



March 26, 2019

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 first quarter of 2019. 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,

Chawin 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
Quarter 1 2019

Reporting Summary

Report Date: March 26, 2019

Reporting Period: 1st Quarter of 2019

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

Work Performed this Quarter:

March 7, 2019 – Quarterly PID measurements of SVE wells, influent and after GSC units. Discovered carbon filter drums were spent.

March 8, 2019 – Replaced carbon filter drums. Performed a second round of Quarterly PID measurements of SVE wells, influent and after GSC units.

Monitoring Program Summary

No. of Sampling Points: 4 SVE wells (VE-1 - VE-3), 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 with laboratory analysis did not occur during this report. Based on PID readings system is running properly.

AIR SAMPLING

The most recent sampling event was performed on March 7, 2019 and March 8, 2019. 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**.

QUARTERLY PID MEASUREMENTS (March 7, 2019)

VE-1 – PID reading for this port was 1,037 ppb (1.03 ppm) with a vacuum of -15 iwc.

VE-2 – PID reading for this port was 820 ppb (0.82 ppm) with a vacuum of -16 iwc.

VE-3 – PID reading for this port was 830 ppb (0.83 ppm) with a vacuum of -15 iwc.

VE-4 – PID reading for this port was 1,105 ppb (1.10 ppm) with a vacuum of -20 iwc.

PRE-CARBON – PID reading for this port was 630 ppb (0.63 ppm).

POST-CARBON –PID reading for this port was 690 ppb (0.69 ppm).

QUARTERLY PID MEASUREMENTS (March 8, 2019)

VE-1 – PID reading for this port was 564 ppb (0.56 ppm) with a vacuum of -15 iwc.

VE-2 – PID reading for this port was 644 ppb (0.64 ppm) with a vacuum of -16 iwc.

VE-3 – PID reading for this port was 945 ppb (0.95 ppm) with a vacuum of -15 iwc.

VE-4 – PID reading for this port was 594 ppb (0.59 ppm) with a vacuum of -20 iwc.

PRE-CARBON – PID reading for this port was 380 ppb (0.38 ppm).

POST-CARBON –PID reading for this port was 25 ppb (0.03 ppm).

FUTURE PLANS / RECOMMENDATIONS

The SVE system is currently operating at optimal conditions; modifications are not required at this time. Based on the readings collected on March 7, 2019; the carbon drums were changed out in March 8, 2019. EBC recommends that two new carbon drums be delivered to the Site in. EBC also 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).



ENVIRONMENTAL BUSINESS CONSULTANTS

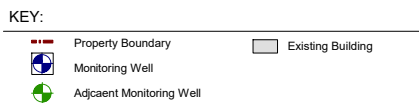
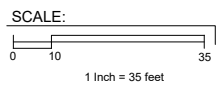
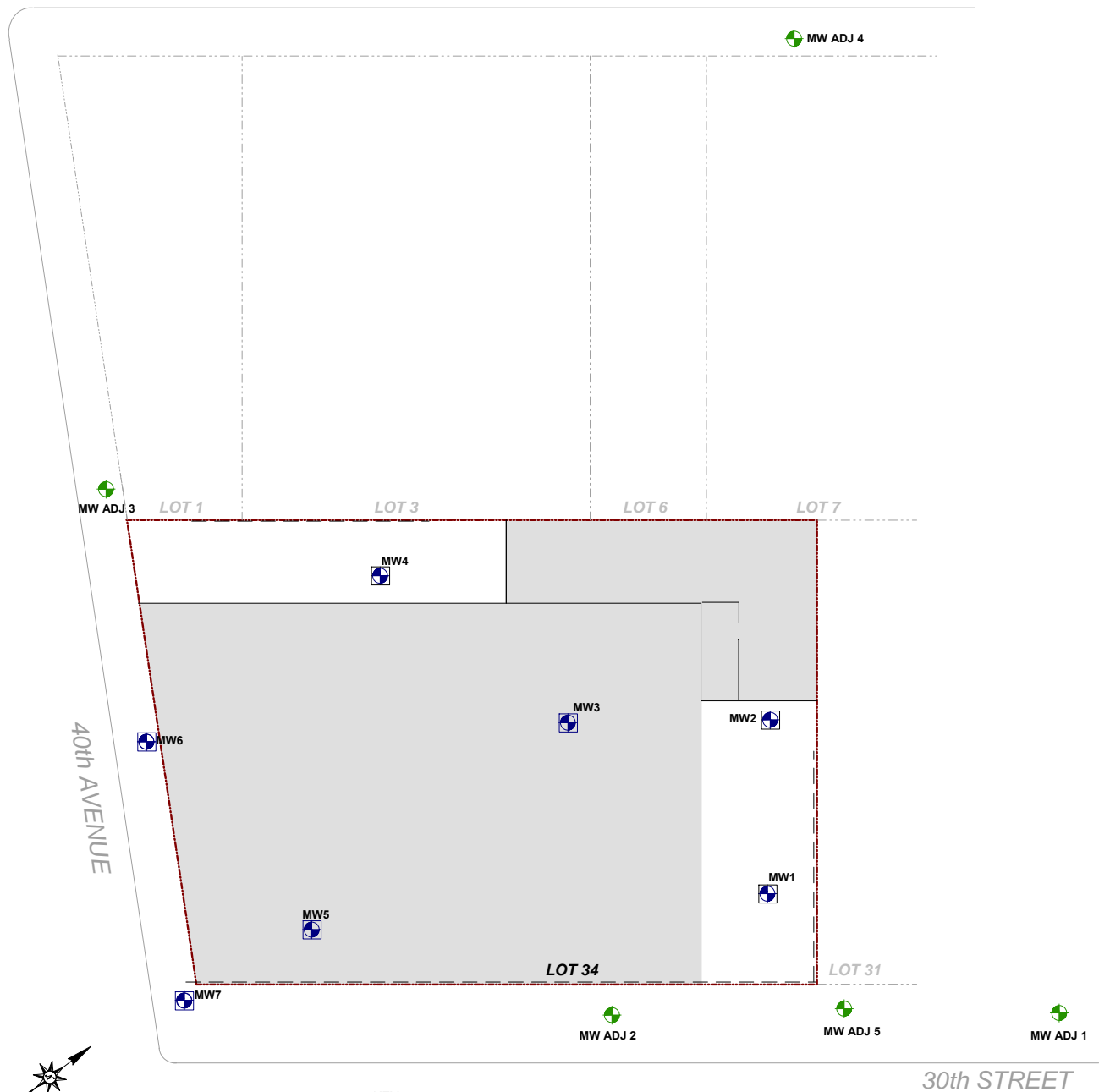
FIGURES



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**1808 Middle Country Road
Ridge, NY 11961**

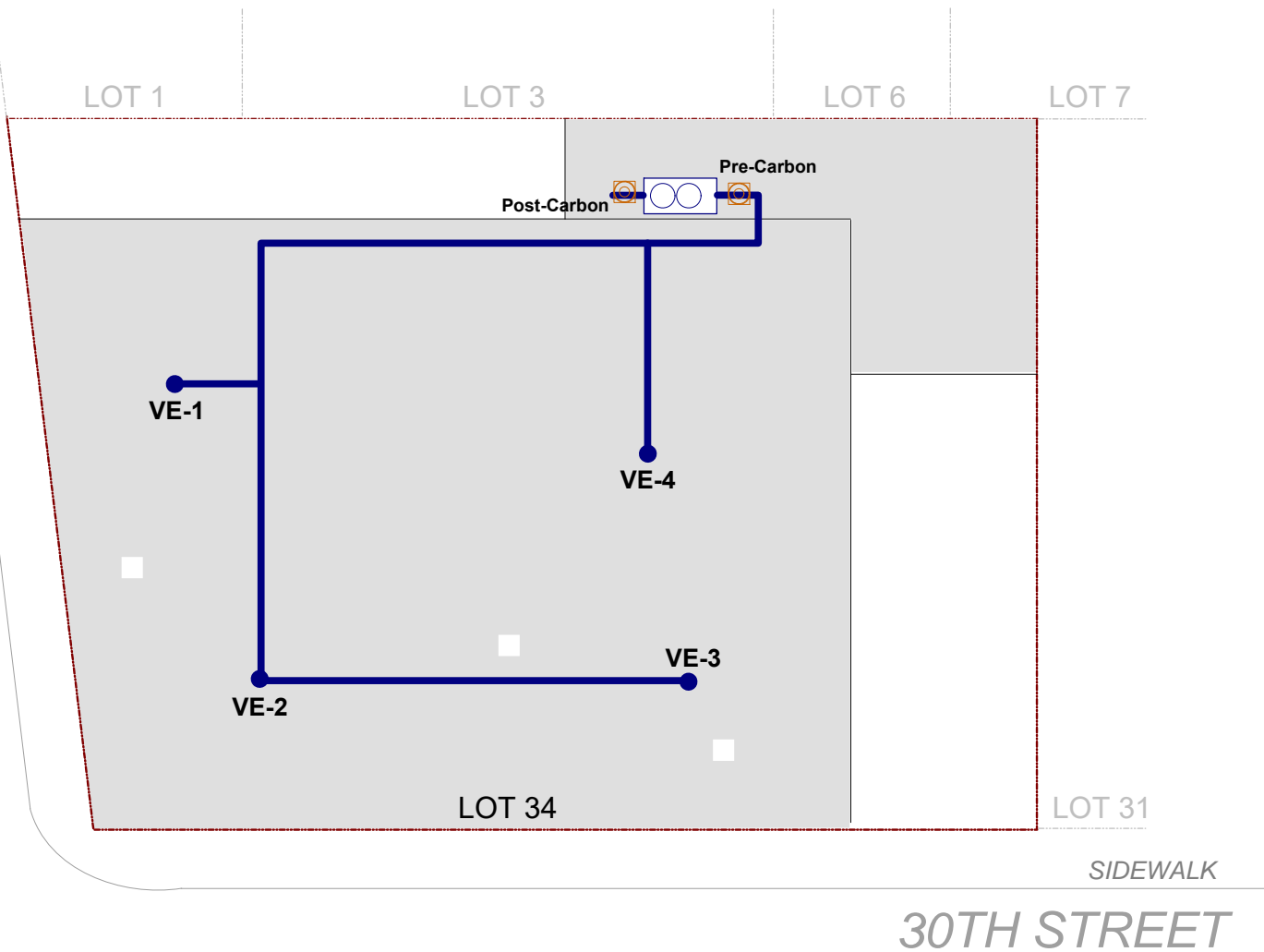
**Phone 631.504.6000
Fax 631.924.2870**



*Note - Existing and proposed building dimensions are approximated.



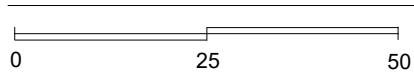
40TH STREET
SIDEWALK



KEY:

 Property Boundary

SCALE:



Scale: 1 inch = 25 feet



ENVIRONMENTAL BUSINESS CONSULTANTS

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Figure
3

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



ENVIRONMENTAL BUSINESS CONSULTANTS

APPENDIX A



ENVIRONMENTAL BUSINESS CONSULTANTS

**1808 Middle Country Road
Ridge, NY 11961**

**Phone 631.504.6000
Fax 631.924.2870**

Former Union Wire Dye Corp
SOIL VAPOR EXTRACTION
SYSTEM INSPECTION FORM

Inspector: Tony Balado

Date: March 7, 2019

'Last Carbon Filter Installation Date: June 25, 2017

Time: 10:00 AM

Extraction Point	Operation Range (iwc)	Vacuum (iwc)	PID Reading(ppb)
VE-1	Typically -20 to 14	-15	1,037
VE-2	Typically -20 to 14	-16	820
VE-3	Typically -20 to 14	-15	830
VE-4	Typically -20 to 14	-20	1,105
Blower inlet	Typically -20 to 14	-30	-
Before Carbon	N/A	N/A	630
After Carbon	N/A	N/A	690

Inspection:	Yes / No	Comments
<i>Blower Operating?</i>	Yes	
Spare Carbon Drums?		
<i>On-Site and Labelled New?</i>	Yes	
System Integrity?		
All PVC Piping Intact?	Yes	
Unusual Noises? (I.e. hissing)	No	
Gauges Intact and Operating?	Yes	

Former Union Wire Dye Corp
SOIL VAPOR EXTRACTION
SYSTEM INSPECTION FORM

Inspector: Tony Balado

Date: March 8, 2019

'Last Carbon Filter Installation Date: March 8, 2019

Time: 12:00 PM

Extraction Point	Operation Range (iwc)	Vacuum (iwc)	PID Reading(ppb)
VE-1	Typically -20 to 14	-15	564
VE-2	Typically -20 to 14	-16	644
VE-3	Typically -20 to 14	-15	945
VE-4	Typically -20 to 14	-20	594
Blower inlet	Typically -20 to 14	-30	-
Before Carbon	N/A	N/A	380
After Carbon	N/A	N/A	25

Inspection:	Yes / No	Comments
<i>Blower Operating?</i>	Yes	
Spare Carbon Drums?		
<i>On-Site and Labelled New?</i>	No	Spare drums were used today to replace spent drums.
System Integrity?		
All PVC Piping Intact?	Yes	
Unusual Noises? (I.e. hissing)	No	
Gauges Intact and Operating?	Yes	