



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

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

December 5, 2014

Mr. John Findley
Monson Nicholas Inc.
714 N. Yale
Villa Park, IL 60181

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit Address: 142 E. Ontario Street
Permit No.: 448076
AECOM Project No. 60333799

Dear Mr. Findley:

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 evening of October 20, 2014 to repair sidewalk joints and several small area of damaged concrete in front of the building at 142 E. Ontario St.

A surface survey was performed over the paved sidewalk located at 142 E. Ontario St. (see sketch). The surface survey was performed on approximately a 22-foot wide by 75-foot long section of sidewalk, while work was being completed to remove the broken concrete from three (3) small areas of the sidewalk. The three (3) small areas included a 2-foot by 2-foot, a 6-inch by 15-inch and a 1-foot by 1-foot section within the sidewalk. Surveying was performed before the broken concrete was removed as well as after the subgrade was exposed (i.e., about 4-inches below the paved surface). The field gamma measurements noted during the surface screening of the paved sidewalk ranged from a minimum of 5,300 counts per minute (cpm) to a maximum of 7,500 cpm unshielded. Gamma readings for the three areas where the subgrade below the concrete sidewalk was exposed ranged from 5,271 to 6,043 cpm.

Joint repairs were initiated following removal of the concrete from the three (3) damaged areas. The joint repairs included saw-cutting a narrow 2-inch wide by 1-inch deep groove along the joints. The groove was filled with an epoxy to complete the sidewalk repair. As such, the joint repairs did not expose any subgrade fill soil material.

The observed gamma readings were consistent with background readings for the area and the monitoring revealed no indication of fill soils above the clean-up value established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA cleanup value 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 inch NaI probe (Model 44-10). For the instrument used, the gamma count threshold indicative of the 7.1 pCi/g cleanup value is 18,279 cpm unshielded. Therefore, there was no indication of the presence of radiologically-contaminated fill soil and/or an exceedance of the USEPA cleanup value of 7.1 pCi/g total radium.

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,



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
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): BRAD HARRIS Signature: [Handwritten Signature]

Site Address and Work Location (Describe exact site location and attach map): 142 E ONTARIO

Nature of Work: Remove + Replace Sidewalk

Company Name, Address, Phone No.: MONSON NICHOLAS INC. 714 N YALE VILLA PARK, IL 60181 312-364-9098

General / Prime Contractor Name, Address, Phone No.: MONSON NICHOLAS INC. 714 N YALE VILLA PARK IL 60181 312-364-9098
Include subcontractor information if applicable

Safety Officer / Phone No. STEVE KOENDER AECOM 262 515 7700

Radiation Contractor / Phone No. (if applicable) STEVE KOENDER 262 515 7700 AECOM

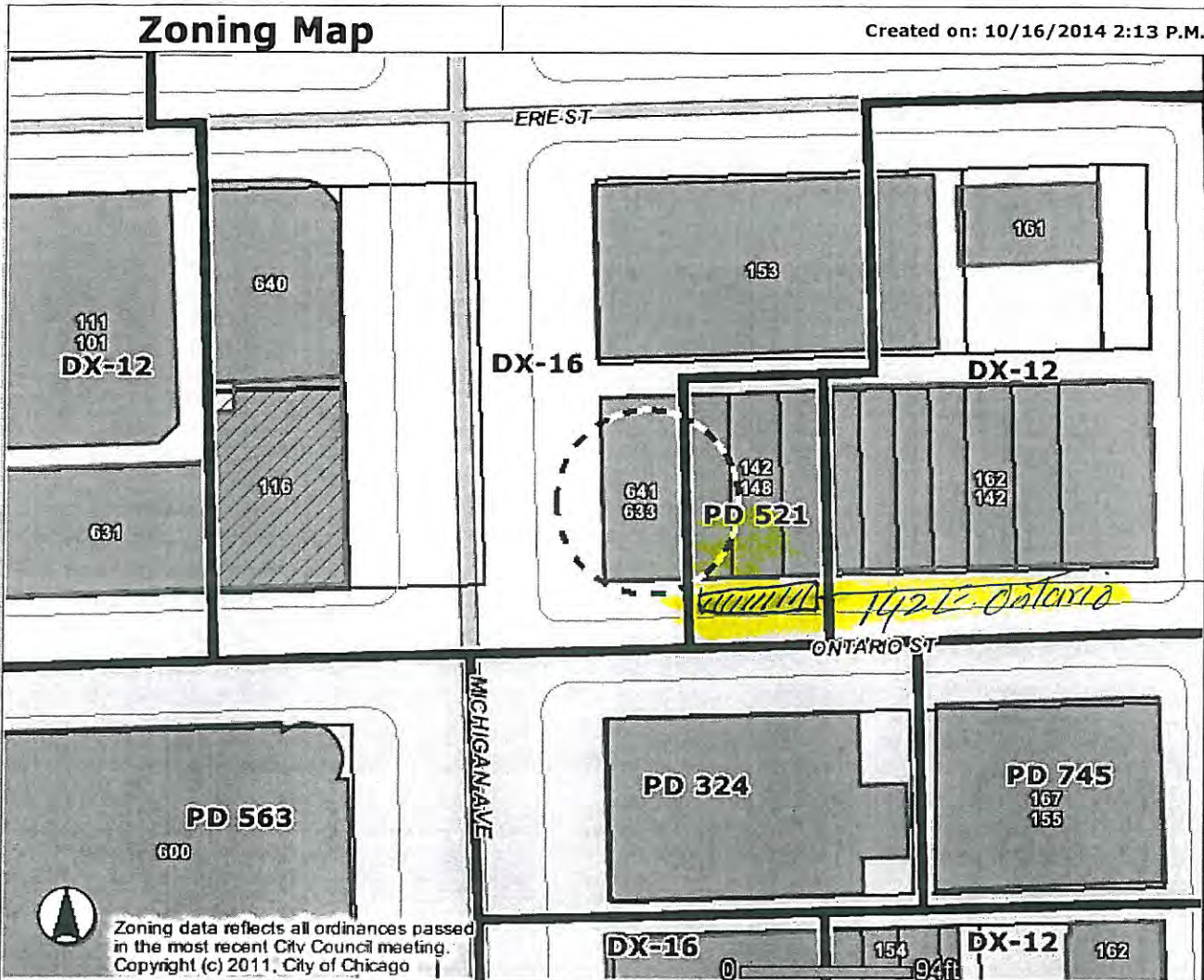
Check if City Department Work [] Department Name:

CDOT Permit No.: 448 076

Today's Date: 10-15-14 Expected Start Date: 10-20-14 CDPH Approval / Date: [Handwritten Signature] 10/16/2014

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



Address

142 E ONTARIO ST

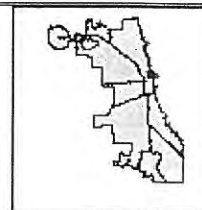
Zoning

- Business
- Commercial
- Manufacturing
- Residential
- Planned Development
- Planned Manufacturing
- Downtown Core
- Downtown Service
- Downtown Mixed
- Downtown Residential
- Transportation
- Parks & Open Space
- Zoning Boundaries

Historic Preservation

- CHICAGO LANDMARKS
- Chicago Landmarks
 - Landmark Districts
- Chicago Historic Resources Survey - Buildings subject to Demolition-Delay Ordinance
- Red
 - Orange
 - Water
 - Cemetery
 - Municipalities

- Lakefront
- Pedestrian Streets
- Buildings
- Parcels
- Streets
- Curbs
- Forest Preserve
- City Boundary



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SKETCH

JOB TITLE 142 E. ONTARIO STREET - ROW RADIOLOGICAL INVESTIGATION
 JOB NO. 60333799 CALCULATION NO. _____
 ORIGINATOR STEVE KANDGA DATE 10/20/14
 REVIEWER BRIAN SCUMIOT DATE 12/5/14
 SCALE N/A SHEET NO. 1 OF 1

