AECOM Environment
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AECOM

August 21, 2009

Mr. Narendra Prasad
People's Gas
Environmental Services Department
130 East Randolph, 22nd Floor
Chicago, IL 60601

EPA Region 5 Records Ctr.
337867

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 955066038
Permit Address: 100 to 199 East Grand
AECOM Project No. 10535-004

Dear Mr. Prasad:

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, Inc. (AECOM) provided the required radiation surveillance from March 16 to July 15, 2009 for the excavation of various test pits and trenches for the replacement of gas mains and connections.

Surveying was performed for the asphalt, concrete, and soil removal for the excavations required for the replacement of the gas mains and connections. The monitoring revealed no indication of soils above the specified clean-up threshold established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA threshold 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 made using Ludlum Model 2221 survey meter and an unshielded 2 x 2 NaI probe (Model 44-10). Several AECOM personnel were responsible for oversight during excavation activities, which required the use of two instruments. For the two instruments used, the gamma count indicative of the 7.1 pCi/g threshold was 19,482 counts per minute (cpm) unshielded (7.402 cpm shielded) and 17,805 cpm unshielded (6,860 cpm shielded). The field gamma measurements within the excavation and the spoil materials generated during the excavation process did not exceed the respective threshold values previously stated and ranged from a minimum of 7,200 cpm to a maximum of 12,400 cpm. Thus, there was no indication of the presence of radiologically-impacted material and/or an exceedance of the USEPA cleanup threshold of 7.1 pCi/g total radium.

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

Chicago Department of Environment
Attention: Ms. Rahmat Begum
30 North LaSalle Street, 25th Floor
Chicago, Illinois 60602

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

Regards,

Jaclyn C. Webb
Assistant Project Engineer

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

cc: Rahmat Begum, Chicago Department of Environment
Verneta Simon, USEPA

Attachments: Permit
Sketch

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City of Chicago
Richard M. Daley, Mayor

Department of Environment

Twenty-fifth Floor
30 North LaSalle Street
Chicago, Illinois 60602-2575
(312) 744-7606 (Voice)
(312) 744-6451 (FAX)
(312) 744-3586 (TTY)

http://www.cityofchicago.org

CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT
FORM NO. DOE.ROW.01

Notice is hereby given that the site you have requested information on is recorded with the City of Chicago Department of Environment 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 the Department of Environment at 30 N. LaSalle St., 25th Floor, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday). Contact Rhamat Begum at (312) 744-3152 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued. Please note that for some locations, additional health and safety procedures may be required by law.

Permit No. 955 066038

Date 3/7/09

Site Address 100-99 E. Grand

Work Location (describe exact site location)
Street, curblane
trafficlane
sidewalk & alley

Nature of Work
New
main
installation
Aecom Usa Inc.
Bill Newhouse
(720) 406-3166
bill_newhouse@aecom.com

Please complete the following:

I have reviewed and understand the documents, maintained by the Department of Environment, 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 Department of Environment 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.

Signature Maria G. Oliver

Name (print) Maria G. Oliver

Company Peoples Gas

Address 130 E. Randolph

Phone No. (312) 240-4692

Prime Contractor/Contact Rod Looney

Address 130 E. Randolph

Phone (773) 542-7840

Safety Officer/Phone Ed Beauregard

Radiation Contractor/ Phone (if applicable) (773) 542-7838

Signed by Department of Environment Rahmat Ullah Begum

Date 3/5/09

Please return this completed form to the City of Chicago Department of Transportation at 30 N. LaSalle St., Room 1101, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday).

NEIGHBORHOODS ALWAYS
BUILDING CHICAGO TOGETHER

Revised Mar. 13, 2002

Permit # 955066038

Received Date: Feb 19, 2009 8:54:41

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

R LOONEY 773-542-7830

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

ACTIVITY HOURS

Permitted activity hours begin at 9:30 AM. Permitted activity hours will end at 3:30 PM. ANY WORK ON ARTERIAL STREETS MUST ADHERE TO ALL RUSH HOUR RESTRICTIONS. 100 - 135 E GRAND AV Street Opening (Sidewalk,Parkway,CurbLane&TrafficLane)

DATES

Feb 19, 2009 through Mar 19, 2009

ACTIVITIES

Street Opening (Sidewalk,Parkway,CurbLane&TrafficLane): **Dig #: TBD**

There will be 1 opening(s) in the public way for the purpose: INSTALLATION OF NEW MAIN.

600 Feet x 4 Feet

Excavation may commence on - NO SOONER.

100 - 135 E GRAND AV

ICC LEAK
OUC NO# 41330
WORK TO BE PERFORMED BY: NPL

MAINTAIN 2 WESTBOUND LANES ON GRAND
OK G WILLIAMS

5062415266

Street Opening (Sidewalk,Parkway,CurbLane&TrafficLane): **Dig #: TBD**

OK TO RELEASE, PER RAHMAT BEGUM ON 3/5/09 (SEE RESTRICTIONS)

136 - 199 E GRAND AV

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 the immediate cancellation of the permit. Monthly billing accounts are not applicable.
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 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. Permitted Hours: 9:30 AM to 3:30 PM (days)
7. Restore all lanes to normal operation during non-working hours.
8. Must use flagmen and/or arrow boards to maintain traffic operations through the work zone.
9. 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 Contaractor must notify DIGGER to renewal the dig date!
10. 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.
11. 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.
12. 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.
13. Use of pneumatic equipment must not begin before 8:00 A.M. or continue after 8:00 P.M.
14. Permittee must provide a sign which identifies the telephone number and company or person performing the work. Signage may be affixed to barricades.
15. Permanent base pavement restoration to follow within 5 days after the completion of underground work.
16. All pavements are to be restored in accordance with CDOT Construction Standards.
17. All street openings must be restored with concrete base to grade.

5162415266

Restrictions:

18. Work to be performed as per plans and specifications.
19. Streets recently resurfaced must be restored to proper standards (resurface to nearest 1/4 pt, see CDOT Construction Standards for further details).
20. WARNING: THIS WORKSITE(S) CONTAINS RADIOACTIVE MATERIAL. ANY QUESTIONS PERTAINING TO HANDLING OF MATERIALS, CONTACT THE DEPT. OF ENVIRONMENT AT 312-744-3152.
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.

ACTIVITY	TRANSACTION	AMOUNT	CAPS
Street Opening (Sidewalk,Parkway,CurbLane&Traffic Lane)	Fee Pavement Opening	$ 337.00	300-84-2135-2561
	Total Fees:	**$ 337.00**	
	Grand Total Fees:	**$ 337.00**	

Affected CUAN Sites: 7, 15, 18, 21, 22, 24, 29, 31, 34, 36, 38, 53, 65, 141, 147

EFFECTIVE DATES OF PERMIT

Current: Feb 19, 2009 through Mar 19, 2009 (Input date: Feb 19, 2009 8:54:41 a.m.)

END OF PERMIT

516241526b

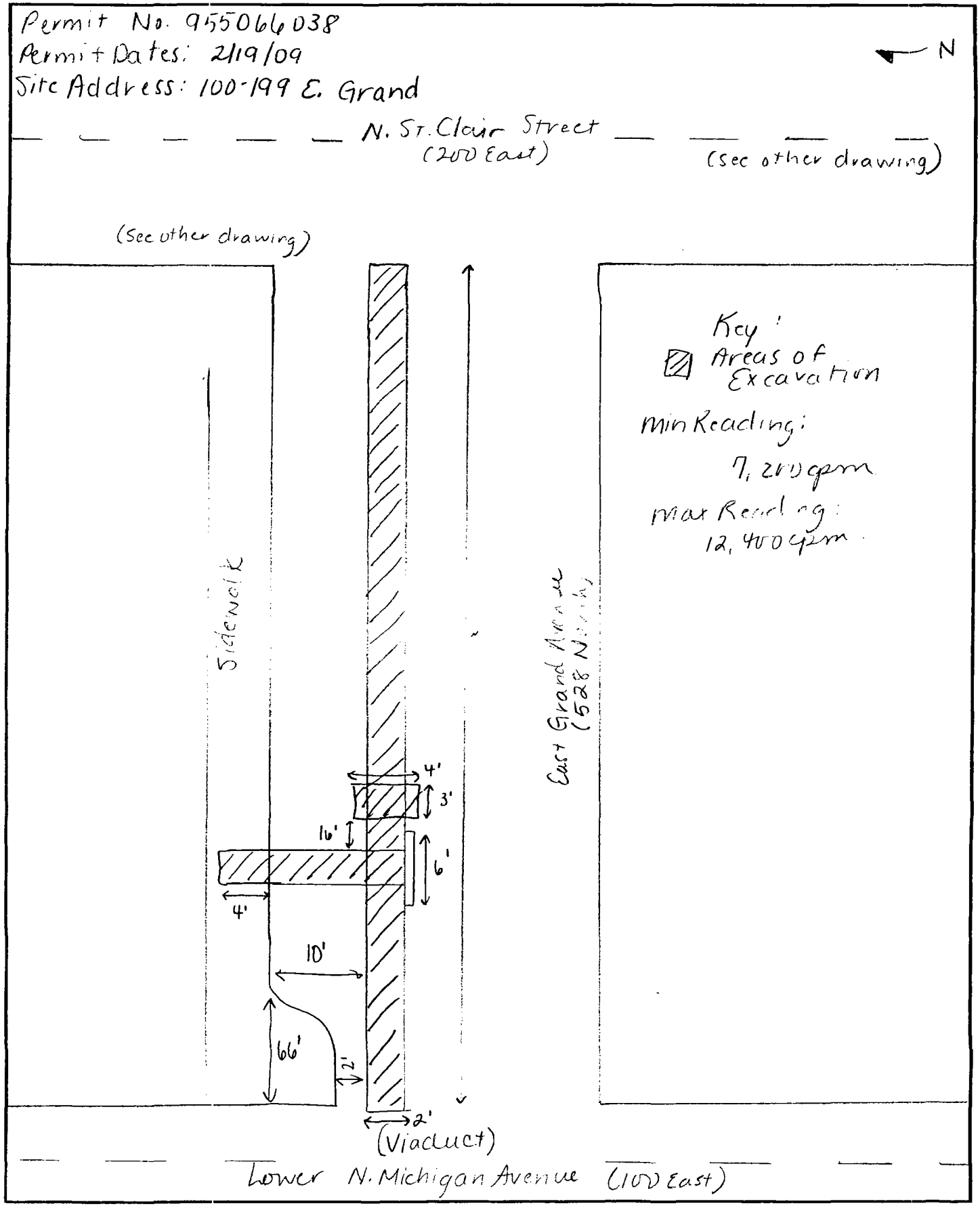
AECOM

JOB TITLE Integrys Radiological Surveying

JOB NO. 10535-004 CALCULATION NO. – ORIGINATOR Jadyn Webb DATE

SHEET 1 OF 1 REVIEWER Steve Kornder DATE

Permit No. 955066038
Permit Dates: 2/19/09
Site Address: 100-199 E. Grand



Drawing Not to Scale