

February 24, 2016

Mr. Jim Cleary
Jones, Lang, LaSalle
Tribune Tower
435 N Michigan Avenue, Suite 1231
Chicago, Illinois 60611

**Re: Radiation Soil Screening Summary Letter
Lower Parking Area (Stalls 27 & 28)
Tribune Tower
435 N Lower Michigan Avenue
Chicago, Illinois 60611
Permit #600036802
RPS GaiaTech Project #160994.400.00**

Dear Mr. Cleary:

Pursuant to conditions specified in a permit (see attached) issued by the Chicago Department of Public Health, radiation screening survey was required to be performed at the above referenced Site. The Site is described as a specific portion of a lower parking lot (Stalls 27 & 28) that is located at 435 N Lower Michigan Avenue, Chicago, Illinois. The onsite construction activities on February 10, 2016 included saw cutting of four 1.5 foot x 1.5 foot sections of concrete located along the south edge of the parking lot along North E Water Street, the removal of the concrete and the placement of bollards and forms for new concrete. RPS GaiaTech provided the required radiation surveillance during the construction activities at the Site. No elevated levels were detected during screening activities. The summary report for this Site includes a detail of radiation screening activities for onsite construction that took place on February 10, 2016.

A Ludlum Model 193 survey meter with a sodium iodide scintillation detector was used (Survey Meter # 149064). The meter has a thorium calibration of 4,100 counts per minute (cpm) with a background reading of 1,500 cpm for the day of February 10, 2016. The calibration plus the background gives an action limit of 5,600 cpm for the meter used on this particular day as background readings can fluctuate day to day. Any readings over 5,600 cpm would be considered elevated and would require sampling and isolation procedures upon waiting for lab results. The USEPA cleanup value for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g) total radium (Ra-226 + Ra-228).

Four areas (A-D) measuring 1.5 foot x 1.5 foot square were saw cut and removed using a skid steer with a breaker to a depth of three feet. The concrete was removed to access sections of old guard rail so they could be removed and to install four bollards to prevent unwanted traffic from North E Water Street coming onto Tribune Property. The broken concrete was removed from holes A-D after being screened at 1 foot intervals. No elevated levels were detected during screening activities.

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A summary of the screening is detailed in the following table below:

Screening - Readings in Counts Per Minute				
<i>DEPTH</i>	<i>AREA A</i>	<i>AREA B</i>	<i>AREA C</i>	<i>AREA D</i>
Surface (Under Slab)	2,000-3,000 cpm	2,000 cpm	1,500 cpm	2,000 cpm
1 ft bgs	2,000-3,000 cpm	2,000 cpm	2,000 cpm	2,000 cpm
2 ft bgs	2,000-3,000 cpm	2,000 cpm	2,000 cpm	2000-3000 cpm
3 ft bgs	5,100 cpm	3,000 cpm	2000-3000 cpm	2000-3000 cpm

All concrete was removed to a depth of 3 feet which was underlain by sand. No soils/fill materials were removed from the Site. The concrete (4 wheelbarrows full) taken away by the general contractor (William Hach & Associates) for disposal or recycle, after all the concrete were screened to be free of thorium contamination.

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: Verneta Simon – USEPA
 Rahmat Begum – Chicago Department of Public Health

Attachments:

Site Photos
 Site Layout Map
 CDPH Authorization/Permit



Photo 1: View facing southwest of Hole A concrete removal. Old rail in foreground to be removed.



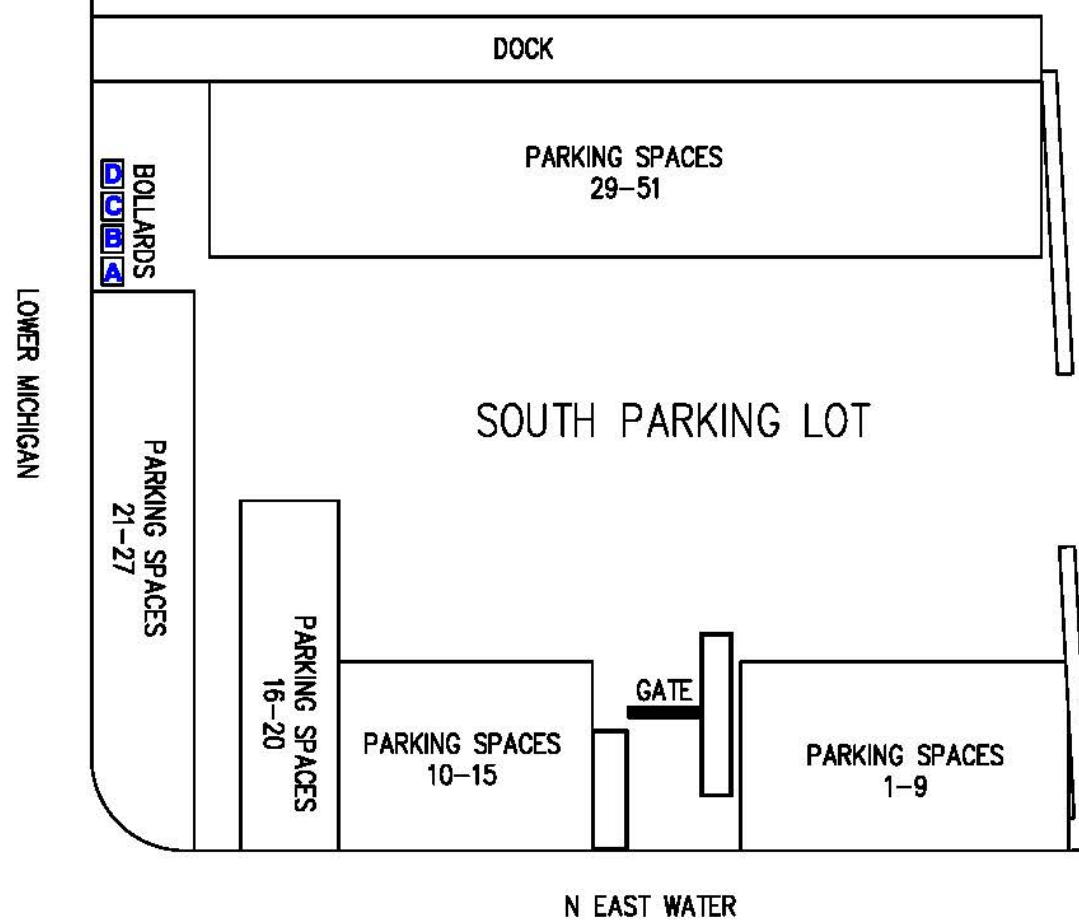
Photo 2: View facing south of Holes A through D



Photo 3: View facing west of holes C and D



Photo 4: View showing forms for concrete pour.



LEGEND
 --- SITE BOUNDARY

DESCRIPTION: PARKING LOT - TRIBUNE TOWER NORTH LOWER MICHIGAN MICHIGAN AVENUE CHICAGO, ILLINOIS 60611	DRAWN:	JB	FIGURE: SITE LAYOUT MAP
	SCALE:	NTS	
	DATE:	2/18/16	FILE: 161894_400.00



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

FORM NO. CDPH.PRPTY.02 (STREETERVILLE - Private Property)

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. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, 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. Further, I will ensure that all work at the subject site, 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 CDPH and the United States Environmental Protection Agency (USEPA) **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): Patrick W. Hoole Signature: [Signature]

Site Address and Work Location (Describe exact site location and attach map): 435 N. Lower Michigan Ave,

Chicago, IL 60611 South Parking Lot Stalls 27 & 28

Nature of Work: Excavation of Asphalt & soil substrate to depth of 36" in (4) locations. In stall steel fastings/boilards, forms to put in new concrete.

Company Name, Address, Phone No.: tribune tower - 435 N Michigan Ave, Suite 1231, Chicago, IL 60611 (312) 222-4680
Represented By RPS GalatTech 135 S LaSalle, Suite 3500 60611 (312) 262-4380

General / Prime Contractor Name, Address, Phone No.: William Hach & Associates 140 S 7th Ave, Maywood, IL (708) 743-0578 60153

Safety Officer / Phone No. John Yang 312-262-4330

Radiation Contractor / Phone No. (if applicable) RSSI - El: Port 847-965-1999

Check if City Department Work Department Name: N/A Dig#

CDOT Permit No. or Developer Services No.: N/A 600036802

Today's Date: 02/05/2016 Expected Start Date: 02/10/2016 CDPH Approval / Date: [Signature] 2/9/2016

Please return this completed form along with maps showing exact site location to CDPH at 333 S. State St., Room 200, Chicago, Illinois 60604 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday)

For CDPH Use Only