



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

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

April 3, 2017

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

RE: New Service Installation – 320-45 E. Sub-Wacker Dr.
Permit No.: DOT766547
Permit Address: 320-45 E. Sub-Wacker Dr., 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 March 20, 2017, for a trench excavation related to a new gas utility line installation.

Surveying was performed on the soil removed at 320-45 E. Sub-Wacker Dr. (see sketch) required to gas utility line installation. The excavation consisted of a single trench approximately 85-feet long, 2.5-feet wide, to a depth of 3-feet below ground surface (bgs).

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 17,193 (S/N: 326720) counts per minute (cpm) unshielded.

The field gamma measurements within the excavation during the excavation process did not exceed the instrument threshold previously stated, and ranged from a minimum of 3,300 cpm to a maximum of 14,000 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: 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): 320-45 E. Sub Wacker Dr.

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 Koruder, AFCDM, Inc. 262-515-7700

Check if City Department Work Department Name: _____

CDOT Permit No.: DOT 766547

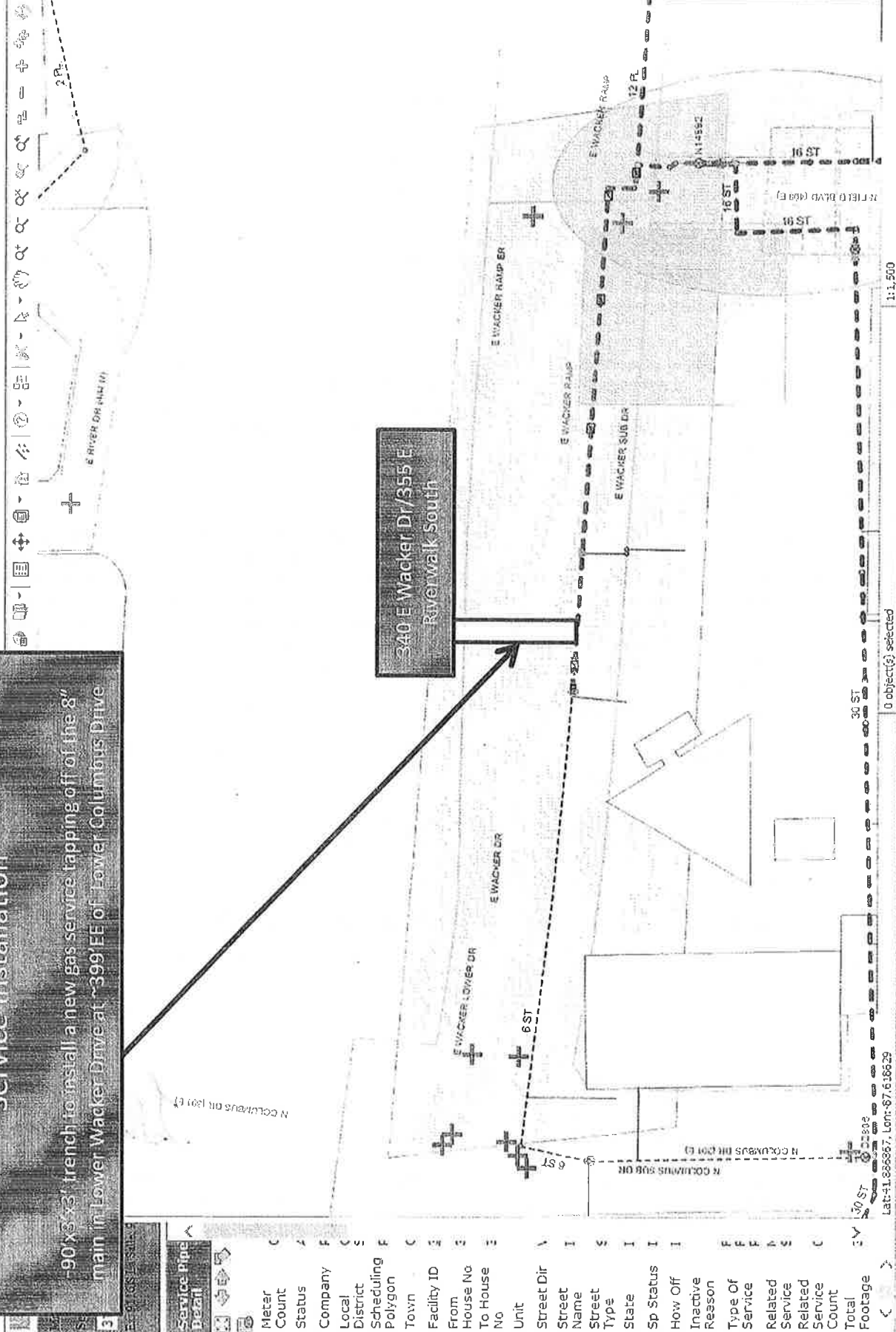
Today's Date: 3/07/17 Expected Start Date: ASAP CDPH Approval / Date: Sheahan 3-7-17

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

340 E Wacker Dr./ 355 E Riverwalk South Service Installation

-90'x3'-3" trench to install a new gas service tapping off of the 8" main in Lower Wacker Drive at ~399'EE of Lower Columbus Drive



340 E Wacker Dr/355 E Riverwalk South

Service Pipe Detail	Meter Count	Status	Company	Local District	Scheduling Polygon	Town	Facility ID	From House No	To House No	Unit	Street Dir	Street Name	Street Type	State	Sp Status	How Off	Inactive Reason	Type Of Service	Related Service	Related Service	Count	Total Footage	
	C	A	F	C	F	C	I	3	3	E	Y	I	S	I	I	I	F	F	F	P	S	C	1V

0 object(s) selected

Lat: 41.286867, Lon: -87.1616629

SKETCH

