



**ENVIRONMENTAL BUSINESS CONSULTANTS**

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October 4, 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 third 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,

A handwritten signature in black ink that reads 'Chawinie Reilly'.

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**  
**Quarter 3 2018**

**Reporting Summary**

**Report Date:** October 4, 2018

**Reporting Period:** 3rd Quarter of 2018

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

**Work Performed this Quarter:** September 19, 2018 and October 3, 2018 – 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 September 19, 2018 and October 3, 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 1,041 ppb (1.04 ppm) with a vacuum of -20.77 iwc.

VE-2 – PID reading for this port was 790 ppb (.790 ppm) with a vacuum of -20.78 iwc.

VE-3 – PID reading for this port was 1,003 ppb (1.00 ppm) with a vacuum of -20.75 iwc.

VE-4 – PID reading for this port was 5,615 ppb (5.62 ppm) with a vacuum of -16.75 iwc.

PRE-CARBON – PID reading for this port was 201 ppb (0.20 ppm).

POST-CARBON –PID reading for this port was 126 ppb (0.13 ppm).

## **FUTURE PLANS / RECOMMENDATIONS**

The SVE system is currently operating at optimal conditions; modifications are not required at this time.

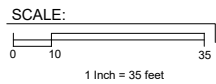
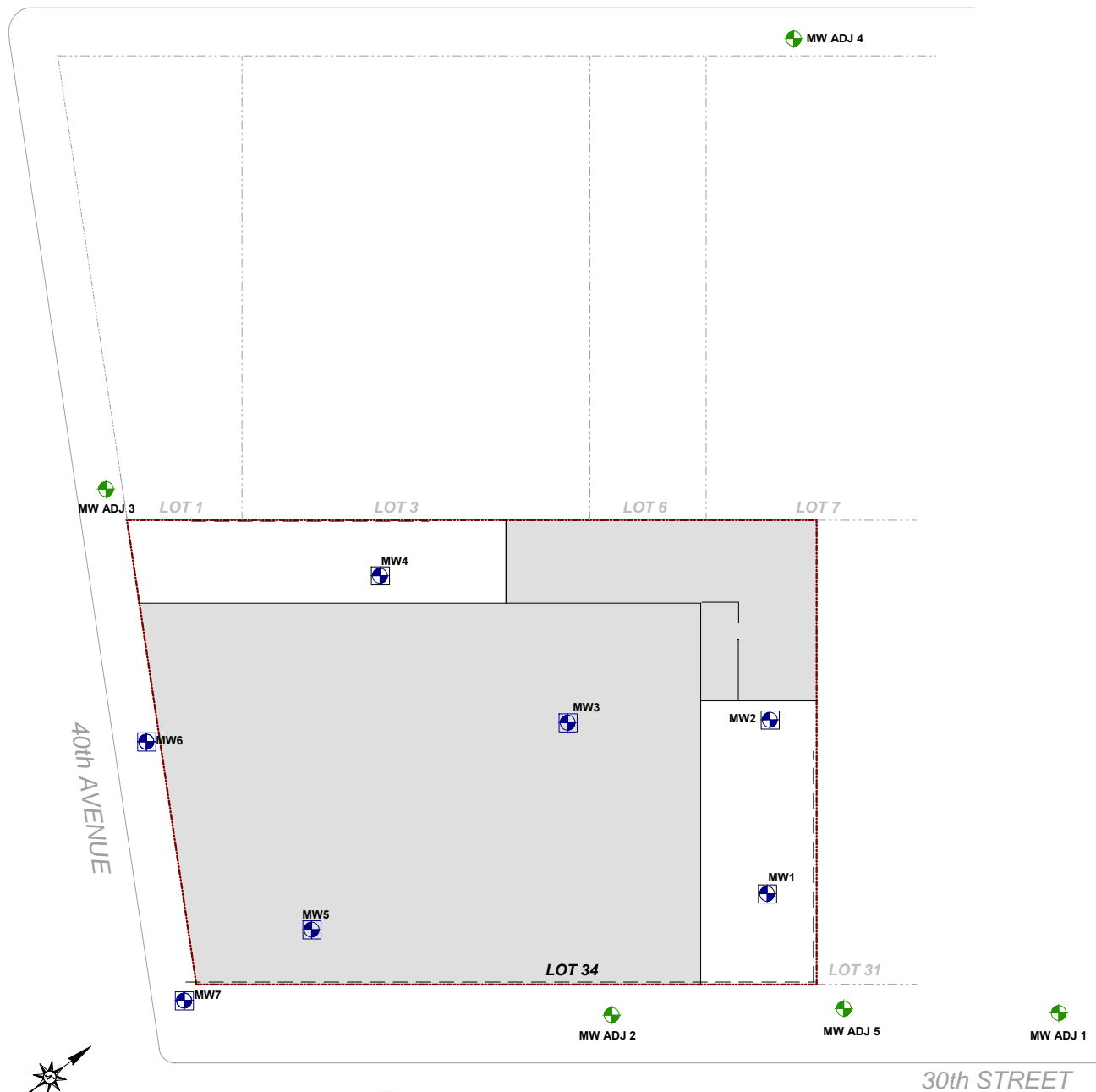
Carbon drums were changed out in June 2018 and two new drums were delivered to the site and labeled new.

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*





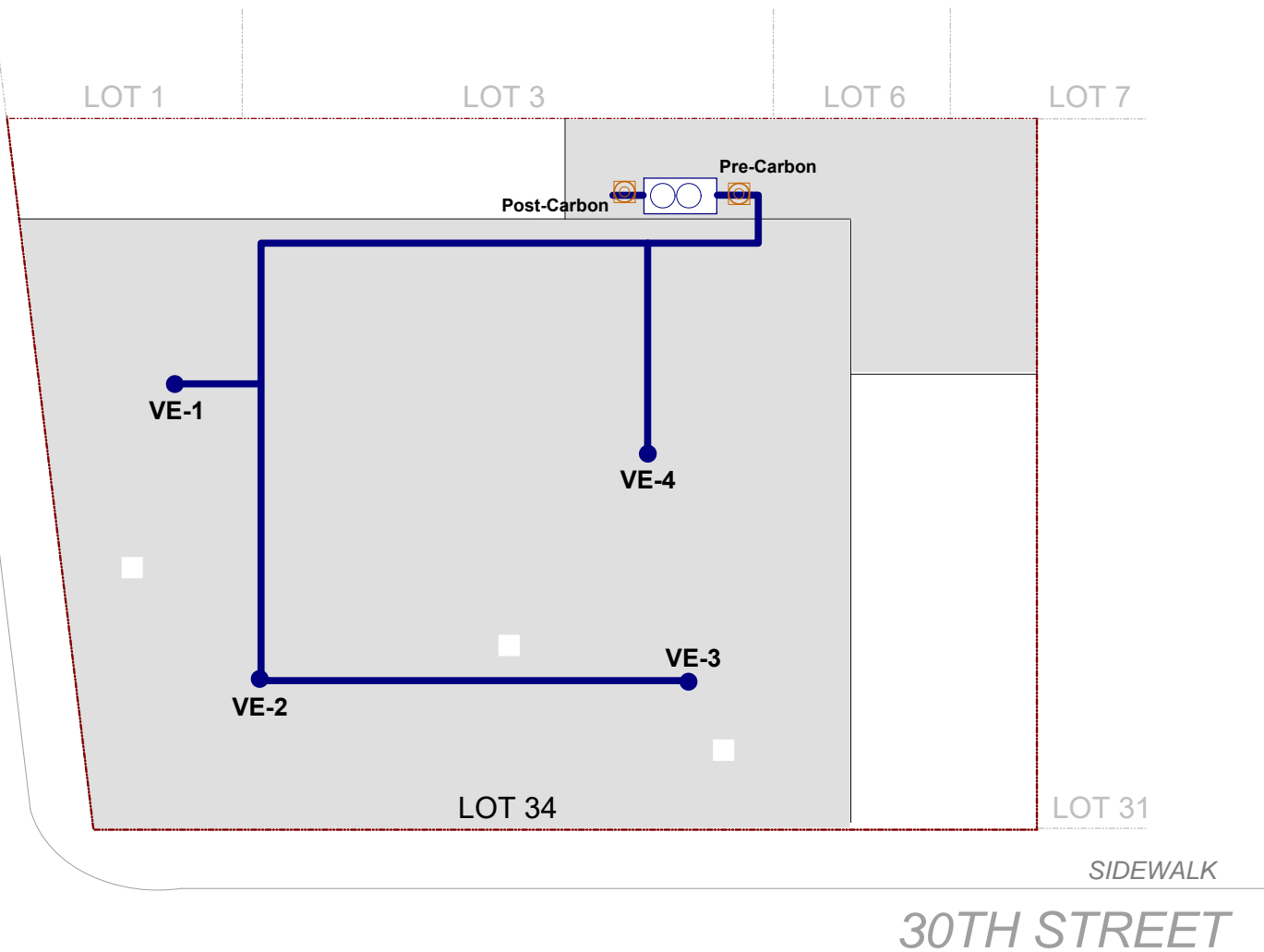
KEY:

	Property Boundary		Existing Building
	Monitoring Well		Adjacent Monitoring Well

\*Note - Existing and proposed building dimensions are approximated.



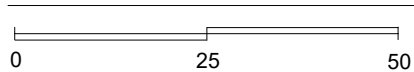
40TH STREET  
SIDEWALK



KEY:

Property Boundary

SCALE:



Scale: 1 inch = 25 feet



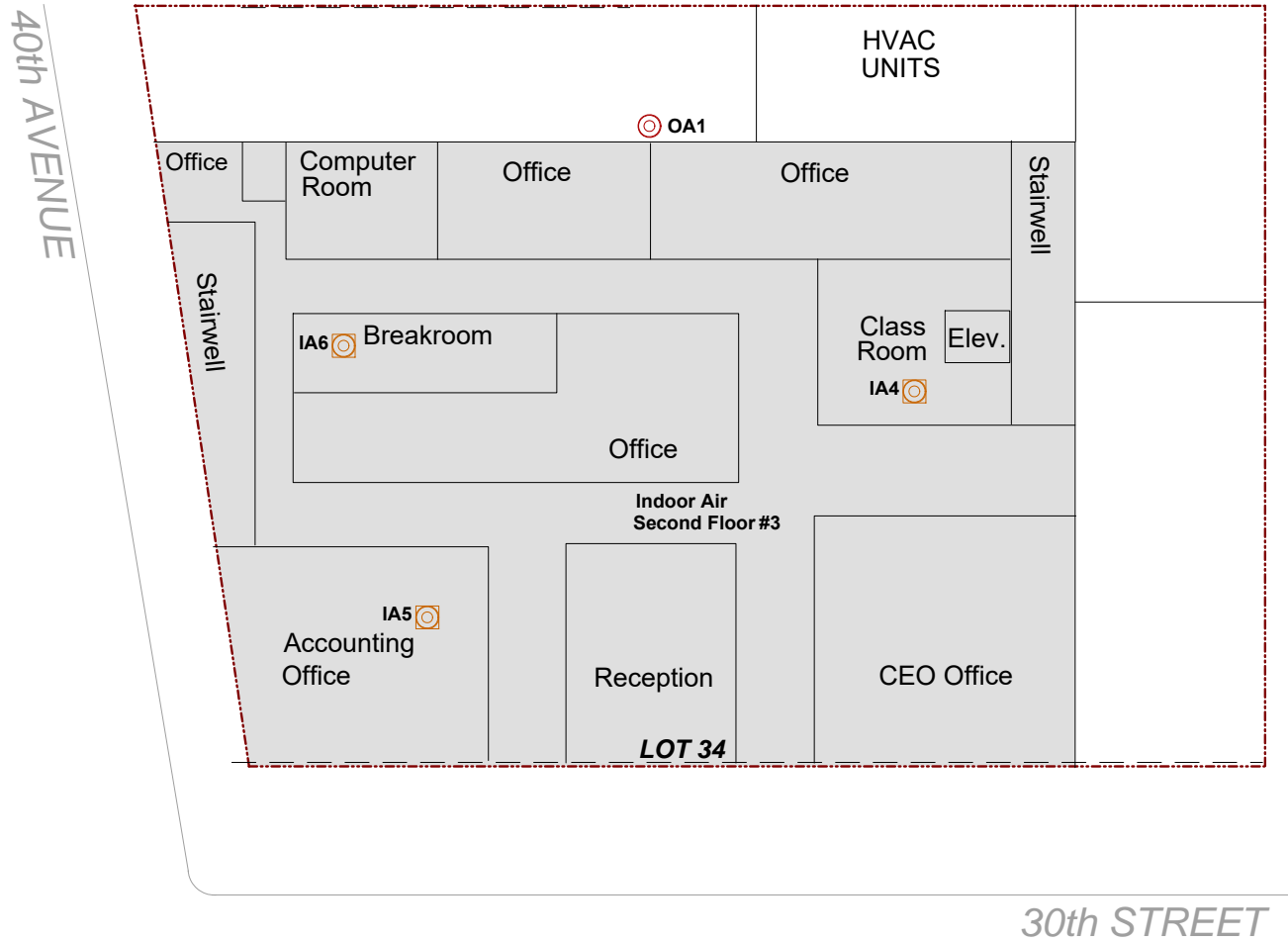
ENVIRONMENTAL BUSINESS CONSULTANTS

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

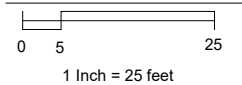


**KEY:**

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

\*Note - Existing building dimensions are approximated.

**SCALE:**



**EBC**

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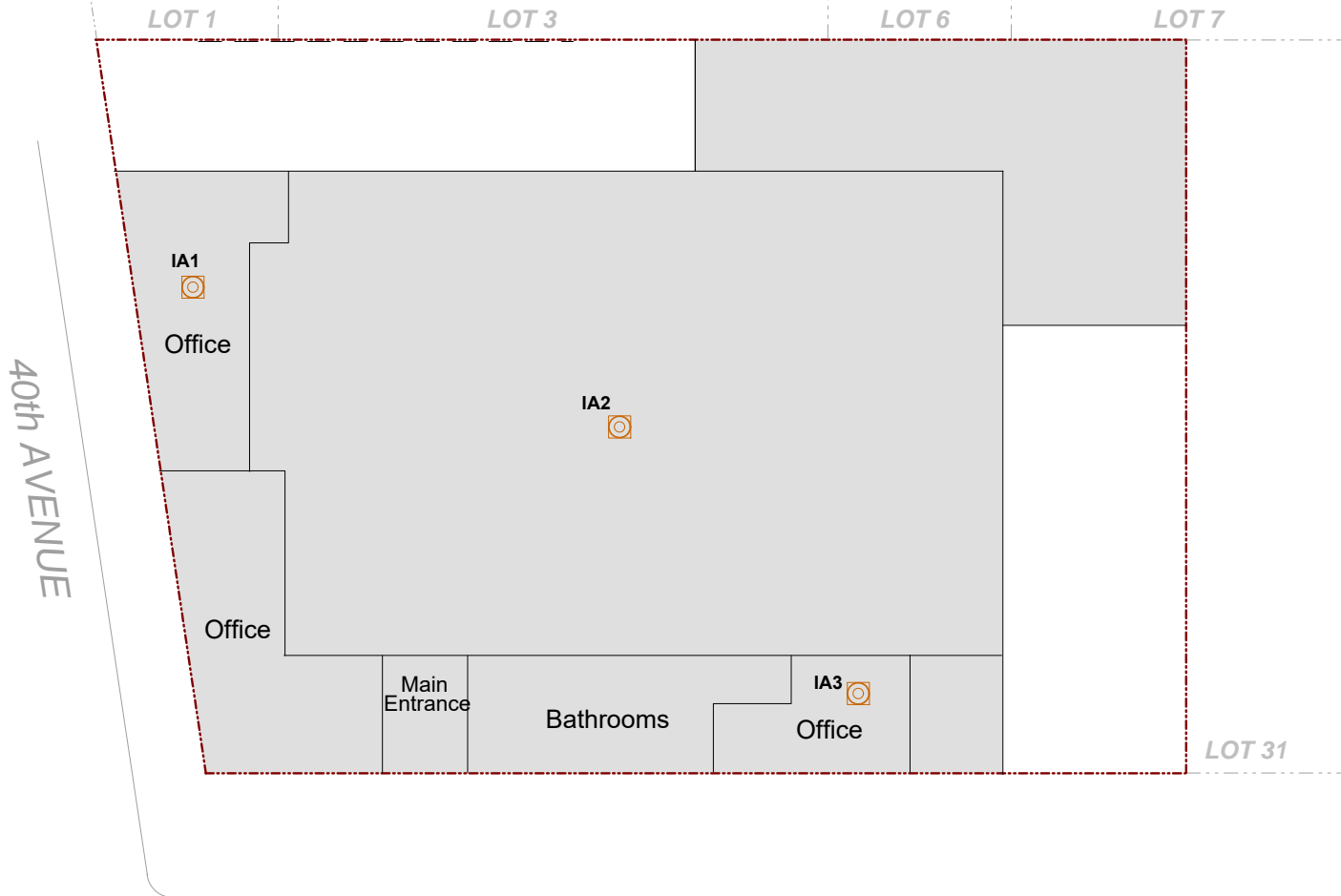
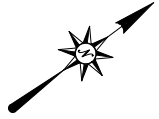
1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

Phone 631.504.6000

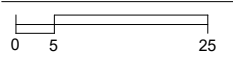
Fax 631.924.2780

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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1808 MIDDLE COUNTRY ROAD, RIDGE, NY 11961

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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**

Inspector: Tony Balado  
 Last Carbon Filter Installation Date: June 2018

Date: October 3, 2018  
 Time: 9:00 AM

Extraction Point	Operation Range (iwc)	Vacuum (iwc)	PID Reading(ppb)
<b>VE-1</b>	Typically -20 to 14	-20.71	1,041
<b>VE-2</b>	Typically -20 to 14	-20.78	790
<b>VE-3</b>	Typically -20 to 14	-20.75	1,003
<b>VE-4</b>	Typically -20 to 14	-16.75	5,615
<b>Blower inlet</b>	Typically -20 to 14	-25	-
<b>Before Carbon</b>	N/A	N/A	201
<b>After Carbon</b>	N/A	N/A	126

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