



AECOM
303 E. Wacker Drive, Suite 1400
Chicago, Illinois 60601

312-373-7700 tel

July 18, 2018

Ms. Sandra Rubio
AT&T Illinois
2427 Union Street
Blue Island, Illinois 60406

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit No.: DOT968798
Permit Address: 204-206 E. Ohio St.
AECOM Project No. 60163572

Dear Ms. Rubio:

Pursuant to conditions specified in a permit (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 monitoring on July 17, 2018 for a trench excavation to repair a communications conduit.

Surveying was conducted within the excavation and on the spoil removed at the above referenced site (see sketch). The excavation is located within an alley south of E. Ontario St., north of E. Ohio St., and approximately 95-feet east of N. Saint Clair St. The excavation trench was approximately 10-feet long, 5-feet wide, and excavated to a depth of 3-feet below ground surface (bgs). The work consisted of removal of existing roadway pavement within an alley as well as subsurface fill material.

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 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 6,367 (S/N: 176944) counts per minute (cpm) shielded. The field instrument background level within the nearby planter was recorded at 1,600 cpm shielded.

The field gamma measurements within the excavation and of the spoil materials generated during the excavation process did not exceed the field instrument threshold equivalent to the USEPA removal action level and ranged from a minimum of 1,800 cpm to a maximum of 2,200 cpm shielded. The lithology in the area consisted predominantly of sub-base (1-inch stone) and yellow to light brown sand, both of which are considered as clean fill material. 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 at any of the excavations. A copy of the permit, annotated drawing and gamma survey results have been included as attachments.

As part of the permit conditions this letter has been forwarded to:

Chicago Department of Public Health
Attn: Mr. Terry Sheahan
333 South State Street, Rm. 200
Chicago, Illinois 60604

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
Michael McCarthy, AT&T

Attachments: CDOT Permit
Annotated Drawing and Results

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) 743-3152 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) 424-3802.

Applicant Name (print): MICHAEL McLEATHY Signature: Michael McLeathy

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

IN THE ALLEY AT THE REAR OF 204-206 E. OHIO ST.

Nature of Work: EXCAVATE (1) 10'x5'x4' CONDUIT REPAIR PIT

Company Name, Address, Phone No.: AT-T, 225 W. RANDOLPH, 312.330.4808

General / Prime Contractor Name, Address, Phone No.: HYDRO-EX INC., 3401 E. 15TH, GARY, IN

(Include subcontractor information if applicable)

Safety Officer / Phone No.: 219.922.9819

Radiation Contractor / Phone No. and email address (if applicable): AELCOM

Check if City Department Work ☐ Department Name: _____

CDOT Permit No.: DOT 968798

Today's Date: 7/10/2018 Expected Start Date: 7/17/2018 CDPH Approval / Date: J Sheehan 7-12-18

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 Zone Sketch (Include Street Names, Roadway Layout, Roadway/Sidewalk

Widths, and Work Zone Layout)

Address Range: 200-210 E. Ohio Street (Rear Alley)
*Please Add Curbi Asphalt to the permit.

**DOT Public Way Opening
Opening in the Public Way**

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

Received Date: June 28, 2018 5:58 pm

**A01ATBS
ISSUED**

AT&T (SBC IL)
2427 UNION
BLUE ISLAND, IL 60406
U.S.A.

SANDRA RUBIO (708)824-2817

Issued: 07/12/2018

PERMIT REQUESTED DATES

July 05, 2018 through July 19, 2018

PERMIT DETAILS

Ward(s): 42

Public Way Opening for the purpose: DIG 1 CONDUIT REPAIR PIT

Excavation may commence on July 05, 2018 - NO SOONER

200 - 210 E OHIO ST - Number of Openings: 1

Alley

10 Ft (L) x 5 Ft (W) x 5 Ft (D)

Subcontractors:

HYDRO-EXCAVATING, INC
3401 E 15TH AV
GARY, IN 46403
U.S.A.
(219)922-9819

CARDI ASPHALT AND PAVING COMPANY
5615 W. HOWARD STREET
NILES, IL 60714
U.S.A.
(773)631-0025

Restrictions:

1. Contractor must notify 811 Chicago at 312-744-7000 no less than 48 hours (exclusive of Saturdays, Sundays and Holidays) but no more than 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 Contractor must notify 811 Chicago to renewal the dig date! 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. When applicable, all excavation areas are to be clearly marked in safety white paint prior to calling 811 Chicago. White paint is not required for joint meets or emergency work. 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.
2. If Arterial Street Outside CBD, Then Start no earlier than 9:00 A.M. and end no later than 4:00 P.M.
3. A copy of the permit must remain on-site for inspector's review.
4. If Non-Arterial Street Outside CBD, Then Start no earlier than 7:00 A.M. and end no later than 3:00 P.M.
5. All work shall be in accordance with CDOT Rules and Regulations for Construction in the Public Way and City of Chicago Municipal Code. Work to be performed as per plans and specifications. All traffic control will be the responsibility of the contractor, and must comply with all CDOT and MUTCD standards.
6. Permittee must provide a sign which identifies the telephone number and company or person performing the work. Signage may be affixed to barricades.

7. Contractor must secure plating over all openings in the roadway and secure all sidewalk/parkway openings during non-working hours until such time when the road surface is restored.
8. 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.
9. Start Time no Earlier than End Time no Later than

Radiation monitoring required

Fees:

There are no fees.

EFFECTIVE DATES OF PERMIT

Original Issued: 07/12/2018

END OF PERMIT

ANNOTATED DRAWING AND RESULTS

ATX-NITEL

ASE COMMON ID #NSN200286195

200 E OHIO ST

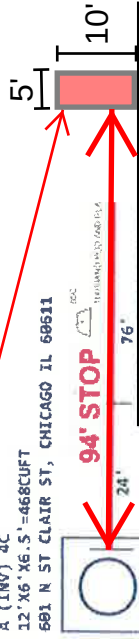
E ONTARIO ST

Excavation #1

MH 9128
A (INV) 4C
12' X 6' X 6.5' - 468 CU FT
591 N ST CLAIR ST, CHICAGO IL 60611

ALLEY

94' STOP



CONTRACTOR ROD AND ROPE
100 FT. 4" CONDUIT
OCCUPIED BY BKTA-360
OD OF CABLE IS 1.09

CUSTOMER CONTACT
CHARLES PERRY
773-321-2764

CFO MANAGER
MICHAEL MC CARTHY
312-364-0463

E OHIO ST

N SAINT CLAIR ST

MUNI PERMIT REQ'D
FOR MH ACCESS

PROJECT #	DATE SUBMITTED
A01ATBS	06/06/2019
LINE	REVISION
5026C	Q12950
PROJECT ENGR	CLIENT
LINDT, MICHAEL C.	CHGCLIS
ENGR ID	PERMIT REQ'D
ML9438	Y
PHONE #	PRINT
3129777552	1 OF 3

Gamma Survey
204-206 E. Ohio St.
AT&T

Survey Equipment

Ludlum 2221 S/N:	176944
Probe 2x2 NaI S/N:	RN21187
shielded:	6,367 cpm
background:	1,600 cpm
source block:	N/A
Personnel:	D. Domino
Date of Screening:	7/17/2018

Survey Results

Section	Depth (inches)	Readings (CPM)
1	0	Asphalt
	18	1,800
	36	2,200