

January 26, 2017

Mr. Bruce Hutcheon
Red Roof Inn – Downtown Magnificent Mile
162 E Ontario Street
Chicago, Illinois 60611

**Re: Radiation Soil Screening Summary Letter
Water Main Repair
Red Roof Inn – Downtown Magnificent Mile
162 E Ontario Street
Chicago, Illinois 60611**

Dear Mr. Hutcheon:

Pursuant to conditions specified in a permit (see attached) issued by the Chicago Department of Public Health (CDPH), radiation screening survey was required to be performed during water main repair related to the above referenced Site. The screening survey was performed on all side walls and the bottom of an opening (12 feet long, 6 feet wide and 8 feet deep) and excavated soils associated with water main repair along the 632 North St. Claire Street, Chicago under DOT #752390. CDPH granted the screening permit on January 19, 2017. The summary report describes current onsite activities conducted on January 19, 2017.

The summary report for this Site includes a detail of radiation screening activities for onsite excavation that took place on January 19, 2017. The Site is described as a specific portion of sidewalk that was excavated to gain access to the water main which services the Red Roof Inn located at 162 E Ontario Street, Chicago, Illinois. No levels above the USEPA action limit were detected during screening activities. The USEPA Action Level for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g) total radium (Ra-226 + Ra-228).

Summary of Significant Site Activities – January 19, 2017

A Ludlum Model 193 survey meter with a sodium iodide scintillation detector was used (Survey Meter # 149080). The meter has a thorium calibration of 3,900 counts per minute (cpm) with a background reading of 3,000 counts per minute (cpm) for the day of January 19, 2017. The calibration plus the background gives an equivalent action limit of 6,900 cpm for the meter used on this particular day as background readings can fluctuate day to day. Any readings over 6,900 cpm would be considered elevated and would require sampling and isolation procedures upon waiting for lab results.

The excavation was approximately 6 feet wide by 12 feet long and 8 feet deep to access and repair the broken water main under the Right-of-Way area near 632 North St. Claire Street, Chicago, Illinois. The excavation was located in the sidewalk along the west side of North Saint Clair Street between E Ontario

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Street and the west alley. The concrete and soils were removed and staged in 2 dump trucks. All the materials were screened properly using the meter. The trench was excavated and trench boxes were installed for worker safety and to keep the sidewalls from caving in. The sidewalls and floor of the excavation were screened using an unshielded probe. Readings for the trench were from 3,000 cpm to 6,300 cpm. No detections were above the field screening limit, equivalent to the USEPA action level for the Streeterville.

Soil Waste Disposal

All soils and concrete removed were taken back to the general contractor's facility (J&S Plumbing) for disposal (estimated 10 cubic yards/1 small dump truck load). The excavation was filled in with stone and the sidewalk will be re-installed.

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

US Environmental Protection Agency
Attn. Verneta Simon
77 West Jackson Blvd.
Chicago, Illinois 60604

If you have any questions, please feel free to contact me at 312-262-4330.

Sincerely,

RPS GaiaTech



John H. Yang, PG
Senior Vice President

cc: Vernita Simon – USEPA
Rahmat Begum – Chicago Department of Public Health

Attachments:

Site Layout Map
CDPH Authorization
Site Photos



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): BRUCE HUTCHEON

Signature: Bruce Hutchison

Site Address and Work Location (Describe exact site location and attach map): 162 E. ONTARIO ST., CHICAGO 632 N.

Work location: North St. Claire, West side, between Ontario & alley. ST. CLAIRE

Nature of Work: REPAIR WATER MAIN

Company Name, Address, Phone No.: RED ROOF INN #281, 162 E. ONTARIO ST. (312) 787-3580

General / Prime Contractor Name, Address, Phone No.: J&S Plumbing, 370 BAND ST. ELK GROVE VILLAGE 60007

Include subcontractor information if applicable: (847) 690-0384, SEAN McGRATH

Safety Officer / Phone No. (847) 690-0384, SEAN McGRATH

Radiation Contractor / Phone No. (if applicable) RPS GAIATECK (312) 541-4200

Check if City Department Work Department Name: _____

DOT Permit No.: DOT 752390

Today's Date: 1/18/17 Expected Start Date: 1/16/17

CDPH Approval / Date: [Signature]

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 DOT 752390 FOR 632 N. ST. CLAIRE

PERMIT SET FOR: 162 E. ONTARIO, CHICAGO, IL 60611

SCOPE OF WORK
 • INCLUDES ALL NECESSARY PERMITS

Sheet Number	Sheet Title
T0	COVER SHEET
E1.0	SYMBOLS, SCHEDULES, ETC.
A0.1	DEMOLITION PLANS
A1.1	SECOND FLOOR PLAN
A1.2	TYPICAL PLAN (BHD-16TH FLOOR)
B2.0	DOMESTIC WATER RISER DIAGRAM
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B2.2	DOMESTIC WATER RISER DIAGRAM
B2.3	DOMESTIC WATER RISER DIAGRAM
M1.0	Mechanical Plans
E1.0	ELECTRICAL PLANS

Sheet List Table

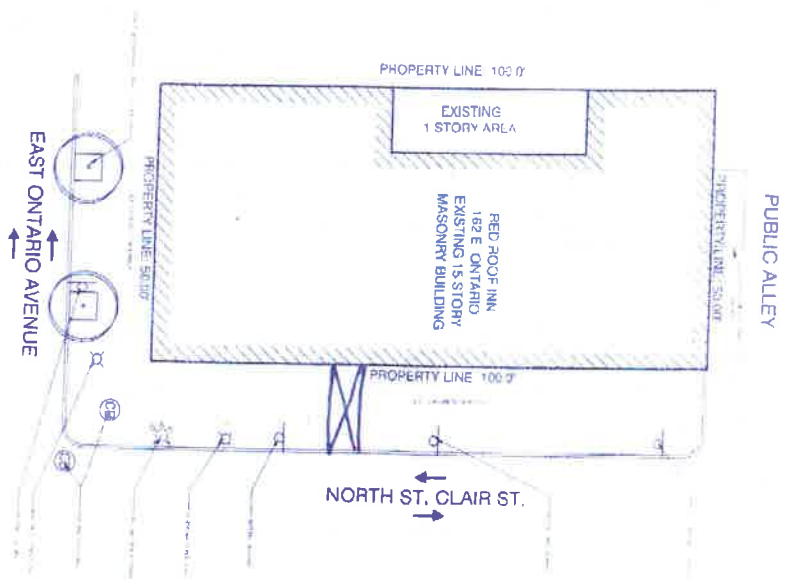
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BUILDING CODES AND ZONING ORDINANCES

Chicago Building Code (CBC) - 2012 Edition
 Chicago Zoning Ordinance (CZO) - 2012 Edition
 International Building Code (IBC) - 2012 Edition
 International Residential Code (IRC) - 2012 Edition

PROJECT CONTACT LIST

Architect: [Name]
 Engineer: [Name]
 Consultant: [Name]



Sheet Number	Sheet Title
T0	COVER SHEET

162 E ONTARIO
 CHICAGO IL 60611

WALLIN + GOMEZ

RED ROOF INN
 INTERIOR RENOVATION



Photo 1: View of water main replacement



Photo 2: View facing south along west side of N Saint Clair Street of excavation



Photo 3: View of screening excavation sidewalls and floor



Photo 4: View of screening excavation soil spread out on floor of dumptruck