



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

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

October 18, 2017

Mr. Collin Tierney
Western Specialty Contractors, Inc.
2658 W. Van Buren St. Chicago, IL
60601

RE: Sidewalk Concrete Replacement – 305 E. Erie St.
Permit No.: DOT856975
Permit Address: 305 East Erie Street, Chicago, Illinois
AECOM Project No. 60554769

Dear Mr. Tierney:

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 September 13, 2017 for concrete removal for sidewalk replacement.

Surveying was performed on the fill beneath the concrete removed at 305 E. Erie Street required to address sidewalk concrete replacement. The work consisted of removing sidewalk concrete, approximately 20 feet long, by 25 feet wide. The concrete was approximately 12 inches thick, and the fill below the concrete was screened prior to the new concrete being poured. Refer to the attached sketch for the location of the excavation.

The monitoring did not indicate that the fill soils were above the removal action level established by the U.S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. 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 a shielded 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 7,374 (S/N: 172039) counts per minute (cpm) shielded.

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 1,900 cpm to a maximum of 3,900 cpm unshielded. The general subsurface stratigraphy was composed of urban fill, gravel, and sand. 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

Permit No.: DOT856975
Permit Address: 305 E. Erie St.
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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: Jim Cowee, The Chartres Lodging Group, LLC
Terry Sheahan, Chicago Department of Public Health
Verneta Simon, USEPA

Attachments: Permit
Sketch

PERMIT



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 (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): Collin Tierney Signature: [Signature]

Site Address and Work Location (Describe exact site location and attach map): 305 E Erie, Chicago, IL

Nature of Work: Sidewalk Concrete Replacement

Company Name, Address, Phone No.: Western Waterproofing Co., Inc., 2658 W Van Buren St, Chicago, IL, 773-638-5206

General / Prime Contractor Name, Address, Phone No.: Subcontractor: Green Demolition, 1427 W Dickens, Chicago, IL 60614
Include subcontractor information if applicable

Safety Officer / Phone No. Eric Olson / 314-799-3197

Radiation Contractor / Phone No. and email address (if applicable) AECOM, 262-515-7700, steve.kornder@aecom.com

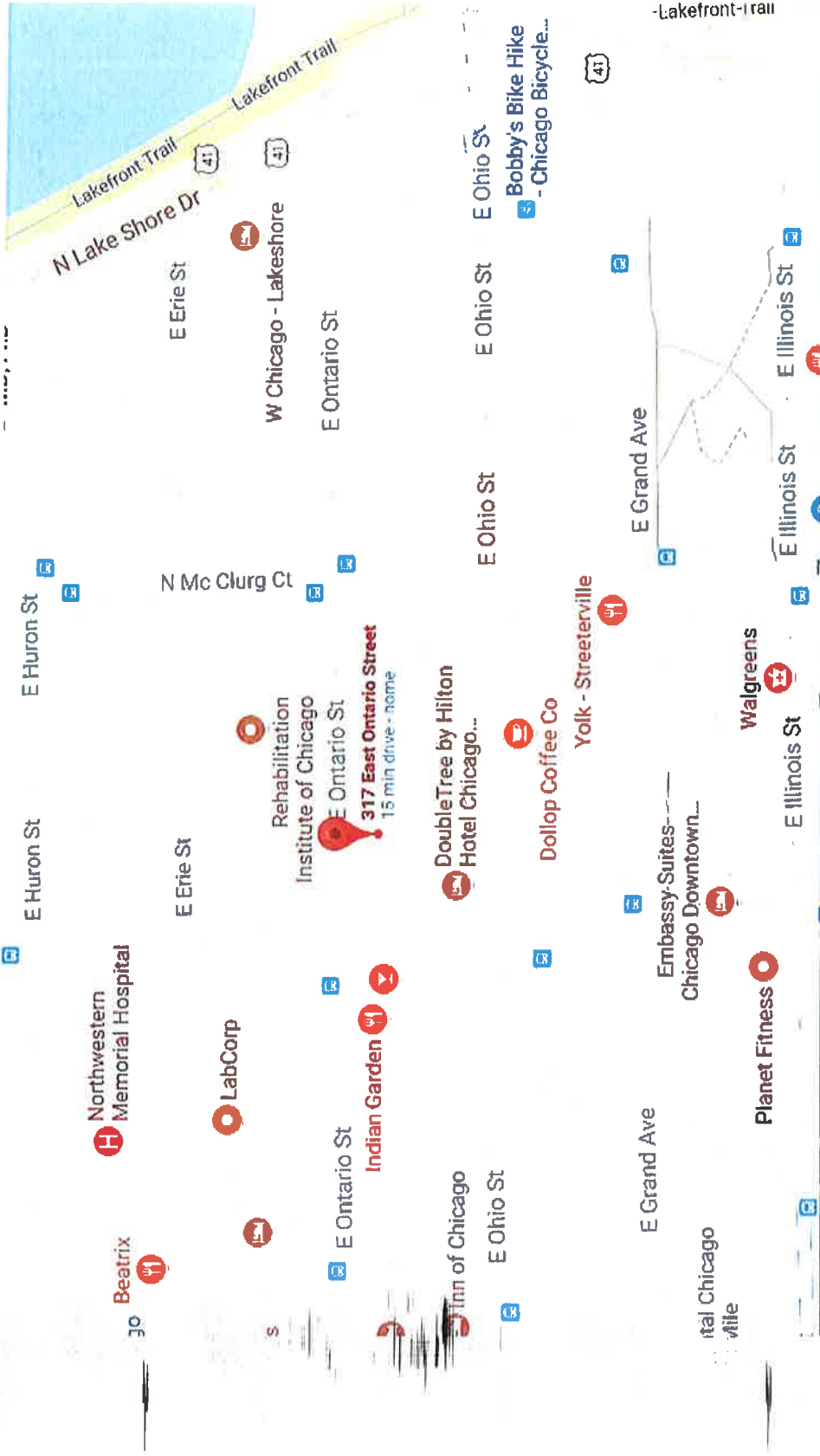
Check if City Department Work Department Name: _____

CDOT Permit No.: DOT 856975

Today's Date: 9/8/17 Expected Start Date: 9/12/17 CDPH Approval / Date: [Signature] 9-11-17

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

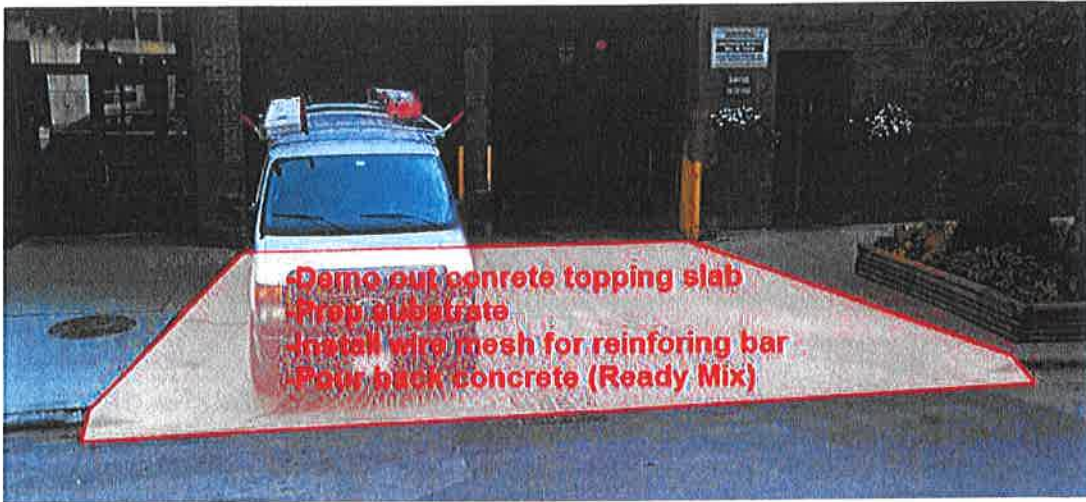


chrome

9/11/2017, 9:34:33 AM

Chrome Legacy Window

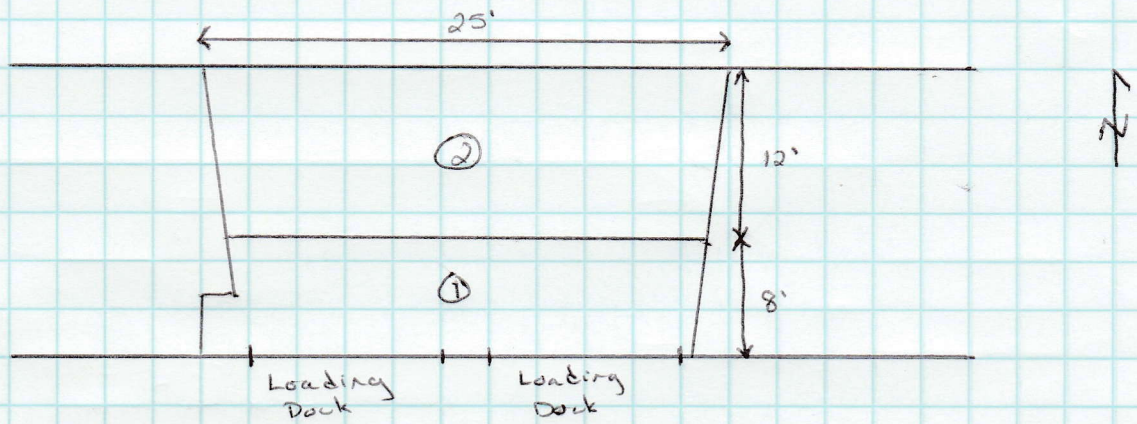
317 E Ontario St - Google Maps - Google Chrome



- Demo out concrete topping slab
- Prep substrate
- Install wire mesh for reinforcing bar
- Pour back concrete (Ready Mix)



Job Title: 341 E. Ontario
Originator: K. Korczak
Date: 10-10-17



Equipment: Ludlum 2221 S/N: 172039
Probe 2x2 NaI S/N: PR174406
unshielded: 18,551 cpm
shielded: 7,374 cpm

<u>Depth</u>	<u>CPM (shielded)</u>
① Surface 12" (below concrete)	Concrete 1900-2800
② Surface 12" (below concrete)	Concrete 1900-3900

SKETCH