



January 4, 2021

Ms. Jennifer Borski
Wisconsin Department of Natural Resources
625 East County Road Y, STE 700
Oshkosh, Wisconsin 54901-9731

**Subject: Vapor Intrusion Investigation Report
905 S. Commercial St., Neenah, Wisconsin
BRRTS# 02-71-110797**

Dear Ms. Borski:

EnviroForensics, LLC (EnviroForensics) is pleased to provide this *Vapor Intrusion Investigation Report* for 905 South Commercial Street in Neenah, Wisconsin, which is currently occupied by Cranky Pat's restaurant. The investigation was performed to evaluate potential vapor intrusion (VI) impacts caused by dry cleaning solvent release(s) from the former Donaldson's Cleaners located at 110 W. Cecil Street in Neenah, Wisconsin. The location of the Former Donaldson's Cleaners with respect to surrounding properties is shown on **Figure 1**.

EnviroForensics completed VI investigation activities as described in the proposal dated August 21, 2020. The investigation procedures and a summary of the analytical results are presented below.

INVESTIGATION ACTIVITIES

Vapor intrusion investigation activities at Cranky Pat's were conducted November 10-11, 2020. Activities consisted of indoor/outdoor air sampling followed by sub-slab vapor sampling port installation and sampling of soil vapor from beneath the slab-on-grade portion of the building, from below the partial basement slab, and through the west wall of the basement. All samples collected were submitted to ALS Environmental laboratory under appropriate chain-of-custody procedures, for analysis of the following compounds by US EPA Method TO-15: tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride.

Indoor/Outdoor Air Sampling

Three (3) indoor air samples were collected, including one (1) from the basement and two (2) from first floor bar and dining areas, respectively. A sample of outdoor air was collected from a location near the northwest corner of the building to evaluate background conditions. Air samples were collected from the breathing zone (3-5 feet above the floor) using 6-liter vacuum

Document: 200011-0085

canisters, regulated to withdraw a time-integrated sample over an 8-hour period. The air samples were given the following designations:

- Outdoor: 200011-905-OA
- Basement: 200011-905-IA-B
- First floor bar area: 200011-905-IA-1A
- First floor dining area: 200011-905-IA-1B

Approximate air sampling locations are shown on **Figure 2**. Data from the nearest fixed weather station, including temperature, wind speed, wind direction, humidity, barometric pressure, and rainfall were accessed and recorded on the field sampling form presented in **Attachment 1**.

Sub-Slab Vapor Sampling

Quality assurance and quality control (QA/QC) testing and vapor sample collection were conducted in accordance with EnviroForensics procedures as described below.

Sub-Slab Vapor Port Installation

Vapor Pin[®] sampling ports were installed in the basement floor, and in the west wall of the basement, 48 inches below the ceiling. An existing Vapor Pin[®] sampling port was utilized for sample collection beneath the slab-on-grade portion of the building. The approximate vapor sampling port locations are depicted on **Figure 2**.

A permanent, recessed sampling port was installed in the basement floor. A 1 ½-inch diameter hole was drilled approximately 1 ¾-inch deep into the concrete slab using an electric hammer-drill, and a guide was then used to drill a 5/8-inch diameter hole through the center of the previously drilled hole and advanced completely through the concrete slab. The sampling port, constructed with a silicon sleeve to provide a mechanical seal between the sample port and the slab, was installed in the 5/8-inch diameter hole using a dead blow hammer. A stainless steel flush-mount cover was placed over the basement floor sampling port.

The wall sample port was installed by drilling a 5/8-inch diameter hole completely through the poured concrete wall and hammering in the Vapor Pin[®]. The wall sampling port was not recessed to avoid possible damage to the wall from using the larger drill bit. The sampling ports were capped following installation.

Quality Control Methods

To ensure sub-slab vapor samples collected from the ports were representative of actual vapor conditions, leak testing of the sampling port seal and pressure testing of the sampling train was performed at each sample port prior to sampling. EnviroForensics performed water dam leak

testing, which consisted of pouring water directly into the 1 ½-inch flush mount depression, or into a PVC pipe extension for the wall sample, to immerse the seal between the vapor pin and the concrete. The water level was observed for at least one (1) minute to determine if a leak was present. The water level did not decrease at any of the sub-slab vapor port locations, indicating there were no leaks around the seals.

Pressure testing was performed to verify the integrity of the sampling train (i.e., all tubing and fittings). The fittings and the sample canister were connected with its valve closed, and a negative pressure of approximately 15 inches of mercury was induced on the sampling train using a hand pump and held for approximately 60 seconds while being visually monitored. No pressure drops were noted during the testing, indicating no leaks were present in the sampling trains prior to sampling activities. QA/QC results were recorded on sampling forms provided as **Attachment 1**.

Vapor Sample Collection

Sub-slab vapor samples were collected through disposable polyethylene tubing connected to the sampling port. A graduated syringe was used to purge ambient air from the tubing prior to initiating sample collection. Samples were then collected using 1-liter vacuum canisters fitted with laboratory-supplied regulators that allowed a flow rate of approximately 200 milliliters per minute. The vapor samples were given the following designations:

- First floor slab-on-grade (existing port under the bar): 200011-905-SSV-1
- Basement: 200011-905-SSV-B
- West wall of basement: 200011-905-SSV-W

Initial and final pressure readings were collected from each canister and recorded on the field sampling form provided in **Attachment 1**.

INVESTIGATION RESULTS

The analytical results of the air and vapor samples are summarized and compared to WDNR standards on **Table 1**. The laboratory analytical report is provided as **Attachment 2**. The contaminants of concern were not detected in the outdoor air sample or the indoor air samples collected from the first floor bar and dining areas. The basement indoor air sample contained PCE at a concentration just above the laboratory method detection limit.

The results of the sub-slab vapor samples are summarized as follows:

- The first floor and basement sub-slab vapor samples contained PCE and TCE at concentrations below their respective vapor risk screening levels (VRSLs) for small commercial buildings.

- The concentrations of PCE and TCE in the vapor sample collected through the west wall of the basement were 23,000 and 1,310 micrograms per cubic meter, respectively, which exceed the small commercial VRSLs. Cis-1,2-DCE and trans-1,2-DCE were also detected in the wall sample; VRSLs do not exist for these compounds.

We appreciate the opportunity to submit this report. If you have any questions, please feel free to contact the undersigned at 262-290-4001.

Sincerely,
EnviroForensics, LLC

A handwritten signature in blue ink, appearing to read "Brian Kappen".

Brian Kappen, PG
Project Manager

Attachments:

Table 1 – 905 S. Commercial Street Vapor Intrusion Sampling Results

Figure 1 – Site and Surrounding Area Layout

Figure 2 – 905 S. Commercial Street Vapor Intrusion Sampling Locations

Attachment 1 – Field Sampling Forms

Attachment 2 – Laboratory Analytical Report



CERTIFICATION

I, Brian Kappen, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

A handwritten signature in blue ink, appearing to read "Brian Kappen".

Project Manager

1/4/2021

Signature and title

Date

TABLE

Table 1
905 S. Commercial Street (Cranky Pat's) Vapor Intrusion Sampling Results
Former Donaldson's Cleaners
Neenah, Wisconsin

| Sample ID | Sample Location | Sample Type | Sample Date | Tetrachloroethene | Trichloroethene | cis 1,2-Dichloroethene | trans 1,2-Dichloroethene | Vinyl Chloride |
|---|-----------------|-------------|-------------|-------------------|-----------------|------------------------|--------------------------|----------------|
| Small Commercial Indoor Air Vapor Action Level | | | | 180 | 8.8 | NE | NE | 28 |
| Small Commercial Sub-Slab Vapor Risk Screening Level | | | | 6,000 | 290 | NE | NE | 930 |
| 200011-905-OA | Outdoor | OA | 11/10/2020 | <3.39 | <1.07 | <1.98 | <1.98 | <1.28 |
| 200011-905-IA-1A | Bar Area | IA | 11/10/2020 | <3.39 | <1.07 | <1.98 | <1.98 | <1.28 |
| 200011-905-IA-1B | Dining Area | IA | 11/10/2020 | <3.39 | <1.07 | <1.98 | <1.98 | <1.28 |
| 200011-905-IA-B | Basement | IA | 11/10/2020 | 5.36 | <1.07 | <1.98 | <1.98 | <1.28 |
| 200011-905-SSV-1 | First Floor | SSV | 11/11/2020 | 104 | 2.15 | <1.98 | <1.98 | <1.28 |
| 200011-905-SSV-B | Basement | SSV | 11/10/2020 | 1,930 | 69.2 | 19.2 | <1.98 | <1.28 |
| 200011-905-SSV-W | West Wall | SSV | 11/10/2020 | 23,000 | 1,310 | 846 | 32.5 | <1.28 |

Notes:

Concentrations reported in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

Bolded values are above laboratory method detection limits

Bolded and Blue Shaded values exceed the Vapor Risk Screening Level

IA = Indoor Air

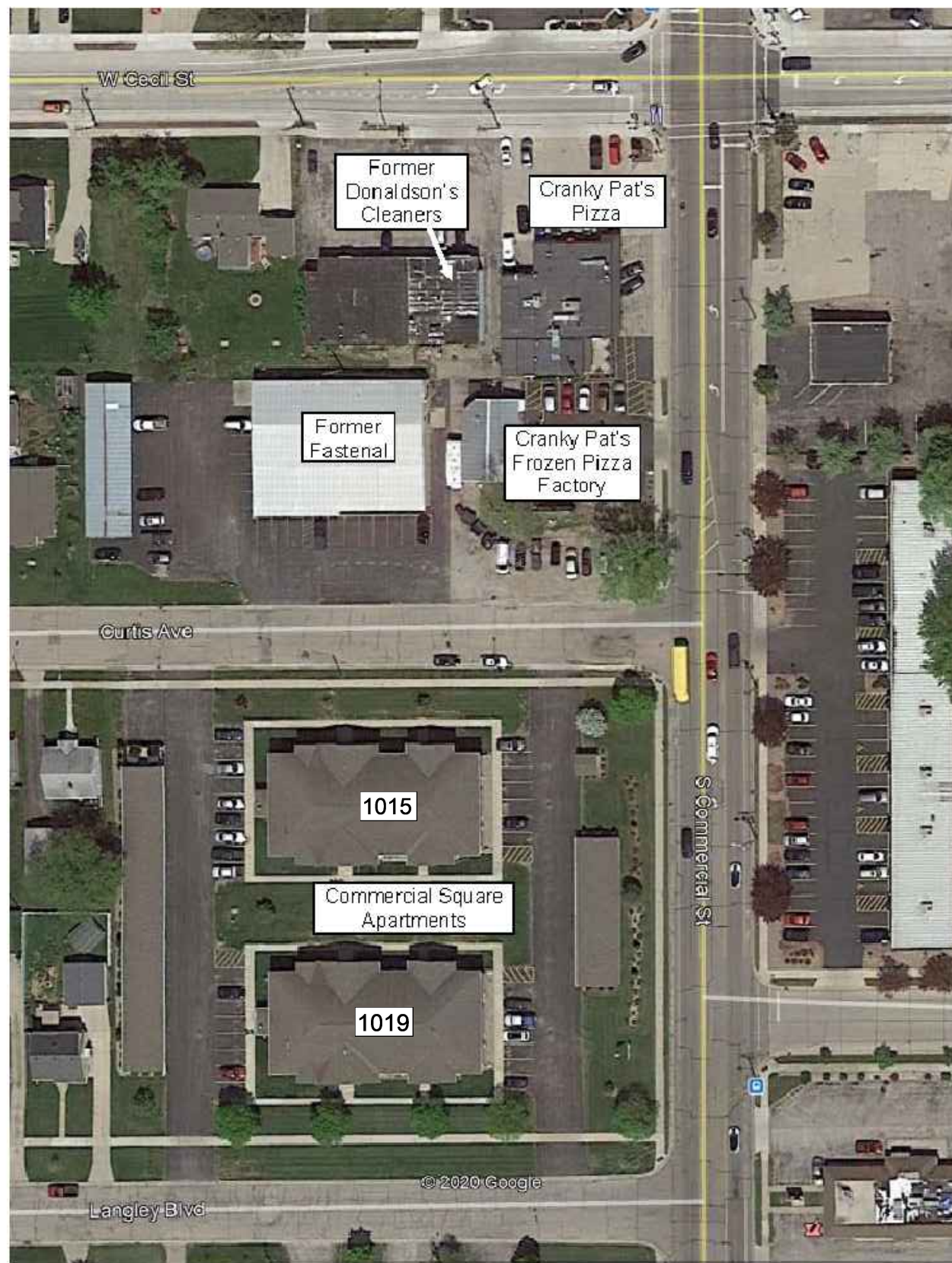
NE = Not Established

OA = Outdoor Air

SSV = Sub-Slab Vapor

FIGURES

Legend



NOT TO SCALE

SITE AND SURROUNDING AREA LAYOUT

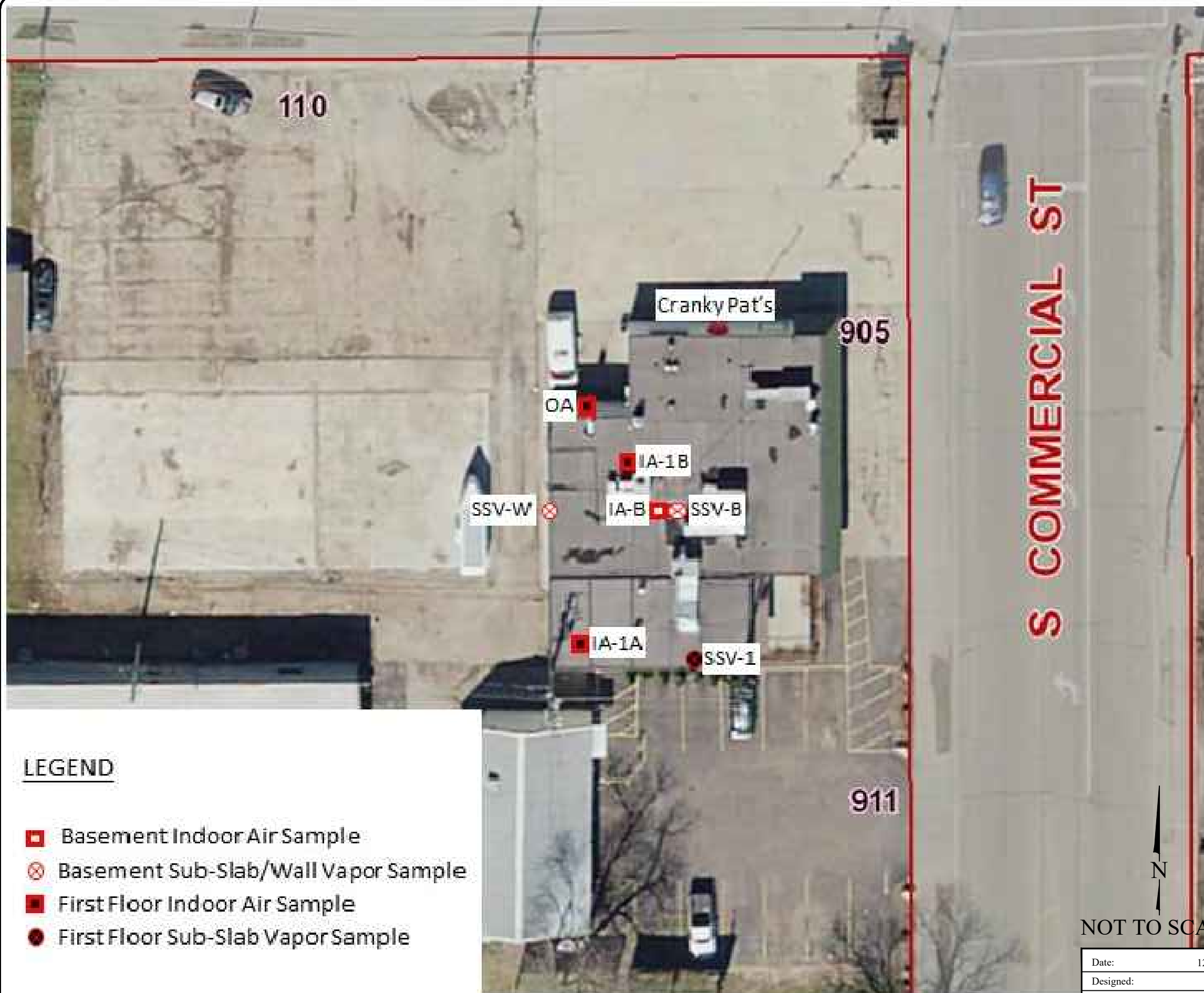
Former Donaldson's Cleaners

| | |
|-----------|-------------|
| Date: | 12/29/20 |
| Designed: | BK |
| Drawn: | BK |
| Checked: | BK |
| DWG file: | 200011-0096 |



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| | |
|---------|--------|
| Figure | 1 |
| Project | 200011 |



LEGEND

- Basement Indoor Air Sample
- ⊗ Basement Sub-Slab/Wall Vapor Sample
- First Floor Indoor Air Sample
- First Floor Sub-Slab Vapor Sample

905 SOUTH COMMERCIAL STREET VAPOR INTRUSION SAMPLING LOCATIONS
Former Donaldson's Cleaners

N
NOT TO SCALE

| | |
|-----------|-------------|
| Date: | 12/29/20 |
| Designed: | BK |
| Drawn: | BK |
| Checked: | BK |
| DWG file: | 200011-0097 |

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| | |
|---------|--------|
| Figure | 2 |
| Project | 200011 |



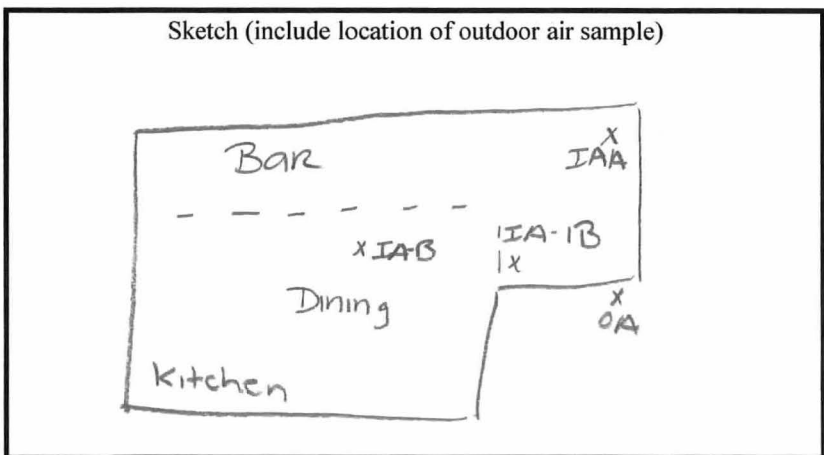
ATTACHMENT 1

Field Sampling Forms

Project Name: Former Donaldson's Cleaners
 Project Number: 200011
 Project Address: 110 W Cecil St, Neenah, WI
 Client/Contact: WDNR

Property Address: 905 S Commercial St
Cranky Pat's
 OA Sample Location: SW corner of Building
 Sampler(s): B Kappen / R Brown

| Sample ID | Canister ID | Flow Controller ID | Date Start | Time Start | Date End | Time End | Vacuum Reading | |
|------------------|-------------|--------------------|------------|------------|----------|----------|----------------|--------------|
| | | | mm/dd/yy | hh:mm | mm/dd/yy | hh:mm | Initial in. Hg | Final in. Hg |
| 200011-905-OA | 119830 | 119609 | 11-10-20 | 1025 | 11-10-20 | 1817 | -30 | -6 |
| 200011-905-IA-1A | 109497 | 109468 | 11-10-20 | 1010 | 11-10-20 | 1811 | -28 | -4 |
| 200011-905-IA-1B | 109959 | 119046 | 11-10-20 | 1012 | 11-10-20 | 1813 | -30 | -4 |
| 200011-905-IA-1B | 109963 | 109129 | 11-10-20 | 1020 | 11-10-20 | 1819 | -30 | -4 |



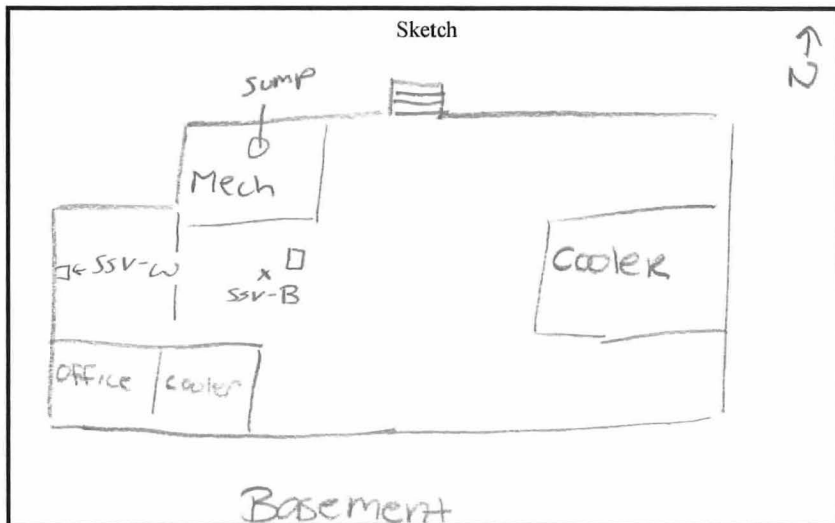
| | Wind Direction | Wind Speed mph | Temperature °F | Relative Humidity % | Barometric Pressure in. of Hg |
|---------------|----------------|-------------------|-------------------|------------------------|----------------------------------|
| Start | N | 15 | 48° | 93% | 28.76 |
| End | E | 17 | 43° | 100% | 28.47 |
| Notes: | | | | | |
| Duplicate ID: | | | | | |

*All indoor air samples collected from one property will be recorded on the same Indoor Air Sampling Form.
 *Outdoor air samples will be recorded on separate Indoor Air Sampling Forms due to changing weather conditions.

Project Name: Former Donaldson's Cleaners
 Project Number: 200011
 Project Address: 110 W Cecil St, Neenah, WI
 Client/Contact: _____

Property Address: 905 S Commercial St
Cranky Pats
 Sampler(s): B Kappen / R Brown

| Sample ID | Canister ID | Flow Controller ID | Date mm/dd/yy | Time Start hh:mm | Time End hh:mm | Vacuum Reading | | Sub-Slab Pressure in H ₂ O | Negative Pressure Test | | Water Dam Test | |
|------------------|-------------|--------------------|------------------|---------------------|-------------------|----------------|--------------|--|---|--|----------------|----|
| | | | | | | Initial in. Hg | Final in. Hg | | Induced -15 in Hg on sample train and pressure held? (yes/no) | Water Dam Test passed? (air bubbles not observed or water level did not drop) (yes/no) | | |
| 200011-905-SSV-1 | 119240 | 119742 | 11-11-20 | 11:06 | 11:11 | -30 | -4 | | yes | no | yes | no |
| 200011-905-SSV-B | 119728 | 119732 | 11-10-20 | 18:45 | 18:52 | -30 | -4 | 0.00 | yes | no | yes | no |
| 200011-905-SSV-W | 109931 | 109868 | 11-10-20 | 18:29 | 18:34 | -27 | -3 | 0.00 | yes | no | yes | no |
| | | | | | | | | | yes | no | yes | no |
| | | | | | | | | | yes | no | yes | no |
| | | | | | | | | | yes | no | yes | no |



| | Wind Direction | Wind Speed mph | Temperature °F | Relative Humidity % | Barometric Pressure in. of Hg |
|-------|----------------|-------------------|-------------------|------------------------|----------------------------------|
| | 11-10 | E | 17 | 43° | 100% |
| 11-11 | WSW | 12 | 37° | 48% | 28.99 |

Notes:

INDOOR AIR BUILDING SURVEY FORM

Date 11-10-20
Site # Cranky Pats
Site Name former Donaldson's Cleaners
Address 110 W. Cecil St., Neenah, WI

Occupant Information

Owner Name Cranky Pats - David Earle
Occupant Name _____
Address 905 S. Commercial St
Neenah, WI
Telephone No (920) 540-6741 Home/Work/Mobile
() Home/Work/Mobile

Number and Age of Occupants ~ 8 employees, customers
Does anyone smoke inside the building? no

Building Characteristics

Type of building: (circle) Residential/Industrial/School/Commercial/Multi-use/Other? _____
If residential, what type (circle) Single family/Condo/Multi-family/Other? _____
If the property is commercial, indicate the business? Restaurant
How many floors does the building have? 1
Does the building have a (circle) Basement/Crawl space/Slab-on-grade/Other? _____
Is the basement used as a living/work space area? no
What type of foundation does the building have (circle) Field stone/Poured concrete/Concrete block Other? _____
Is there an attached garage? no Is there a fuel tank? _____
Is there a wood stove? no Is there a fireplace? no

Describe the heating system: (circle) Forced air furnace/ Boiler/ Window air conditioner/Other? _____

If forced air heating, answer the following questions:

Is there a fresh air exchange? If so, details: _____

Are air ducts located within the crawl space of the property? yes

Are there additional vents within the property? (Non-powered vent/ bathroom vent/etc.) _____

Table 1: Potential vapor migration entry point information

| Potential Vapor Entry Points | Present (Yes/No) | Field Screening Results (ppm) | Picture | Comments |
|---|------------------|-------------------------------|---------|----------|
| Foundation penetrations in floor or walls | no | | | |
| Cracks in foundation floor or walls | no | | | |
| Sump | yes | | ✓ | |
| Floor drain | yes | | | |
| Other | | | | |
| Other | | | | |

Sampling Information

Sample Date 11/10/2020

Sampler Type Sorbent SUMMA Passive (Please circle one)

Analysis Method Mass APH TO-15Standard TO-15LL TO-15-SIM TO-17 Other: (Please circle one)

Contact Person (Project Manager) B. Kappen

Telephone No () _____

Laboratory ALS

Telephone No () _____



Table 2: Pre-Sampling Background Screening and Inspection Information

List products or items which may be considered potential sources of VOCs such as paint cans, gasoline cans, gasoline powered equipment, cleaning solvents, furniture polish, moth balls, etc.

Date and time of pre-sampling inspection _____

Sampling Inspection Product Inventory

| <u>Potential Source/ Trade Name</u> | <u>Location (Floor/Room)</u> | <u>Active/Main Ingredient</u> | <u>Picture</u> | <u>Removed (Y/N)</u> |
|---|----------------------------------|-----------------------------------|----------------|--------------------------|
| | | | | |
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Sampling Information

Table 3: Sorbent Tube Sampler Information

| Sample ID# | Floor | Room | Tube ID# | Pump ID# | Volume (liters) | Duration (minutes) | Comments |
|------------|-------|------|----------|----------|-----------------|--------------------|----------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Table 4: Canister Sampler Information

| Sample ID# | Floor | Room | Canister ID# | Initial On-site Pressure* | Final On-Site Pressure* |
|------------------|----------|---------------|--------------|---------------------------|-------------------------|
| 200011-905-0A | | outdoor | 119830 | -30 | -6 |
| 200011-905-IA-IA | First | Dining | 109497 | -28 | -4 |
| 200011-905-IA-IB | First | Dining | 109959 | -30 | -4 |
| 200011-905-IA-B | Basement | Basement | 109963 | -30 | -4 |
| 200011-905-SSV-1 | First | Dining/Bar | 119240 | -30 | -4 |
| 200011-905-SSV-B | Basement | Basement | 119728 | -30 | -4 |
| 200011-905-SSV-W | Basement | Basement Wall | 109931 | -27 | -3 |

*Indicate pressure in units of inches of mercury.

Please provide a sketch of building and sample locations on the following page.

Was the building ventilated prior to sample collection? NO

How long was the ventilation process? _____

Were vapor control methods in effect while the samples were being collected?

Windows open? Yes No Ventilation fans? Yes No Vapor barriers? Yes No Door opens frequently

Vapor phase carbon treatment system? Yes No SSDS? Yes No Other site control measures _____

Weather Conditions during Sampling

11-10

Outside temperature (°F) High: 66 Low: 45 Inside temperature (°F) 70

Prevailing wind speed and direction 12 mph / NE

Describe the general weather conditions (e.g. sunny, cloudy, rain) Rain

Significant precipitation (1 inches or more) within 72 hours of the sampling event? During event

11-11

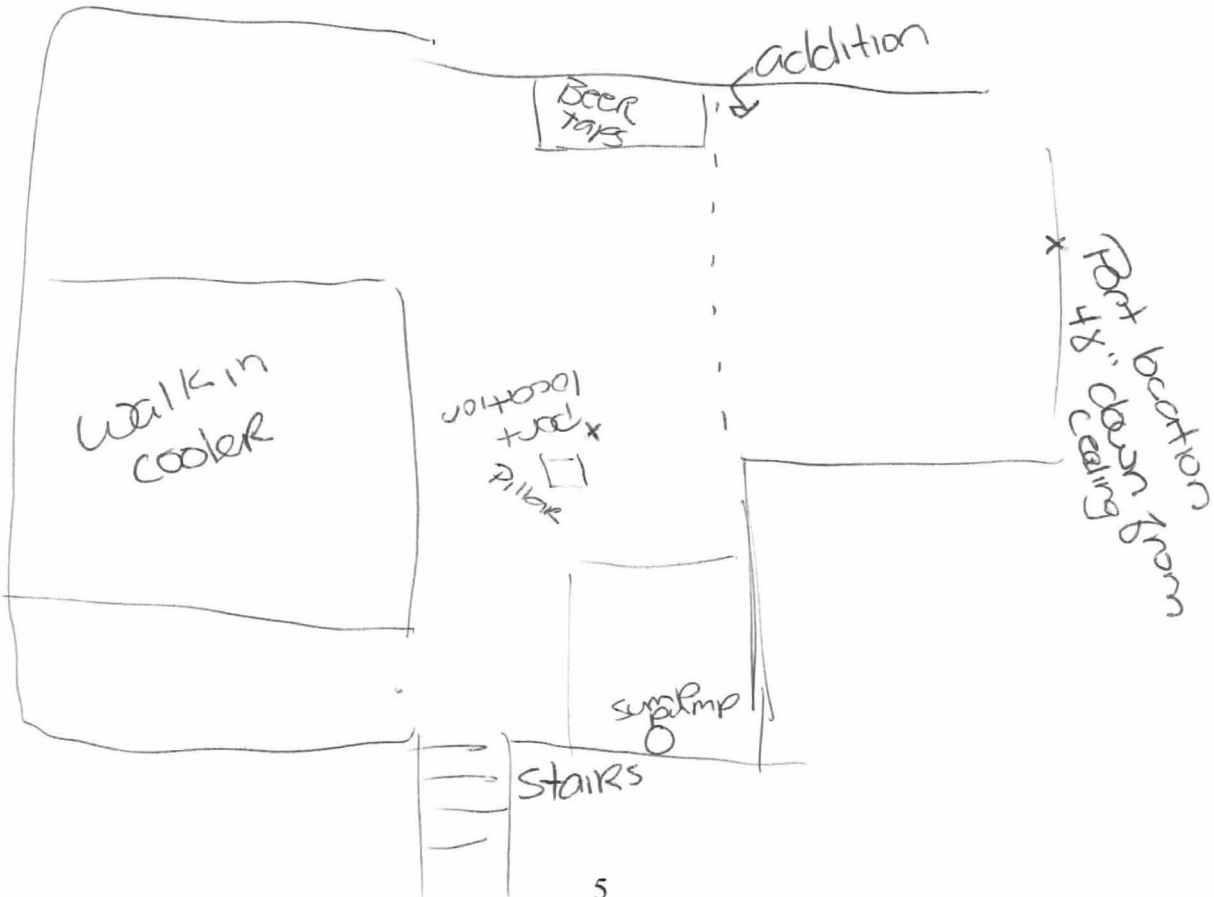
high temp: 41° low temp: 33° inside temp: 70°
 wind: 15 mph / w
 mostly sunny

General Comments and Sketch Area

Is there any information you feel is important related to this site and the samples collected which would facilitate an accurate interpretation of the indoor air quality? Sketch floor plan, sample locations, location of background sources.

Comments: Sump pump with water in it

Sketch:





ATTACHMENT 2

Laboratory Analytical Report



30-Nov-2020

Brian Kappen
EnviroForensics
N16W23390 Stone Ridge Dr
Waukesha, WI 53188

Re: **Former Donaldson's Cleaners; PN.: 20001**

Work Order: **20110456**

Dear Brian,

ALS Environmental received 7 samples on 16-Nov-2020 04:40 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 15.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Rob Nieman'.

Electronically approved by: Danielle Strasinger

Rob Nieman
Project Manager

Report of Laboratory Analysis

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental ALS Environmental logo icon consisting of a stylized green and blue shape.

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: EnviroForensics
Project: Former Donaldson's Cleaners; PN.: 20001
Work Order: 20110456

Work Order Sample Summary

| <u>Lab Samp ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Tag Number</u> | <u>Collection Date</u> | <u>Date Received</u> | <u>Hold</u> |
|--------------------|-------------------------|---------------|-------------------|------------------------|----------------------|--------------------------|
| 20110456-01 | 200011-905-OA | Air | | 11/10/2020 | 11/16/2020 16:40 | <input type="checkbox"/> |
| 20110456-02 | 200011-905-IA-1A | Air | | 11/10/2020 | 11/16/2020 16:40 | <input type="checkbox"/> |
| 20110456-03 | 200011-905-IA-1B | Air | | 11/10/2020 | 11/16/2020 16:40 | <input type="checkbox"/> |
| 20110456-04 | 200011-905-IA-B | Air | | 11/10/2020 | 11/16/2020 16:40 | <input type="checkbox"/> |
| 20110456-05 | 200011-905-SSV-1 | Air | | 11/10/2020 | 11/16/2020 16:40 | <input type="checkbox"/> |
| 20110456-06 | 200011-905-SSV-B | Air | | 11/10/2020 | 11/16/2020 16:40 | <input type="checkbox"/> |
| 20110456-07 | 200011-905-SSV-W | Air | | 11/10/2020 | 11/16/2020 16:40 | <input type="checkbox"/> |

Client: EnviroForensics
Project: Former Donaldson's Cleaners; PN.: 20001
Work Order: 20110456

Case Narrative

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

ALS is an EPA recognized NLLAP laboratory for lead paint, soil, and dust wipe analyses under its AIHA-LAP accreditation.

Client: EnviroForensics

Project: Former Donaldson's Cleaners; PN.: 20001

Work Order: 20110456

Sample ID: 200011-905-OA

Lab ID: 20110456-01

Collection Date: 11/10/2020

Matrix: AIR

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|--------------------------|--------|------|---------------|-------|-----------------|---------------------|
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/18/2020 09:58 PM |
| Tetrachloroethene | ND | | 0.50 | ppbv | 1 | 11/18/2020 09:58 PM |
| trans-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/18/2020 09:58 PM |
| Trichloroethene | ND | | 0.20 | ppbv | 1 | 11/18/2020 09:58 PM |
| Vinyl chloride | ND | | 0.50 | ppbv | 1 | 11/18/2020 09:58 PM |
| Surr: Bromofluorobenzene | 99.1 | | 60-140 | %REC | 1 | 11/18/2020 09:58 PM |
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/18/2020 09:58 PM |
| Tetrachloroethene | ND | | 3.39 | µg/m3 | 1 | 11/18/2020 09:58 PM |
| trans-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/18/2020 09:58 PM |
| Trichloroethene | ND | | 1.07 | µg/m3 | 1 | 11/18/2020 09:58 PM |
| Vinyl chloride | ND | | 1.28 | µg/m3 | 1 | 11/18/2020 09:58 PM |
| Surr: Bromofluorobenzene | 99.1 | | 60-140 | %REC | 1 | 11/18/2020 09:58 PM |

Note:

Client: EnviroForensics

Project: Former Donaldson's Cleaners; PN.: 20001

Work Order: 20110456

Sample ID: 200011-905-IA-1A

Lab ID: 20110456-02

Collection Date: 11/10/2020

Matrix: AIR

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|--------------------------|--------|------|---------------|-------|-----------------|---------------------|
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/18/2020 10:43 PM |
| Tetrachloroethene | ND | | 0.50 | ppbv | 1 | 11/18/2020 10:43 PM |
| trans-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/18/2020 10:43 PM |
| Trichloroethene | ND | | 0.20 | ppbv | 1 | 11/18/2020 10:43 PM |
| Vinyl chloride | ND | | 0.50 | ppbv | 1 | 11/18/2020 10:43 PM |
| Surr: Bromofluorobenzene | 98.6 | | 60-140 | %REC | 1 | 11/18/2020 10:43 PM |
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/18/2020 10:43 PM |
| Tetrachloroethene | ND | | 3.39 | µg/m3 | 1 | 11/18/2020 10:43 PM |
| trans-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/18/2020 10:43 PM |
| Trichloroethene | ND | | 1.07 | µg/m3 | 1 | 11/18/2020 10:43 PM |
| Vinyl chloride | ND | | 1.28 | µg/m3 | 1 | 11/18/2020 10:43 PM |
| Surr: Bromofluorobenzene | 98.6 | | 60-140 | %REC | 1 | 11/18/2020 10:43 PM |

Note:

Client: EnviroForensics

Project: Former Donaldson's Cleaners; PN.: 20001

Work Order: 20110456

Sample ID: 200011-905-IA-1B

Lab ID: 20110456-03

Collection Date: 11/10/2020

Matrix: AIR

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|--------------------------|--------|------|---------------|-------|-----------------|---------------------|
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/18/2020 11:28 PM |
| Tetrachloroethene | ND | | 0.50 | ppbv | 1 | 11/18/2020 11:28 PM |
| trans-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/18/2020 11:28 PM |
| Trichloroethene | ND | | 0.20 | ppbv | 1 | 11/18/2020 11:28 PM |
| Vinyl chloride | ND | | 0.50 | ppbv | 1 | 11/18/2020 11:28 PM |
| Surr: Bromofluorobenzene | 98.1 | | 60-140 | %REC | 1 | 11/18/2020 11:28 PM |
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/18/2020 11:28 PM |
| Tetrachloroethene | ND | | 3.39 | µg/m3 | 1 | 11/18/2020 11:28 PM |
| trans-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/18/2020 11:28 PM |
| Trichloroethene | ND | | 1.07 | µg/m3 | 1 | 11/18/2020 11:28 PM |
| Vinyl chloride | ND | | 1.28 | µg/m3 | 1 | 11/18/2020 11:28 PM |
| Surr: Bromofluorobenzene | 98.1 | | 60-140 | %REC | 1 | 11/18/2020 11:28 PM |

Note:

Client: EnviroForensics

Project: Former Donaldson's Cleaners; PN.: 20001

Work Order: 20110456

Sample ID: 200011-905-IA-B

Lab ID: 20110456-04

Collection Date: 11/10/2020

Matrix: AIR

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|--------------------------|-------------|------|---------------|--------------|-----------------|---------------------|
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/19/2020 12:13 AM |
| Tetrachloroethene | 0.79 | | 0.50 | ppbv | 1 | 11/19/2020 12:13 AM |
| trans-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/19/2020 12:13 AM |
| Trichloroethene | ND | | 0.20 | ppbv | 1 | 11/19/2020 12:13 AM |
| Vinyl chloride | ND | | 0.50 | ppbv | 1 | 11/19/2020 12:13 AM |
| Surr: Bromofluorobenzene | 99.9 | | 60-140 | %REC | 1 | 11/19/2020 12:13 AM |
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/19/2020 12:13 AM |
| Tetrachloroethene | 5.36 | | 3.39 | µg/m3 | 1 | 11/19/2020 12:13 AM |
| trans-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/19/2020 12:13 AM |
| Trichloroethene | ND | | 1.07 | µg/m3 | 1 | 11/19/2020 12:13 AM |
| Vinyl chloride | ND | | 1.28 | µg/m3 | 1 | 11/19/2020 12:13 AM |
| Surr: Bromofluorobenzene | 99.9 | | 60-140 | %REC | 1 | 11/19/2020 12:13 AM |

Note:

Client: EnviroForensics

Project: Former Donaldson's Cleaners; PN.: 20001

Work Order: 20110456

Sample ID: 200011-905-SSV-1

Lab ID: 20110456-05

Collection Date: 11/10/2020

Matrix: AIR

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|--------------------------|-------------|------|---------------|--------------|-----------------|---------------------|
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/23/2020 01:46 PM |
| Tetrachloroethene | 15 | | 0.50 | ppbv | 1 | 11/23/2020 01:46 PM |
| trans-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/23/2020 01:46 PM |
| Trichloroethene | 0.40 | | 0.20 | ppbv | 1 | 11/23/2020 01:46 PM |
| Vinyl chloride | ND | | 0.50 | ppbv | 1 | 11/23/2020 01:46 PM |
| Surr: Bromofluorobenzene | 99.9 | | 60-140 | %REC | 1 | 11/23/2020 01:46 PM |
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/23/2020 01:46 PM |
| Tetrachloroethene | 104 | | 3.39 | µg/m3 | 1 | 11/23/2020 01:46 PM |
| trans-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/23/2020 01:46 PM |
| Trichloroethene | 2.15 | | 1.07 | µg/m3 | 1 | 11/23/2020 01:46 PM |
| Vinyl chloride | ND | | 1.28 | µg/m3 | 1 | 11/23/2020 01:46 PM |
| Surr: Bromofluorobenzene | 99.9 | | 60-140 | %REC | 1 | 11/23/2020 01:46 PM |

Note:

Client: EnviroForensics

Project: Former Donaldson's Cleaners; PN.: 20001

Work Order: 20110456

Sample ID: 200011-905-SSV-B

Lab ID: 20110456-06

Collection Date: 11/10/2020

Matrix: AIR

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|--------------------------|--------|------|---------------|-------|-----------------|---------------------|
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | 4.8 | | 0.50 | ppbv | 1 | 11/23/2020 02:32 PM |
| Tetrachloroethene | 280 | | 10 | ppbv | 20 | 11/24/2020 10:27 AM |
| trans-1,2-Dichloroethene | ND | | 0.50 | ppbv | 1 | 11/23/2020 02:32 PM |
| Trichloroethene | 13 | | 0.20 | ppbv | 1 | 11/23/2020 02:32 PM |
| Vinyl chloride | ND | | 0.50 | ppbv | 1 | 11/23/2020 02:32 PM |
| Surr: Bromofluorobenzene | 101 | | 60-140 | %REC | 1 | 11/23/2020 02:32 PM |
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | 19.2 | | 1.98 | µg/m3 | 1 | 11/23/2020 02:32 PM |
| Tetrachloroethene | 1,930 | | 67.8 | µg/m3 | 20 | 11/24/2020 10:27 AM |
| trans-1,2-Dichloroethene | ND | | 1.98 | µg/m3 | 1 | 11/23/2020 02:32 PM |
| Trichloroethene | 69.2 | | 1.07 | µg/m3 | 1 | 11/23/2020 02:32 PM |
| Vinyl chloride | ND | | 1.28 | µg/m3 | 1 | 11/23/2020 02:32 PM |
| Surr: Bromofluorobenzene | 101 | | 60-140 | %REC | 1 | 11/23/2020 02:32 PM |

Note:

Client: EnviroForensics

Project: Former Donaldson's Cleaners; PN.: 20001

Work Order: 20110456

Sample ID: 200011-905-SSV-W

Lab ID: 20110456-07

Collection Date: 11/10/2020

Matrix: AIR

| Analyses | Result | Qual | Report Limit | Units | Dilution Factor | Date Analyzed |
|--------------------------|--------|------|---------------|-------|-----------------|---------------------|
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | 210 | | 5.0 | ppbv | 10 | 11/23/2020 06:41 PM |
| Tetrachloroethene | 3,400 | | 500 | ppbv | 1000 | 11/25/2020 01:43 PM |
| trans-1,2-Dichloroethene | 8.2 | | 5.0 | ppbv | 10 | 11/23/2020 06:41 PM |
| Trichloroethene | 240 | | 2.0 | ppbv | 10 | 11/23/2020 06:41 PM |
| Vinyl chloride | ND | | 5.0 | ppbv | 10 | 11/23/2020 06:41 PM |
| Surr: Bromofluorobenzene | 100 | | 60-140 | %REC | 10 | 11/23/2020 06:41 PM |
| TO-15 BY GC/MS | | | ETO-15 | | | Analyst: MRJ |
| cis-1,2-Dichloroethene | 846 | | 19.8 | µg/m3 | 10 | 11/23/2020 06:41 PM |
| Tetrachloroethene | 23,000 | | 3,390 | µg/m3 | 1000 | 11/25/2020 01:43 PM |
| trans-1,2-Dichloroethene | 32.5 | | 19.8 | µg/m3 | 10 | 11/23/2020 06:41 PM |
| Trichloroethene | 1,310 | | 10.7 | µg/m3 | 10 | 11/23/2020 06:41 PM |
| Vinyl chloride | ND | | 12.8 | µg/m3 | 10 | 11/23/2020 06:41 PM |
| Surr: Bromofluorobenzene | 100 | | 60-140 | %REC | 10 | 11/23/2020 06:41 PM |

Note:

Client: EnviroForensics

QC BATCH REPORT

Work Order: 20110456

Project: Former Donaldson's Cleaners; PN.: 20001

Batch ID: **R184311** Instrument ID **VMS4** Method: **ETO-15**

| mbk | | Sample ID: MBLK-R184311 | | | | Units: ppbv | | Analysis Date: 11/18/2020 05:06 PM | | |
|---------------------------------|-------------|--------------------------------|-----------|-----------------------|-------------|--------------------|---------------|---|-----------|------|
| Client ID: | | Run ID: VMS4_201118A | | SeqNo: 2353808 | | Prep Date: | | DF: 1 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| cis-1,2-Dichloroethene | ND | 0.50 | | | | | | | | |
| Tetrachloroethene | ND | 0.50 | | | | | | | | |
| trans-1,2-Dichloroethene | ND | 0.50 | | | | | | | | |
| Trichloroethene | ND | 0.20 | | | | | | | | |
| Vinyl chloride | ND | 0.50 | | | | | | | | |
| <i>Surr: Bromofluorobenzene</i> | <i>9.58</i> | <i>0</i> | <i>10</i> | <i>0</i> | <i>95.8</i> | <i>60-140</i> | <i>0</i> | | | |

| ics | | Sample ID: LCS-R184311 | | | | Units: ppbv | | Analysis Date: 11/18/2020 11:46 AM | | |
|---------------------------------|--------------|-------------------------------|-----------|-----------------------|------------|--------------------|---------------|---|-----------|------|
| Client ID: | | Run ID: VMS4_201118A | | SeqNo: 2353807 | | Prep Date: | | DF: 1 | | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| cis-1,2-Dichloroethene | 10.49 | 0.50 | 10 | 0 | 105 | 60-140 | 0 | | | |
| Tetrachloroethene | 9.45 | 0.50 | 10 | 0 | 94.5 | 60-140 | 0 | | | |
| trans-1,2-Dichloroethene | 9.74 | 0.50 | 10 | 0 | 97.4 | 60-140 | 0 | | | |
| Trichloroethene | 9.57 | 0.20 | 10 | 0 | 95.7 | 60-140 | 0 | | | |
| Vinyl chloride | 8.25 | 0.50 | 10 | 0 | 82.5 | 60-140 | 0 | | | |
| <i>Surr: Bromofluorobenzene</i> | <i>10.07</i> | <i>0</i> | <i>10</i> | <i>0</i> | <i>101</i> | <i>60-140</i> | <i>0</i> | | | |

The following samples were analyzed in this batch:

| | | |
|--------------|--------------|--------------|
| 20110456-01A | 20110456-02A | 20110456-03A |
| 20110456-04A | | |

Client: EnviroForensics
Work Order: 20110456
Project: Former Donaldson's Cleaners; PN.: 20001

QC BATCH REPORT

Batch ID: **R184443** Instrument ID **VMS4** Method: **ETO-15**

| mbk | | Sample ID: MBLK-R184443 | | | | Units: ppbv | | Analysis Date: 11/23/2020 12:58 PM | | |
|---------------------------------|-------------|--------------------------------|-----------|---------------|-------------|-----------------------|---------------|---|-----------|--------------|
| Client ID: | | Run ID: VMS4_201123A | | | | SeqNo: 2356802 | | Prep Date: | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| cis-1,2-Dichloroethene | ND | 0.50 | | | | | | | | |
| Tetrachloroethene | ND | 0.50 | | | | | | | | |
| trans-1,2-Dichloroethene | ND | 0.50 | | | | | | | | |
| Trichloroethene | ND | 0.20 | | | | | | | | |
| Vinyl chloride | ND | 0.50 | | | | | | | | |
| <i>Surr: Bromofluorobenzene</i> | <i>9.74</i> | <i>0</i> | <i>10</i> | <i>0</i> | <i>97.4</i> | <i>60-140</i> | <i>0</i> | | | |

| lcs | | Sample ID: LCS-R184443 | | | | Units: ppbv | | Analysis Date: 11/23/2020 12:13 PM | | |
|---------------------------------|--------------|-------------------------------|-----------|---------------|------------|-----------------------|---------------|---|-----------|--------------|
| Client ID: | | Run ID: VMS4_201123A | | | | SeqNo: 2356801 | | Prep Date: | | DF: 1 |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual |
| cis-1,2-Dichloroethene | 10.11 | 0.50 | 10 | 0 | 101 | 60-140 | 0 | | | |
| Tetrachloroethene | 10.19 | 0.50 | 10 | 0 | 102 | 60-140 | 0 | | | |
| trans-1,2-Dichloroethene | 10.09 | 0.50 | 10 | 0 | 101 | 60-140 | 0 | | | |
| Trichloroethene | 10.29 | 0.20 | 10 | 0 | 103 | 60-140 | 0 | | | |
| Vinyl chloride | 7.88 | 0.50 | 10 | 0 | 78.8 | 60-140 | 0 | | | |
| <i>Surr: Bromofluorobenzene</i> | <i>10.24</i> | <i>0</i> | <i>10</i> | <i>0</i> | <i>102</i> | <i>60-140</i> | <i>0</i> | | | |

The following samples were analyzed in this batch:

| | | |
|--------------|--------------|--------------|
| 20110456-05A | 20110456-06A | 20110456-07A |
|--------------|--------------|--------------|

Client: EnviroForensics
Work Order: 20110456
Project: Former Donaldson's Cleaners; PN.: 20001

QC BATCH REPORT

Batch ID: **R184512** Instrument ID **VMS4** Method: **ETO-15**

| mbk | | Sample ID: MBLK-R184512 | | | | Units: ppbv | | Analysis Date: 11/24/2020 04:40 PM | | | |
|---------------------------------|--------|--------------------------------|---------|---------------|------|-----------------------|---------------|---|-----------|--------------|--|
| Client ID: | | Run ID: VMS4_201124A | | | | SeqNo: 2357835 | | Prep Date: | | DF: 1 | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | |
| Tetrachloroethene | ND | 0.50 | | | | | | | | | |
| <i>Surr: Bromofluorobenzene</i> | 10.08 | 0 | 10 | 0 | 101 | 60-140 | | 0 | | | |

| lcs | | Sample ID: LCS-R184512 | | | | Units: ppbv | | Analysis Date: 11/24/2020 03:56 PM | | | |
|---------------------------------|--------|-------------------------------|---------|---------------|------|-----------------------|---------------|---|-----------|--------------|--|
| Client ID: | | Run ID: VMS4_201124A | | | | SeqNo: 2357834 | | Prep Date: | | DF: 1 | |
| Analyte | Result | PQL | SPK Val | SPK Ref Value | %REC | Control Limit | RPD Ref Value | %RPD | RPD Limit | Qual | |
| Tetrachloroethene | 10.27 | 0.50 | 10 | 0 | 103 | 60-140 | | 0 | | | |
| <i>Surr: Bromofluorobenzene</i> | 10.35 | 0 | 10 | 0 | 104 | 60-140 | | 0 | | | |

The following samples were analyzed in this batch: 20110456-07A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: EnviroForensics
Project: Former Donaldson's Cleaners; PN.: 20001
WorkOrder: 20110456

**QUALIFIERS,
ACRONYMS, UNITS**

| <u>Qualifier</u> | <u>Description</u> |
|------------------|---|
| * | Value exceeds Regulatory Limit |
| a | Not accredited |
| B | Analyte detected in the associated Method Blank above the Reporting Limit |
| E | Value above quantitation range |
| H | Analyzed outside of Holding Time |
| J | Analyte detected below quantitation limit |
| n | Not offered for accreditation |
| ND | Not Detected at the Reporting Limit |
| O | Sample amount is > 4 times amount spiked |
| P | Dual Column results percent difference > 40% |
| R | RPD above laboratory control limit |
| S | Spike Recovery outside laboratory control limits |
| U | Analyzed but not detected above the MDL |

| <u>Acronym</u> | <u>Description</u> |
|----------------|-------------------------------------|
| DUP | Method Duplicate |
| E | EPA Method |
| LCS | Laboratory Control Sample |
| LCSD | Laboratory Control Sample Duplicate |
| MBLK | Method Blank |
| MDL | Method Detection Limit |
| MQL | Method Quantitation Limit |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| PDS | Post Digestion Spike |
| PQL | Practical Quantitation Limit |
| SDL | Sample Detection Limit |
| SW | SW-846 Method |

| <u>Units Reported</u> | <u>Description</u> |
|-----------------------|--------------------|
| µg/m3 | |
| ppbv | |

Sample Receipt Checklist

Client Name: **ENVIROFORENSICS-WAKESHA**

Date/Time Received: **16-Nov-20 16:40**

Work Order: **20110456**

Received by: **JNW**

Checklist completed by *Jan Wilcox*
eSignature

16-Nov-20
Date

Reviewed by: *Rob Niman*
eSignature

18-Nov-20
Date

Matrices: air

Carrier name: FedEx

| | | | |
|---|---|--|--|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Container/Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample(s) received on ice? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| Temperature(s)/Thermometer(s): | <input type="text"/> | | |
| Cooler(s)/Kit(s): | <input type="text"/> | | |
| Date/Time sample(s) sent to storage: | <input type="text"/> | | |
| Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | No VOA vials submitted <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| pH adjusted? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| pH adjusted by: | <input type="text"/> | | |

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

Air Canister - Chain of Custody Record / Analytical Service Request

03106



Ship To: **ALS Environmental**
 4388 Glendale Milford Rd.
 Cincinnati, Ohio 45242
 Phone: (513) 733-5336
 Fax: (513) 733-5347

20110456

Requested Turnaround Time in Business Days (Surcharges) please circle
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. _____

| Company Name & Address (Reporting Information) Enviroforensics 216W 23390 Stone Ridge dr. Ste G Waukesha, WI 53188 | | | | Project Name Former Donaldson's Cleaners | | | | OH VAP: <input type="radio"/> Yes <input type="radio"/> No OH BUSTR: <input type="radio"/> Yes <input type="radio"/> No | | Analysis Method TO15 VOCs Type: SS = SubSlab IA = Indoor Air SG = Soil Gas O = Other AA = Ambient Air SVE = Soil Vapor Extract | Comments / Specific Instructions (ie: water or pressure issues) |
|---|----------------------|----------------|----------------|---|--------------------|-----------------------------|--------------------------------|--|---|---|---|
| Project Manager Brian Kappen | | | | Project Number 200011 | | | | | | | |
| Phone 262-290-4001 | | Fax | | P.O. # / Billing Information 2020-2068 | | | | | | | |
| Email Address for Result Reporting bkappen@enviroforensics.com | | | | Sampler (Print & Sign) RL RL Rebecca Brown | | | | | | | |
| Client Sample ID | Laboratory ID Number | Date Collected | Time Collected | Canister ID | Flow Controller ID | Canister Start Pressure "Hg | Canister End Pressure "Hg/psig | PID | | | |
| 200011-905-0A | 01 | 11-10-20 | 18:17 | 119830 | 119609 | -30 | -6 | | X | AA | |
| 200011-905-IA-1A | 02 | 11-10-20 | 18:11 | 109497 | 109468 | -28 | -4 | | X | IA | |
| 200011-905-IA-1B | 03 | 11-10-20 | 18:13 | 109959 | 119046 | -30 | -4 | | X | IA | |
| 200011-905-IA-B | 04 | 11-10-20 | 18:19 | 109963 | 109129 | -30 | -4 | | X | IA | |
| 200011-905-SSV-1 | 05 | 11-10-20 | 11:11 | 119240 | 119742 | -30 | -4 | | X | SS | |
| 200011-905-SSV-B | 06 | 11-10-20 | 18:52 | 119728 | 119732 | -30 | -4 | | X | SS | |
| 200011-905-SSV-W | 07 | 11-10-20 | 18:34 | 109931 | 109863 | -27 | -3 | | X | SS | |

There will be additional charges for damaged equipment

Report QC Levels _____
 EDD required Yes / No
 Type: _____ Units: _____

Project Requirements (MRLs, QAPP)

| | | | | | | |
|---|-----------------------|--------------------|--|-----------------------|--------------------|---|
| Relinquished by: (Signature) <u>RL RL</u> | Date: <u>11-12-20</u> | Time: <u>12:00</u> | Received by: (Signature) <u>Fedex</u> | Date: <u>11-12-20</u> | Time: <u>12:00</u> | Project Requirements (MRLs, QAPP) Temperature _____ °C |
| Relinquished by: (Signature) | Date: | Time: | Received by: (Signature) <u>ALS 11/16/2020</u> | Date: <u>11-16-20</u> | Time: <u>16:40</u> | |