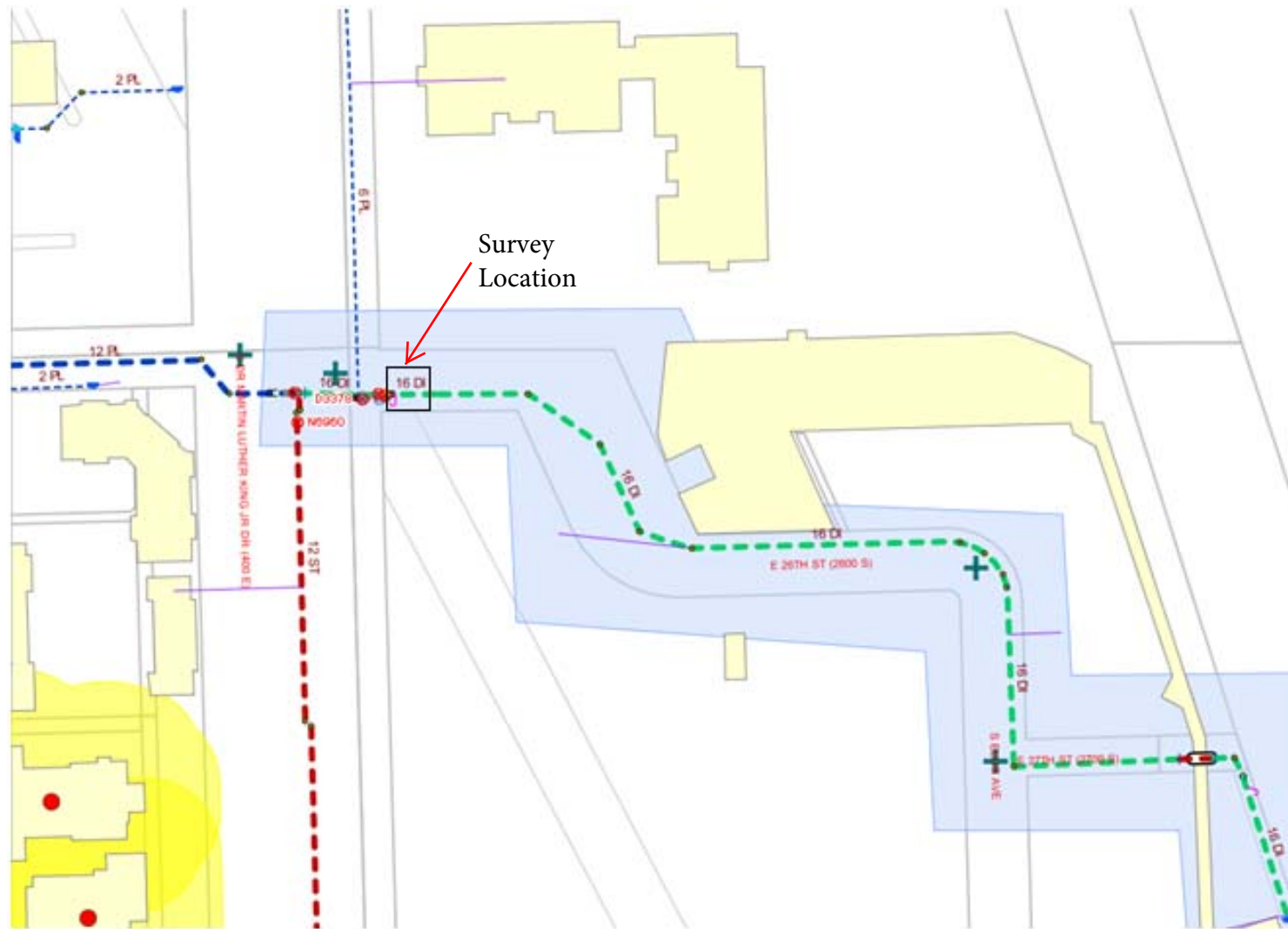
Affected CUAN Sites: 5, 15, 21, 22, 24, 28, 29, 34, 35, 41, 61, 68, 70, 71, 144, 148

EFFECTIVE DATES OF PERMIT

Current: May 13, 2013 through Jun 13, 2013 (Input date: May 13, 2013 1:43:31 p.m.)

END OF PERMIT

Integrys Permit Nos.: 358494208 and 363388589



Calculation Sheet

Project INTEGRYS - 26th + MLK Dr. CHICAGO, IL				Subject RADIOLOGICAL SOIL INVESTIGATION		
Originated By	Date 6/12/2013	Checked By SCH	Date 6/12/2013	Job No. 60157647 T.43	Scale N/A	Sheet No. <u>1</u> Of <u>1</u>



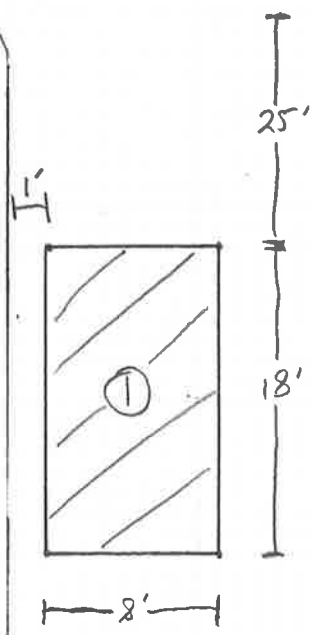
MARTIN LUTHER KING DR.

SIDEWALK

GAS MAIN REPAIR

① - DEPTH = 9.5' bgs (114")

DEPTH	MAX VALUES (CPM)
0-12"	CONCRETE
12-30"	7,800
30-48"	4,500
48-66"	6,000
66-84"	6,800
84-102"	7,800
102-120"	6,600
114-132"	5,600



SIDEWALK

SIDEWALK

26th St.

* - WORK PERFORMED BETWEEN THE DAYS OF 5/9/2013 TO 6/10/2013

- SCREENED USING A LUDLUM-2221 w/ 2x2 NAL PROBE (UNSHIELDED)
CUT-OFF VALUE (UNSHIELDED) = 17,920 CPM
- AVERAGE BACKGROUND VALUES (2 LOCATIONS) 1 MINUTE COUNTS = 8,775 CPM