

December 18, 2025

705371

Dominick Owens  
INTREN  
3524 3528 Martens St.  
Franklin Park, IL 60131

RE: Thorium Monitoring – 618-629 N. Fairbanks Ct.  
CDOT Permit: 2193519

Dear Mr. Owens:

Stan A. Huber Consultants, Inc (SAHCI) was hired by your firm to provide radiation monitoring during excavation for two ComEd frame and cover adjustments at 618-629 N. Fairbanks Ct. in Chicago, Illinois. The monitoring was performed by Aaron Morris, SAHCI Health Physicist, on December 12, 2025.

#### Instrumentation

Surface gamma scans were performed using a Ludlum Model 2221 Scaler / Ratemeter (serial no. 132844) with attached Ludlum Model 44-10 2"x2" NaI Detector (w/ 6" collimated lead shield). The instrument was calibrated on May 6, 2025. The US Environmental Protection Agency (USEPA) action level of 7.1 picocuries per gram (pCi/g) total thorium for this instrument is 7,141 counts per minute (cpm).

The average background count rate for this location was 1,683 cpm.

#### Soil Gamma Scans

Gamma surface scans were performed using the Ludlum Model 2221 Scaler / Ratemeter described above. Survey data was collected by scanning the surface and walls of the excavation surrounding the existing manholes to a depth of 12 inches below ground surface. Excavated material was loaded directly into a truck for disposal.

The maximum gamma count rate for each lift was recorded on the attached Radiation Survey Form. The count rates ranged from 2,200 cpm to 2,600 cpm. No count rates were found at any time that exceeded the threshold limit of 7,141 cpm.

#### Additional Monitoring

Since no count rates were identified above the 7.1 pCi/gram threshold limit, no additional soil sampling, air monitoring, or personnel monitoring were performed.

I will be providing a copy of this report to both the City of Chicago Department of Public Health and US Environmental Protection Agency, as required.

Thank you for your assistance with this project. If you have any questions or need additional information, please call me at (815) 485-6161.

Sincerely,  
Stan A. Huber Consultants, Inc.



Glenn Huber, CHP  
President

# ***Radiation Survey Form***

**Location/ Project ID:** 618-629 N. Fairbanks Ct. ComEd Frame and Covers

**Date:** 12/12/25

**Technician:** Aaron Morris

**Inst Model:** Ludlum 2221

**Serial No. :** 132844

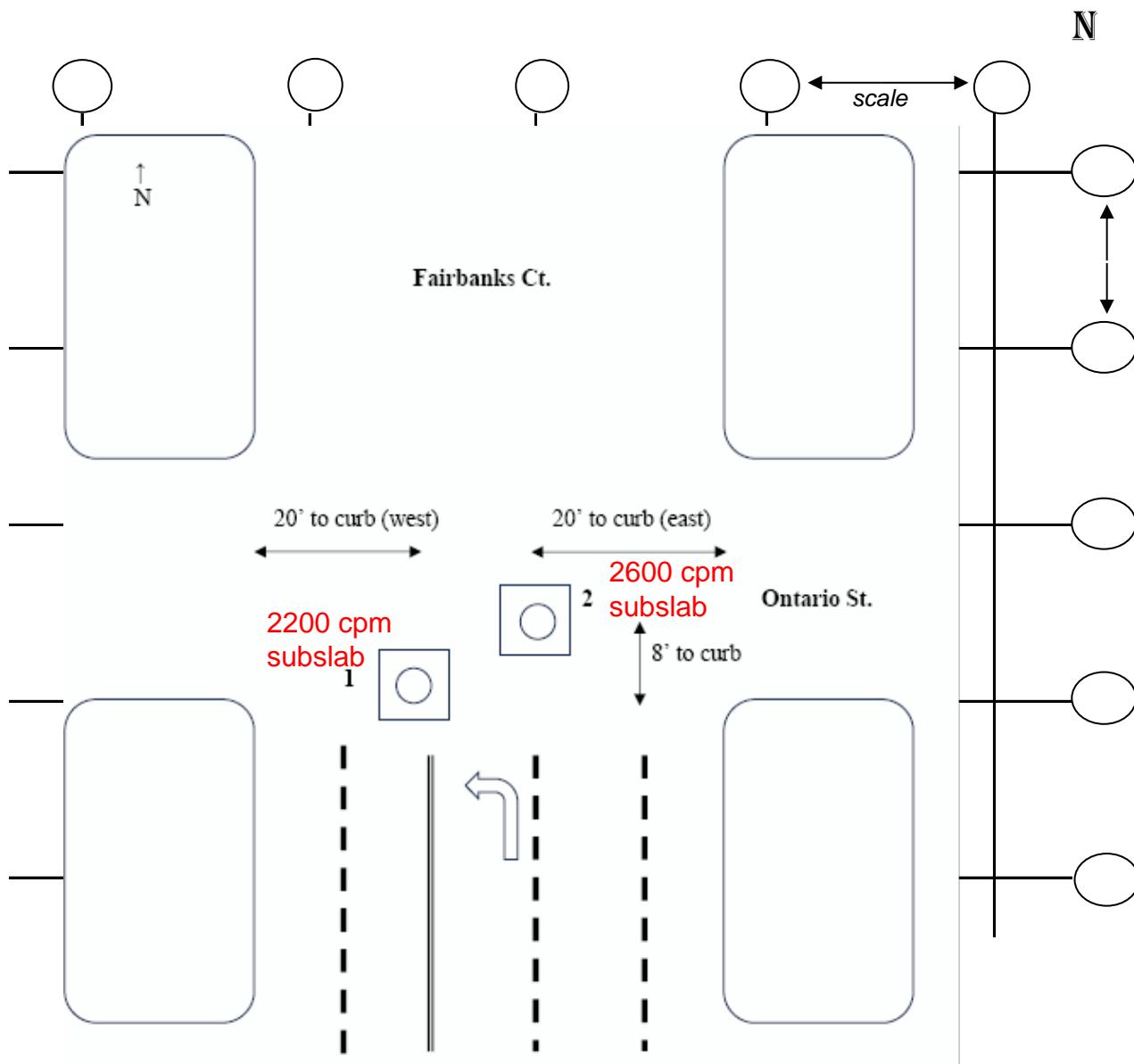
**Probe Type:** 1"x1" NaI / 2"x2" NaI  
Shielded / Not Shielded

**Lift Elevation:** Surface to -18"

## Background 1,683 cpm

Action Level: 7,141 cpm

Write grid designations in circles. Record highest counts for grid in cpm. Record 30 second counts at grid intersections (if required). Shade areas of elevated counts and record max cpm.



Note: Survey Form prepared by Glenn Huber based on Aaron Morris field notes. Each frame and cover excavation 6'x 6' GAH 12/18/25