



135 S. LaSalle Street, Suite  
3500  
Chicago IL 60603  
T 312 541 4200

February 23, 2021

Mr. Carl Brown  
Project Manager  
Tribune Tower West Chicago Owner, LLC.  
c/o Golub & Company625.  
North Michigan Ave. Suite 2000  
Chicago, Illinois 60611

**Re: Thorium Screening Summary Letter  
Manhole Repair  
140-188 E. North Water Lower Street, Chicago, Illinois  
Permit Dig Ticket#600937407**

Dear Mr. Brown:

Pursuant to conditions specified in an excavation screening permit (see attachment A) 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 on the Right-of-Way, 140-188 East North Water Lower Street, Chicago, Illinois.

## Screening for Thorium

On January 14, 2021, Mike Duet from RPS was present for inspection and thorium screening activities during the manhole repair activities on the Right-of-Way area at the above-referenced address. The asphalt/concrete surface, and the fill soil underlying the pavement when broken were screened using a Ludlum Model 12 survey meter with a sodium iodide scintillation detector. The screening survey was required for potential thorium contamination during any intrusive activities when fill materials could potentially be disturbed in the Streeterville Area.

The Ludlum Model 12 meter has a thorium calibration value of 5,950 counts per minute (cpm) with a background reading of 2,200 cpm on the Site on January 14, 2021. The calibration value plus the background gives an action limit of 8,150 cpm for the meter at the Site for the duration. Any meter readings over 8,150 cpm would be considered elevated and would require soil sampling and isolation procedures upon waiting for analytical results to confirm the radiation results. The USEPA cleanup level for Chicago's Streeterville area is 7.1 picocuries per gram (pCi/g) total radium (Ra-226 + Ra-228).

The work involved lowering a manhole to required grade. Excavator (LUC) began by breaking concrete around manhole. The concrete pad of the manhole was approximately 6 inches thick and extra concrete surrounding it. To remove the pad, the extra concrete was hammered down. The broken concrete and some soil surrounding pad were removed and temporarily stockpiled. Soil around the pad was excavated to a maximum depth of 3 feet below ground surface (bgs) to allow for pad removal. The screening readings are listed below:

- Screening at 0.5 feet bgs, maximum reading is 3200 cpm.
- Screening at 1.5 feet bgs, maximum reading of 2400 cpm.
- Screening at 3.0 feet bgs, maximum reading of 3200 cpm.

All the screening results were below the USEPA screening action level for thorium; thus, no suspected thorium contamination was detected in the work area for the duration. Pictures of selected field activities are included in Attachment B.

As part of the permit conditions this letter is 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:

- A - CDPH Authorization/Permit & Work Area Map
- B - Photo Logs

**Attachment A**

**Site Location Map & CDPH Permit**



DEPARTMENT OF PUBLIC HEALTH  
CITY OF CHICAGO

**(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): Rickey Higgins Signature: [Handwritten Signature]

Site Address and Work Location (Describe exact site location and attach map): 140-188 East North  
Water lower St

Nature of Work: Manhole repair

Company Name, Address, Phone No.: LVC Group LLC 505 Shawmut Ave La Grange Park IL 60526

General / Prime Contractor Name, Address, Phone No.: Walsh Construction 929 Adams Chicago IL  
*Include subcontractor information if applicable*

Safety Officer / Phone No. Tom Lovadario 312 285 5541

Radiation Contractor / Phone No. and email address (if applicable) RPS Group Larry Bertsch Larry.Bertsch@rps.com  
312 541 4200

Check if City Department Work  Department Name: \_\_\_\_\_

CDOT Permit No. or Developer Services No.: Dig Ticket #: 600937407

Today's Date: 1/11/21 Expected Start Date: 1/13/21 CDPH Approval / Date ahmad nur 01/11/2021

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*

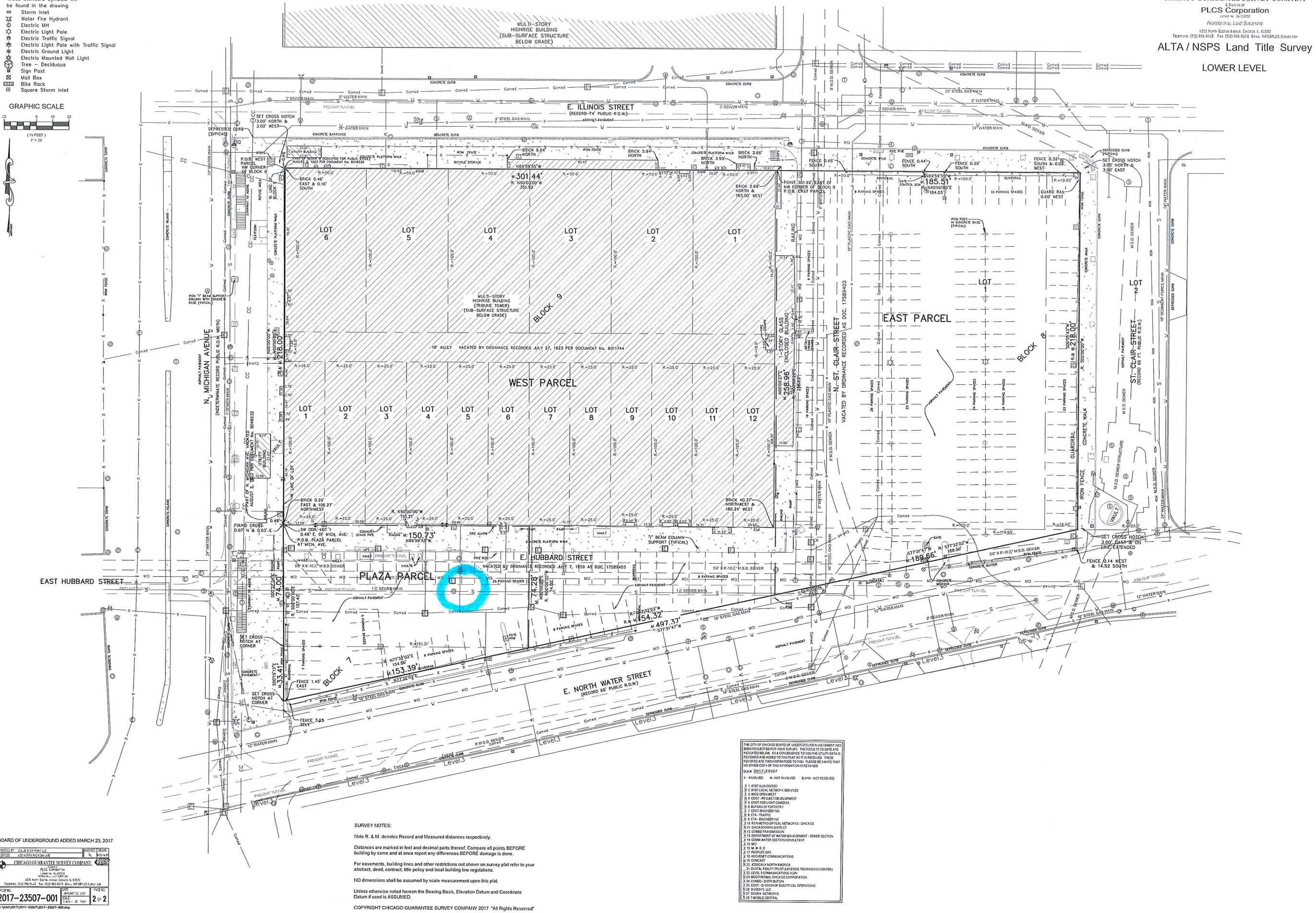
LEGEND

- These standard symbols will be found in the drawing.
- Storm Inlet
- Water Fire Hydrant
- Electric MH
- Electric Light Pole
- Electric Traffic Signal
- Electric Light Pole with Traffic Signal
- Electric Ground Light
- Electric Mounted Wall Light
- Tree - Deciduous
- Sign Post
- Mail Box
- Bike Rack
- Square Storm Inlet

GRAPHIC SCALE



CHICAGO GUARANTEE SURVEY COMPANY  
 A Division of  
**PLCS Corporation**  
 PROFESSIONAL LAND SURVEYORS  
 4533 North Elm Street, Chicago, IL 60630  
 Telephone: (312) 916-9415 Fax: (312) 916-9478 E-mail: RFG@PLCS-SURVEY.COM  
**ALTA / NSPS Land Title Survey**  
 LOWER LEVEL



THE CITY OF CHICAGO BOARD OF UNDERGROUND UTILITIES HAS BEEN REQUESTED FOR YOUR SURVEY. THE RESULTS TO DATE ARE INDICATED BELOW. A FEEDBACK TO YOU IS REQUESTED. THESE RECORDS ARE THE PROPERTY OF THE CITY OF CHICAGO AND WILL BE DESTROYED IN 10 YEARS. PLEASE BE AWARE THAT NO OTHER COPY OF THIS INFORMATION IS RETAINED.  
 DATE: 2017-2-23-2017

1	AT&T TELEPHONE	16	NOT INVOLVED	BLANK	NOT RECORDED
2	AT&T LOCAL NETWORK SERVICES	17	NOT INVOLVED		
3	BECS ENERGY	18	NOT INVOLVED		
4	CDOT - PROJECT DEVELOPMENT	19	NOT INVOLVED		
5	CDOT - ROADWAY CONSTRUCTION	20	NOT INVOLVED		
6	BUREAU OF FORESTRY	21	NOT INVOLVED		
7	CDOT - ENGINEERING	22	NOT INVOLVED		
8	CTA - TRAFFIC	23	NOT INVOLVED		
9	CTA - ENGINEERING	24	NOT INVOLVED		
10	COMMERCIAL OPTICAL NETWORKS - CHICAGO	25	NOT INVOLVED		
11	COMCAST	26	NOT INVOLVED		
12	COMCAST NORTH AMERICA	27	NOT INVOLVED		
13	DIGITAL REALTY TRUST (BANKING TECHNOLOGY CENTER)	28	NOT INVOLVED		
14	COMCAST COMMUNICATIONS FIBER	29	NOT INVOLVED		
15	MOVING/INTERNAL CHICAGO CORPORATION	30	NOT INVOLVED		
16	COMED - DISTRIBUTION	31	NOT INVOLVED		
17	CDOT - DIVISION OF ELECTRICAL OPERATIONS	32	NOT INVOLVED		
18	SURETY, LLC	33	NOT INVOLVED		
19	SOIIRA NETWORKS	34	NOT INVOLVED		
20	TELUS CENTRAL				

**SURVEY NOTES:**  
 Note R. & M. denotes Record and Measured distances respectively.  
 Distances are marked in feet and decimal parts thereof. Compare all points BEFORE building by same and at once report any differences BEFORE damage is done.  
 For easements, building lines and other restrictions not shown on survey plat refer to your abstract, deed, contract, title policy and local building line regulations.  
 NO dimensions shall be assumed by scale measurement upon this plat.  
 Unless otherwise noted hereon the Bearing Basis, Elevation Datum and Coordinate Datum if used is ASSUMED.  
 COPYRIGHT CHICAGO GUARANTEE SURVEY COMPANY 2017 "All Rights Reserved"

BOARD OF UNDERGROUND ADDED MARCH 23, 2017

COVERED BY: COLLE & EDWARDS, LLC  
 CHICAGO GUARANTEE SURVEY COMPANY

PLAT NUMBER: 2017-23507-001  
 DATE: JANUARY 22, 2017  
 SHEET: 2 OF 2

## **Attachment B**

### **Photo Logs**

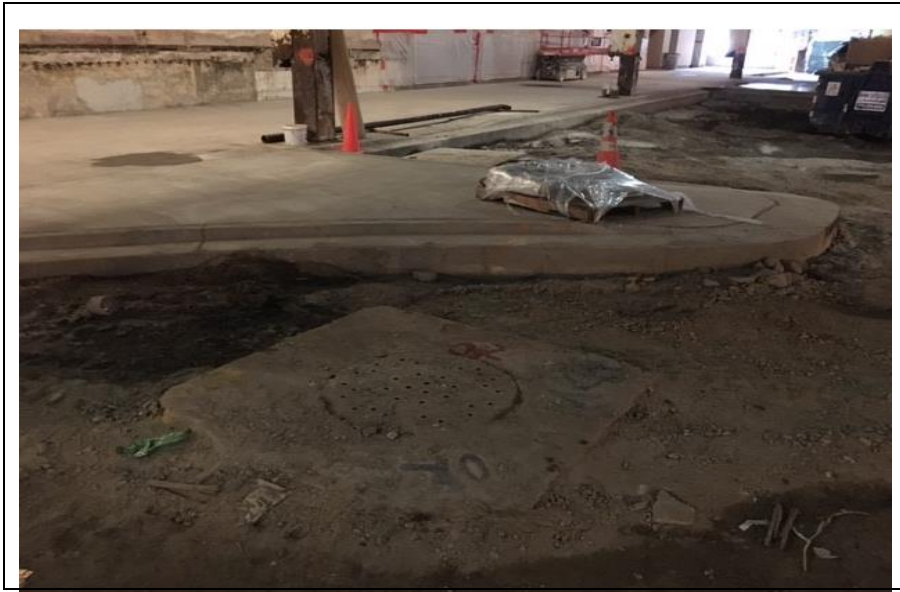


Photo 1: 1/14/2021 – Manhole Condition prior its epair



Photo 2: 1/14/2021 – Core Holes in extra concrete near manhole pad

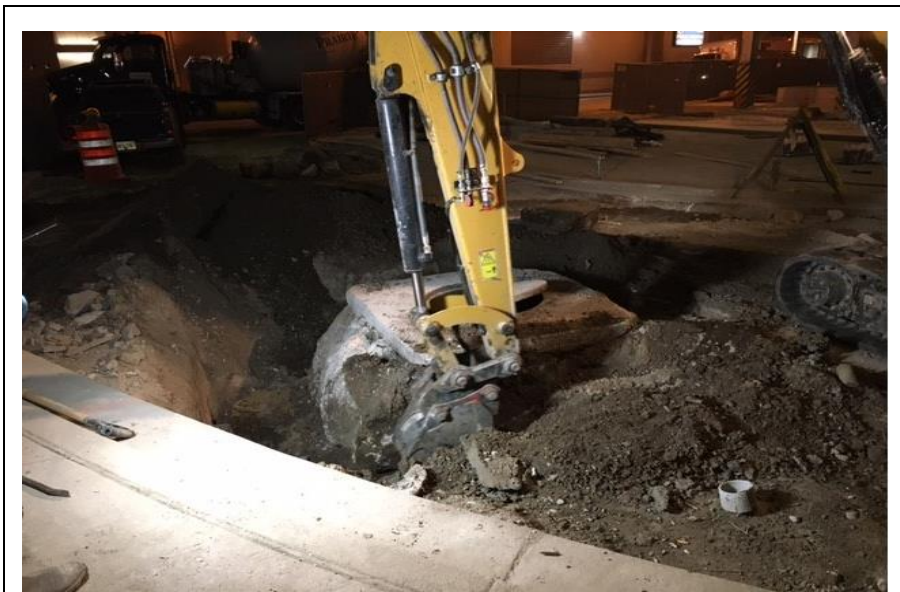


Photo 3: 1/14/2021 – broken concrete and soil being removed from near Manhole



Photo 4: 1/14/2021 – Manhole Pad ready to be backfilled