



AECOM  
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Chicago, Illinois 60606

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979572

January 23, 2023

Mr. Mathew Ziegler  
AT&T  
4533 W Roscoe St.  
Chicago, IL 60641

RE: Streeterville Thorium Monitoring Results  
Permit No.: Dig Ticket #601289607  
Permit Address: 200 N. Lake Shore Dr.  
AECOM Project No. 60163572.9410

Dear Mr. Ziegler:

Pursuant to conditions specified in the Right of Way (ROW) form (attached) issued by the City of Chicago Department of Public Health (CDPH), radiation monitoring was required to be performed at the above referenced site. AECOM Technical Services, Inc. (AECOM) provided the required radiation survey on January 9, 2023 for the proposed shallow excavation to install a 3-foot long section of conduit in a 1-foot wide trench between the two at-grade utility boxes at DuSable Harbor Park, in Chicago, Illinois. The required excavation depth was less than 10-inches below ground surface (bgs). The surface on which the conduit was placed was predominantly gravel. The aerial photographs in the ROW form package show the location, while the final photograph of that package provides a view of the two utility boxes and the conduit area prior to excavation.

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 a Ludlum Model 2221 survey meter and a shielded 2 x 2 inch NaI probe (S/N: 172039). For the instrument used the gamma count threshold indicative of the 7.1 pCi/g removal action level is 7,652 counts per minute (cpm) shielded utilizing a short cord.

Surveying was performed in the conduit installation area as well as the areas around the two utility boxes. Field gamma measurements ranged from 1,352 to 2,582 cpm shielded. Therefore, monitoring did not indicate potential contamination above the removal action level established by the U.S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago.

As part of the permit conditions, a PDF copy of this letter will be forwarded to the CDPH and Verneta Simon (USEPA) to fulfill the CDPH requirements. Please contact us with any questions you have regarding this letter or the reported results.

Regards,

Maggie Nutter, E.I.T.  
Environmental Engineer I

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

cc: Ahmad Nur, CDPH  
Verneta Simon, USEPA

Attachments CDPH Permit Form

**CDPH PERMIT FORM**



DEPARTMENT OF PUBLIC HEALTH  
CITY OF CHICAGO

(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 as potentially having environmental contamination on the site and adjacent right-of-way. This environmental contamination could threaten to human health and safety in connection with work performed at the site, or in the adjacent right-of-way, if proper safeguards are employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at CDPH, 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): Matthew Ziegler Signature: Matthew Ziegler

Site Address and Work Location (Describe exact site location and **attach map**): 200 N. Lake Shore Dr.

Nature of Work: Excavate to install 3 ft of new AT&T conduit.

Company Name, Address, Phone No.: AT&T 225 W. Randolph St. Chicago IL 60606

General / Prime Contractor Name, Address, Phone No.: Hydro-Exc. Inc. 321 E. Main St. Griffith IN  
*Include subcontractor information if applicable*

Safety Officer / Phone No. Andrew Piffer / 2197895005

Radiation Contractor / Phone No. and email address (if applicable) Steve Kornder / 2625157700

Check if City Department Work ☐ Department Name: \_\_\_\_\_

CDOT Permit No.: NA (Dig Ticket #601289607)

Today's Date: 1/4/23 Expected Start Date: 1/9/23 CDPH Approval / Date ahmad nur 01/04/2023

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 to take place near 200 N. Lakefront Dr. (east of L.S.D.) -A.N. 1/4









Excavation Location

Chicago Riverwalk

Dock B

Lakeland Trail

Lakeland Trail



Excavate 3 feet and  
place conduit  
between handholes

**Electric HH**

**Telephone HH 1**