



ENVIRONMENTAL BUSINESS CONSULTANTS

July 17, 2018

Ms. Ruth Curley
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
625 Broadway, Albany, New York 12233

**Re: *Quarterly Inspection Report
Former Union Wire Die Corp.
39-40 30th Street, Queens, New York
NYSDEC BCP Number: C241163***

Dear Ms. Curley:

Please find the enclosed Quarterly Inspection Report for the above referenced project for the second quarter of 2018. In accordance with the Site Management Plan (SMP); data from four Soil Vapor Extraction (SVE) system monitoring ports, VE-1 through VE-4, Pre-Carbon, and Post-Carbon are included in this report.

If you have any questions or comments regarding the attached report, please do not hesitate to contact me.

Very truly yours,

Chawinie Reilly
Project Manager

Cc: M. Komoroske, NYSDEC
K. Lewandowski, NYSDEC
C. Sosik, EBC
A. Czemerinski, AMC



FORMER UNION WIRE DIE CORP.
NYSDEC BCP Number C241163
Project Status Report
2018

Reporting Summary

Report Date: July 17, 2018

Reporting Period: 2nd Quarter of 2018

Site Status: The building is currently in service and occupied.

Work Performed this Quarter: June 15, 2018 – Quarterly PID measurements of SVE wells, influent and after GSC units. Carbon drums were changed out.

Monitoring Program Summary

No. of Sampling Points: 4 SVE wells (VE-1 - VE-4), Pre-carbon, Post-carbon.

Gauging Frequency: Quarterly for PID measurements for SVE wells, Pre-carbon and Post-carbon.

Sampling Frequency: Quarterly for PID measurements for SVE wells (VE-1 - VE-4), Pre-carbon and Post-carbon.

Reporting Frequency: Quarterly Inspection Report (Quarterly).

Groundwater Depth: 20 feet below sidewalk grade

GW Flow Direction: South.

Monitoring Results: Not Applicable.

Sampling Results: Quarterly sampling occurred during this report. Based on PID readings system is running properly.

AIR SAMPLING

The most recent sampling event was performed on June 15, 2018. The SVE sampling ports, pre carbon and post carbon locations were field screened with a photo-ionization detector (PID), and an SVE pre carbon sample was collected with a 1 L tedlar bag using a peristaltic pump.

Routine System Inspection Forms are attached in **Appendix A**.

QUATERLY PID MEASUREMENTS

VE-1 – PID reading for this port was 1,980 ppb (1.98 ppm) with a vacuum of -13.38 iwc.

VE-2 – PID reading for this port was 1,897 ppb (1.89 ppm) with a vacuum of -13.46 iwc.

VE-3 – PID reading for this port was 1,622 ppb (1.62 ppm) with a vacuum of -13.27 iwc.

VE-4 – PID reading for this port was 1,519 ppb (1.51 ppm) with a vacuum of -13.83 iwc.

PRE-CARBON – PID reading for this port was 551 ppb (0.55 ppm).

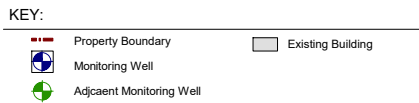
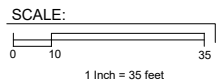
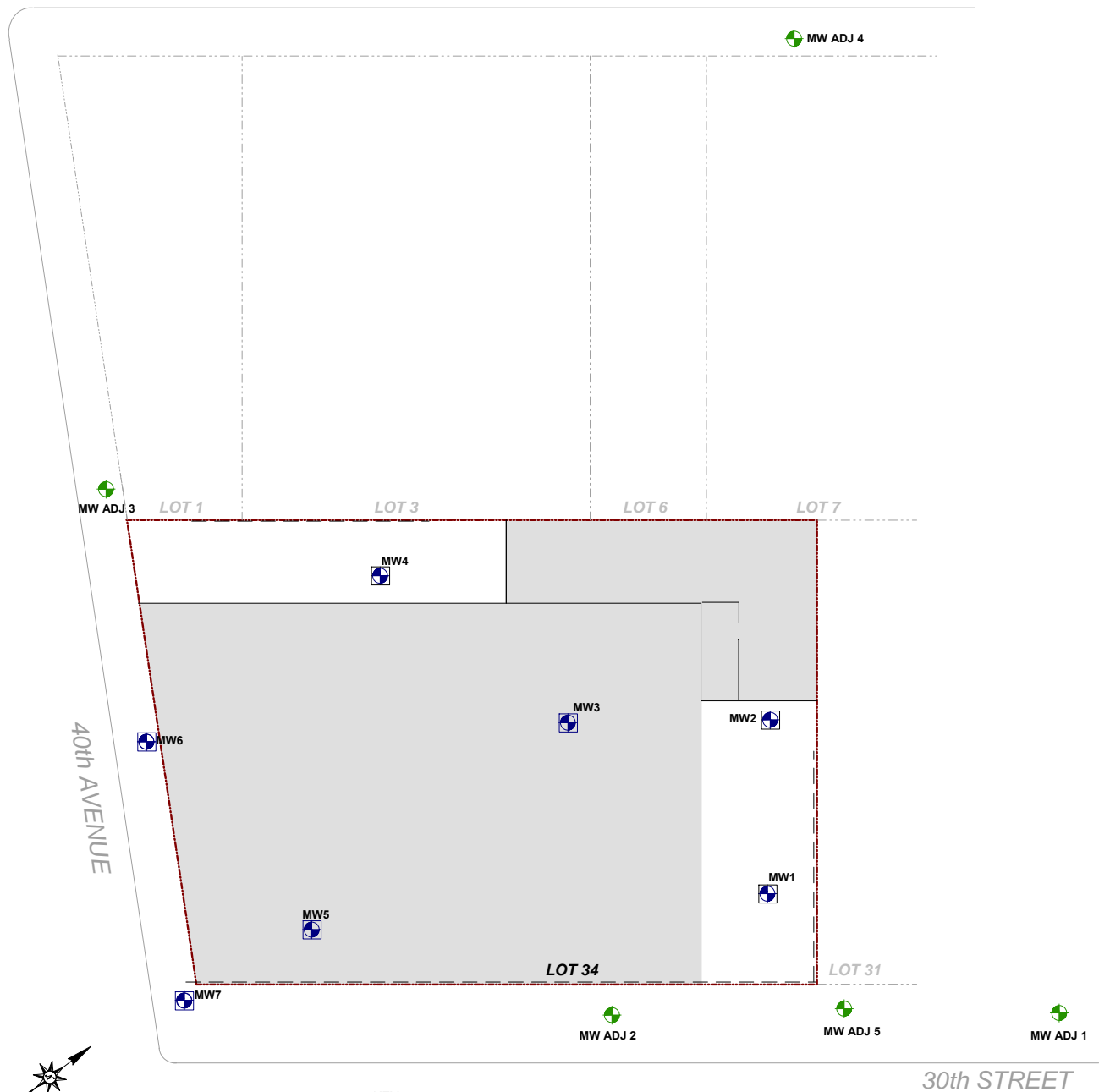
POST-CARBON –PID reading for this port was 393 ppb (0.39 ppm).

FUTURE PLANS / RECOMMENDATIONS

The SVE system is currently operating at optimal conditions; modifications are not required at this time. EBC noted that the breakthrough meter indicated that breakthrough for the drum has occurred. New carbon drums were installed on June 25, 2018 and the removal of old drums is being arranged. EBC recommends continued operation of the SVE system and continuing quarterly PID monitoring, annual groundwater sampling and annual air sampling (pre-carbon location, IA1, IA2, IA3, IA4, IA5, IA6 and OA1).

FIGURES

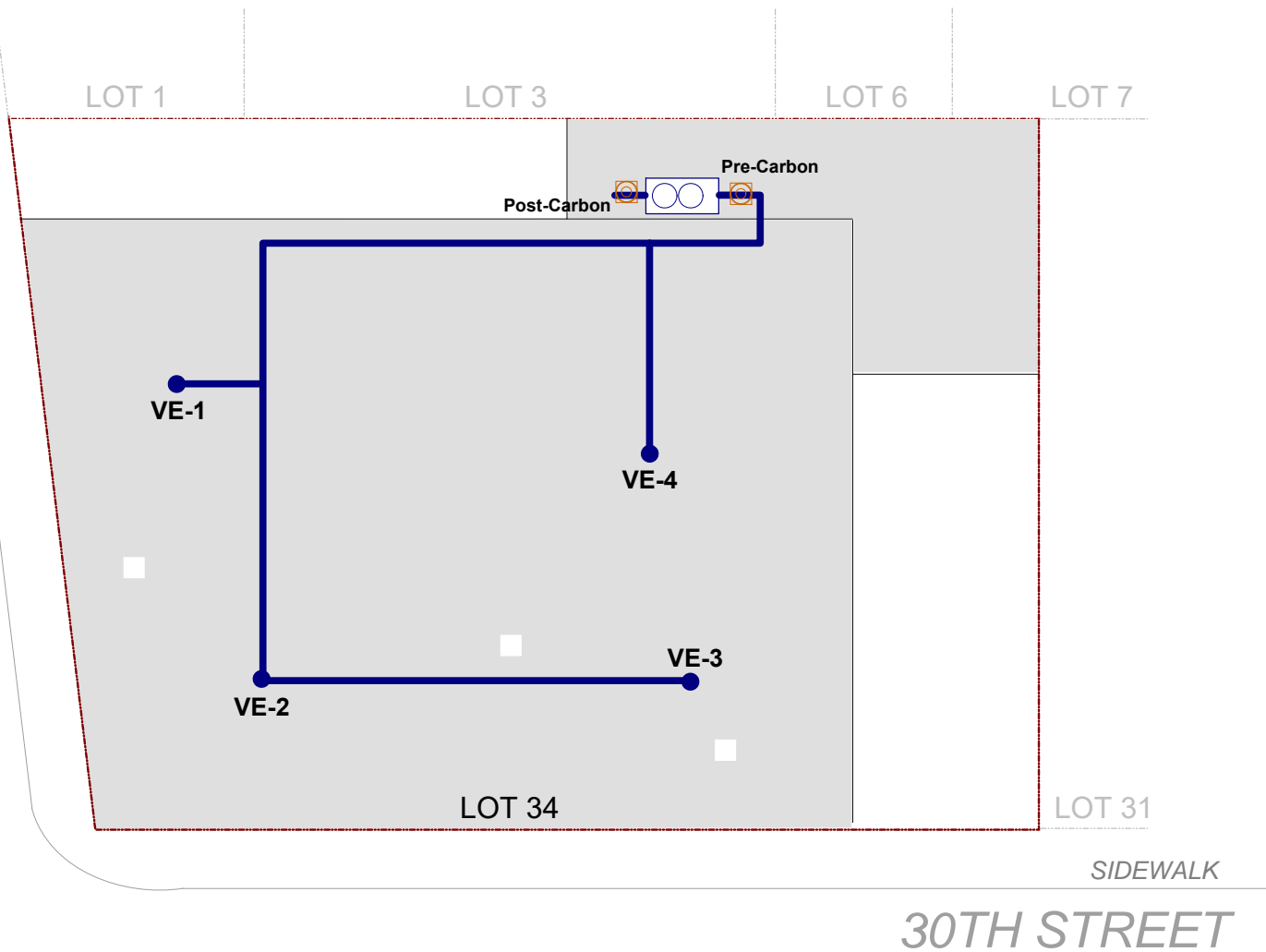




*Note - Existing and proposed building dimensions are approximated.



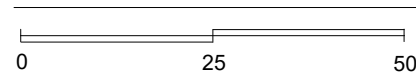
40TH STREET
SIDEWALK



KEY:

 Property Boundary

SCALE:



Scale: 1 inch = 25 feet



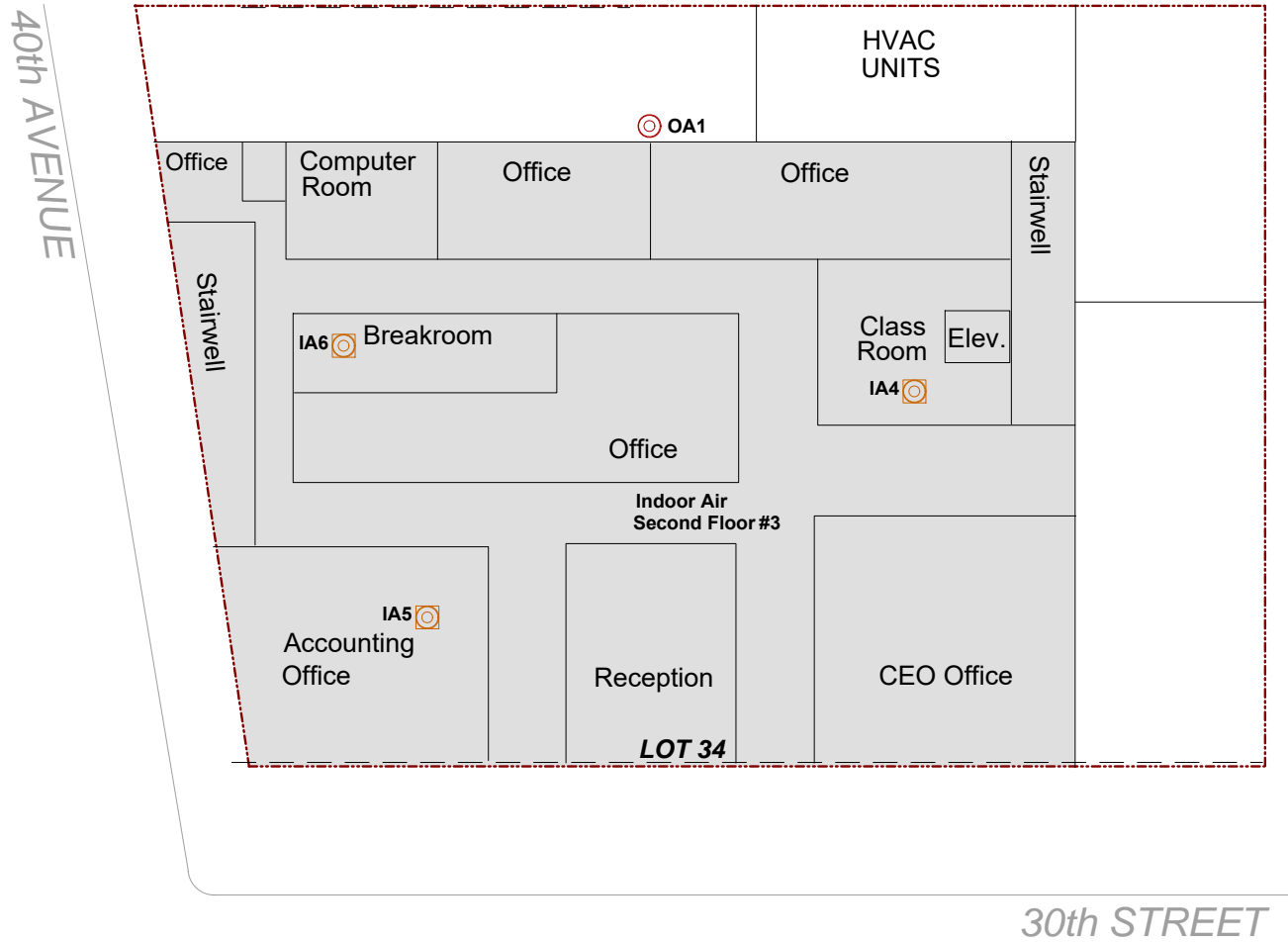
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

Figure
3

Site Name:	REDEVELOPMENT PROJECT
Site Address:	39-40 30TH STREET, QUEENS, NY
Drawing Title:	SVE SYSTEM SAMPLING LOCATIONS

Second Floor

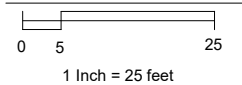


KEY:

- Property Boundary
- Existing Building
- IAx** Indoor Air Sampling Location
- OAx** Outdoor Air Sampling Location

*Note - Existing building dimensions are approximated.

SCALE:

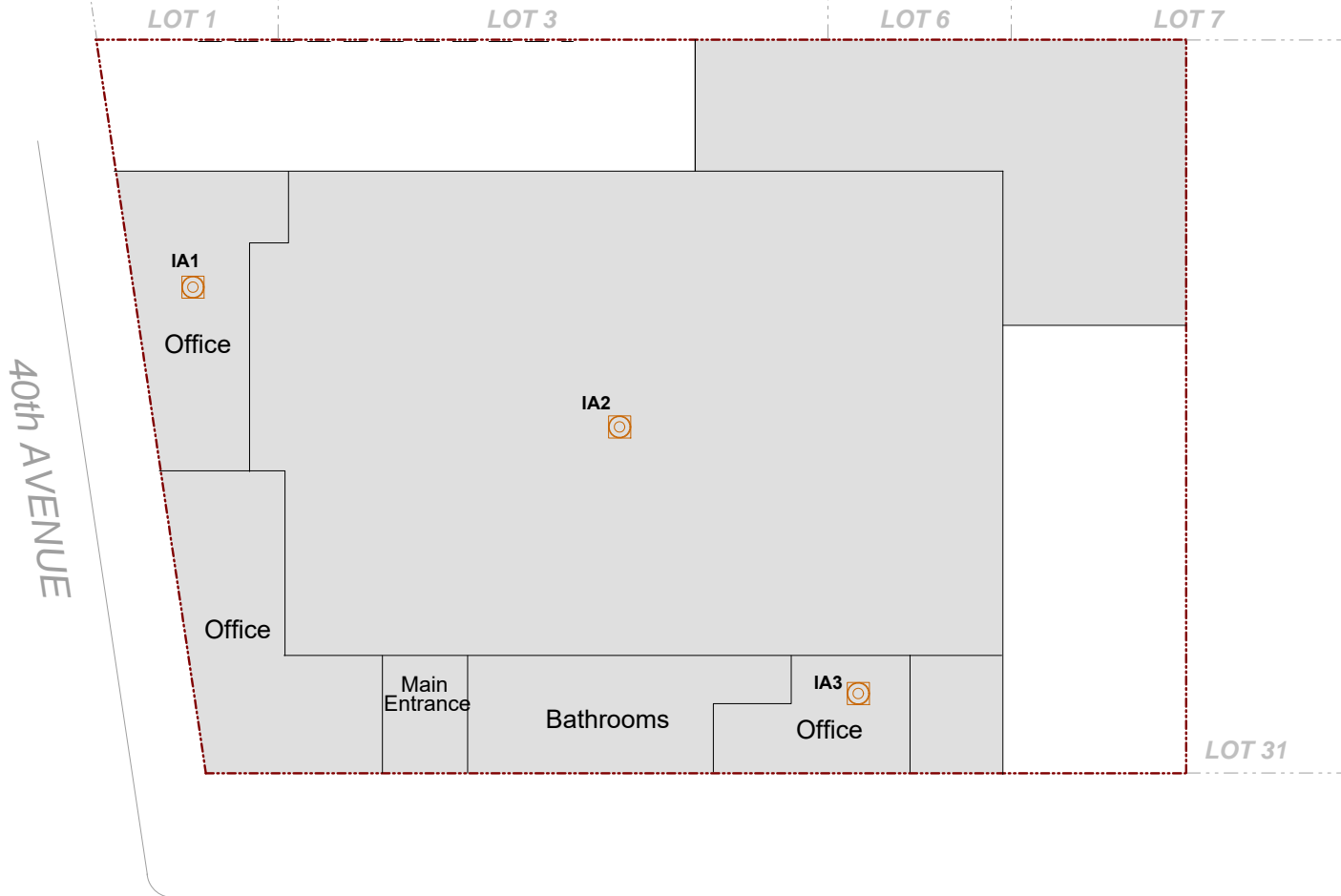
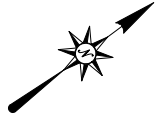


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1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

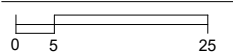
Phone 631.504.6000
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FORMER UNION WIRE DIE SITE
39-40 30TH STREET, LONG ISLAND CITY, NY

FIGURE 2B SECOND FLOOR AIR SAMPLING INDOOR/OUTDOOR LOCATIONS



SCALE:



1 Inch = 25 feet

*Note - Existing and proposed building dimensions are approximated.

KEY:

- Property Boundary
- Indoor Air Sampling Location

30th STREET



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FORMER UNION WIRE DIE SITE
39-40 30TH STREET, LONG ISLAND CITY, NY

FIGURE 2A

1ST FLOOR
INDOOR AIR SAMPLING LOCATIONS

APPENDIX A

Routine System Inspection Form



Former Union Wire Dye Corp
SOIL VAPOR EXTRACTION SYSTEM INSPECTION FORM

Date: 6/15/18

Time: 12:13 pm

Weather: Partly Cloudy 73°

Inspector: Rmy Gullisher

Extraction Point	Vacuum (inwc)	PID Reading(ppb)
VE-1	-13.38	1980
VE-2	-13.46	667 1897
VE-3	-13.27	1622
VE-4	-15.39	1519
Blower inlet	-30	

Inspection:	Yes / No	Comments
Blower Operating?	Yes	
Spare Carbon Drums?	No	
System Integrity?	Yes	System was in good shape

WEEKLY CARBON MONITORING

Carbon filter installation date: _____

<u>Date/Time</u>	<u>Location</u>	<u>PID reading</u>	<u>PID units(ppm or ppb)</u>
6/15/18 12:13 pm	Pre-Carbon	551	ppb
6/15/18 12:15 pm	Post -Carbon	393	ppb

Comments/Actions taken: