



135 S LaSalle Street, Suite 3500, Chicago, Illinois 60603  
T 312 541 4200 W [rpsgroup.com/usa](http://rpsgroup.com/usa)

September 24, 2018

Mr. Matt Nygren  
Director of Development  
Tribune Tower West Chicago Owner, LLC.  
c/o Golub & Company LLC  
625 North Michigan Ave. Suite 2000  
Chicago, Illinois 60611

**Re: Radiation Soil Screening Summary Letter  
Installation of Temporary External Hoist  
430 North Michigan Ave., Chicago, Illinois  
Permit #600523489**

Dear Mr. Nygren:

Pursuant to conditions specified in an excavation screening permit (see attached) issued by the Chicago Department of Public Health (CDPH), radiation screening survey was required to be performed at the above referenced Site. The Site is described as a small area of the east parking lot, located at 435 North Michigan Avenue, Chicago, Illinois.

The onsite construction activities on September 12, 2018 included removing of asphalt pavement from the area proposed for installation of the external hoist near the northwest corner of the east parking lot. Additionally, approximately 6-inch fill materials were removed below the pavement. RPS Group, Inc. (RPS) provided the required radiation surveillance during the removal of pavement and excavation of fill materials at the Site. No elevated levels were detected during screening activities.

A Ludlum Model 193 survey meter with a sodium iodide scintillation detector was used (Survey Meter # 149064). The meter (Series #149080) had a thorium calibration reading of 4,686 counts per minute (cpm) and a background reading of 2,000 cpm on September 12, 2018. The calibration plus the background gives an action limit of 6,686 cpm for the meter used on site on the day. Any readings over 6,686 cpm would be considered elevated, indicating potential present of thorium impacts, the fill of the area would require soil sampling for gamma spectroscopy analysis, as required by USEPA. Meanwhile, isolation procedures for such the area would be triggered, waiting for analytical results. The USEPA Action Level is 7.1 picocuries per gram (pCi/g) total radium (Ra-226 + Ra-228) for Streeterville area of Chicago.

The work area covered under the permit was approximately 6 feet x 12 feet with the Site. Two layers of asphalt were removed to explore fill materials/soil below the pavement. A total of 2- to 6- inch thick of fill materials were disturbed and removed as required for installation of a hoist in the area. No elevated levels of the meter readings were detected during screening activities.

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

| <b>Depth (inch)</b>                    | <b>Temporary External Hoist</b> |
|--|---------------------------------|
| 2-inch Asphalt (1 <sup>st</sup> layer) | 2,400 cpm                       |
| 6-inch asphalt (2 <sup>nd</sup> layer) | 2,600 cpm                       |
| 2- 6-inch fill/soil                    | 2,800 cpm                       |

All the field readings were well below the meter action level of 6,686 cpm. As no potential thorium impacts were detected, no soil sampling was required according to USEPA sampling protocol.

As part of the permit conditions this letter will be forwarded to:

Chicago Department of Public Health  
Attention: Terry Sheaham  
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 Group, Inc.**



John H. Yang, LPG  
Senior Vice President

cc: Verneta Simon – USEPA  
Terry Sheaham – Chicago Department of Public Health

Attachments:

Site Layout Map  
CDPH Authorization/Permit



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 (For RPS) Signature: Patrick W. Hoole

Site Address and Work Location (Describe exact site location and attach map): 435 N Lower Michigan Ave  
Chicago, IL 60611, East Parking Lot - NW Corner

Nature of Work: Thorium Screening For Installation of Temporary External Hoist Red 1-2 Feet In Depth

Company Name, Address, Phone No.: Tribune Tower West (Chicago) Owner, LLC | 435 North Michigan Ave, Chicago, IL 60611 | Represented by RPS (312) 745-3152  
(312) 818-4694 | 135 S LaSalle, Ste 3100, Chicago, IL 60607

General / Prime Contractor Name, Address, Phone No.: Walsh Construction 929 West Adams St, Chicago, IL 60607  
(312) 563-5400

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

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

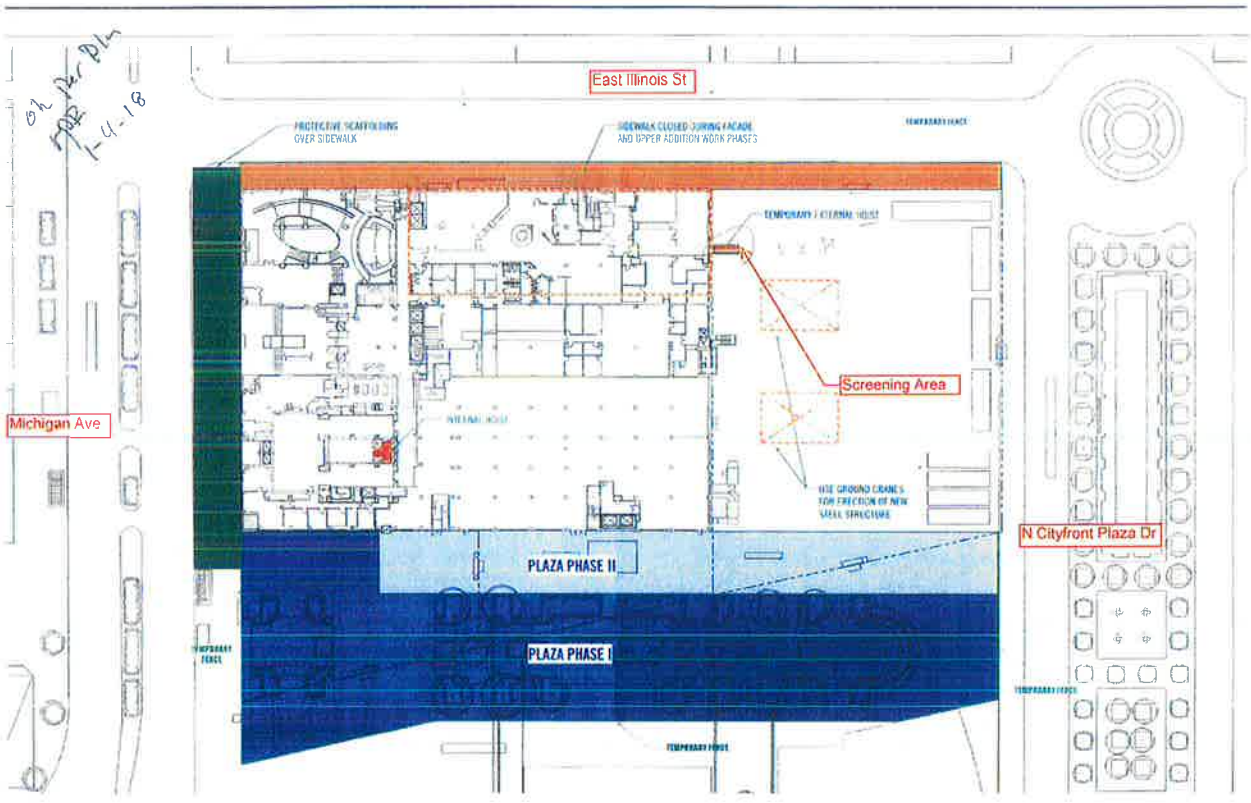
Check if City Department Work  Department Name: N/A

CDOT Permit No. or Developer Services No.: WMA Dig #600523489

Today's Date: 09/07/18 Expected Start Date: 09/13/18 CDPH Approval / Date: JJ Leahan 9-7-18

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



**WALSH** WALSH CONSTRUCTION  
 700 WEST ADAMS STREET  
 CHICAGO, IL 60607  
 (312) 552-5400

TRIBUNE TOWER CONVERSION  
 411 NORTH WASHINGTON STREET  
 CHICAGO, IL 60611

SL-21  
**UPPER LEVEL SITE LOGISTICS**