March 23, 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
1015 and 1019 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 the Commercial Square apartments located at 1015 and 1019 South Commercial Street in Neenah, Wisconsin. 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 in **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

The Commercial Square apartment complex consists of two (2) separate buildings, each containing 12 units with six (6) on the first floor and six (6) on the second floor. Vapor intrusion investigation activities, consisting of indoor/outdoor air sampling followed by sub-slab vapor sampling, were performed in the following first floor apartments which are shown located on **Figures 2** and **3** (attached):

- 1015 S. Commercial Street - Units 6 and 7
- 1019 S. Commercial Street - Units 7 and 9

Access to each unit for sampling purposes was coordinated with tenants and scheduled for February 18-19, 2021. The tenant in 1015 S. Commercial Street, Unit 6 was unavailable on February 19; therefore, EnviroForensics re-mobilized on March 1-2, 2021 to complete sampling in that unit. One (1) indoor air sample and one (1) sub-slab vapor sample were collected from each apartment. Outdoor air samples were also collected to evaluate background conditions. 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

Air samples were collected from the breathing zone (3-5 feet above the floor) using 6-liter vacuum canisters, regulated to withdraw a time-integrated sample over a 24-hour period. The air samples are identified according to the following format: *Project Number-Address-Unit#-IA* or OA for indoor air and outdoor air, respectively. For example, sample 200011-1019-7-IA is the indoor air sample collected from 1019 S. Commercial Street, Unit 7. The air samples were collected prior to sampling sub-slab vapor to ensure that any vapors beneath the slab would not escape to enter the ambient air and potentially skew the indoor air data.

Approximate indoor air sampling locations are shown on **Figures 2** and **3**. Outdoor air sample canisters were secured to a tree located between the two (2) apartment buildings. There were no features/structures upwind of both buildings on the property on which to place and secure the outdoor air canisters. 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

Permanent, flush-mounted Vapor Pin® sampling ports were previously installed in closets within each unit. The approximate vapor sampling port locations are depicted on **Figures 2** and **3**. 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 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**.

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 are identified according to the following format: *Project Number-Address-Unit#-SSV*. For example, sample 200011-1019-7-SSV is the sub-slab vapor sample collected from 1019 S. Commercial Street, Unit 7. 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 reports are provided as **Attachment 2**. The indoor air sample collected from 1019 Commercial Street, Unit 7 contained PCE at a concentration of 32.6 micrograms per cubic meter (µg/m^3), which is below the Vapor Action Level of 42 µg/m^3. The contaminants of concern were not detected in the outdoor air sample or the indoor air samples collected from the other three (3) units.

Each of the sub-slab vapor samples contained PCE at concentrations ranging from 4.95 to 154 micrograms per cubic meter (µg/m^3), which are below the vapor risk screening level (VRSL) of 1,400 µg/m^3. TCE was also detected in three (3) of the four (4) sub-slab vapor samples. The highest TCE concentration was 4.08 µg/m^3, which is well below VRSL of 70 µg/m^3.

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

Brian Kappen, PG
Project Manager

Attachments:

Table 1 – Commercial Square Apartments Vapor Intrusion Sampling Results
Figure 1 – Site and Surrounding Area Layout
Figure 2 – 1015 S. Commercial Street Vapor Intrusion Sampling Locations
Figure 3 - 1019 S. Commercial Street Vapor Intrusion Sampling Locations
Attachment 1 – Field Sampling Forms
Attachment 2 – Laboratory Analytical Reports

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.

Project Manager — 3/23/2021

Signature and title — Date

TABLE

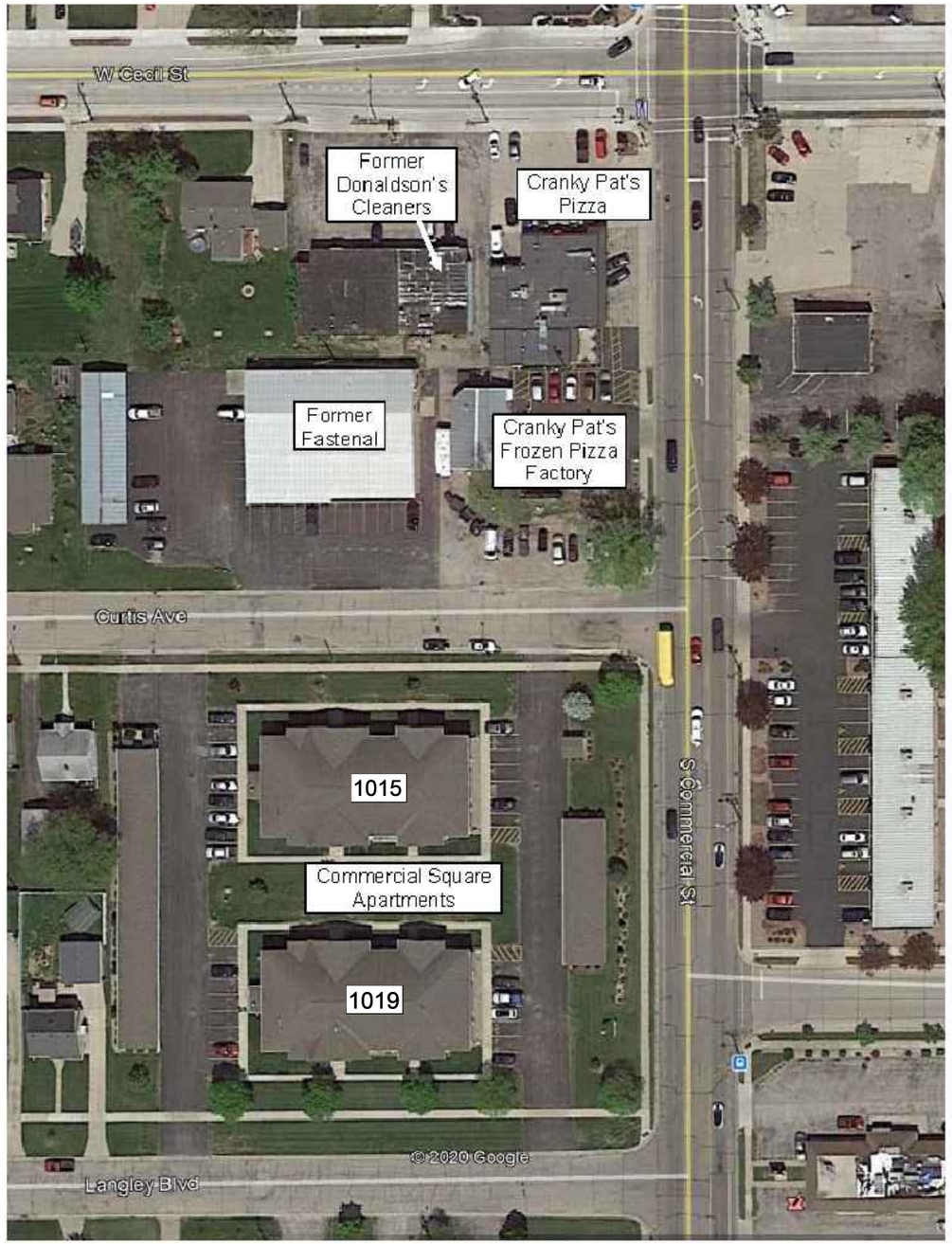
Table 1
Commercial Square Apartments Vapor Intrusion Sample Results
Former Donaldson's Cleaners
Neenah, Wisconsin

South Commercial Street Address	Apartment Number	Sample ID	Sample Type	Sample Date	Tetrachloroethene	Trichloroethene	cis 1,2-Dichloroethene	trans 1,2-Dichoroethene	Vinyl Chloride
Residential Indoor Air Vapor Action Level					**42**	**2.1**	**NE**	**NE**	**1.7**
Residential Sub-Slab Vapor Risk Sceening Level					**1,400**	**70**	**NE**	**NE**	**57**
1015/1019	-	200011-1015/1019-OA	OA	11/10/2020	<3.39	<1.07	<1.98	<1.98	<1.28
				2/19/2021	<3.39	<1.07	<1.98	<1.98	<1.28
				3/2/2021	<3.39	<1.07	<1.98	<1.98	<1.28
		200011-1015-OA	OA	12/1/2020	<3.39	<1.07	<1.98	<1.98	<1.28
1015	6	200011-1015-6-IA	IA	11/11/2020	<3.39	<1.07	<1.98	<1.98	<1.28
				3/2/2021	<3.39	<1.07	<1.98	<1.98	<1.28
		200011-1015-6-SSV	SSV	11/11/2020	**16.7**	<1.07	<1.98	<1.98	<1.28
				3/2/2021	**154**	**4.08**	<1.98	<1.98	<1.28
1015	7	200011-1015-7-IA	IA	12/1/2020	<3.39	<1.07	<1.98	<1.98	<1.28
				2/19/2021	<3.39	<1.07	<1.98	<1.98	<1.28
		200011-1015-7-SSV	SSV	12/1/2020	**129**	<10.7	<19.8	<19.8	<12.8
				2/19/2021	**4.95**	<1.07	<1.98	<1.98	<1.28
1019	7	200011-1019-7-IA	IA	11/10/2020	<3.39	<1.07	<1.98	<1.98	<1.28
				2/19/2021	**32.6**	<1.07	<1.98	<1.98	<1.28
		200011-1019-7-SSV	SSV	11/10/2020	**54.5**	**1.77**	**2.18**	<1.98	<1.28
				2/19/2021	**137**	**1.29**	<1.98	<1.98	<1.28
1019	9	200011-1019-9-IA	IA	11/10/2020	<3.39	<1.07	<1.98	<1.98	<1.28
				2/19/2021	<3.39	<1.07	<1.98	<1.98	<1.28
		200011-1019-9-SSV	SSV	11/10/2020	**29.0**	**1.13**	<1.98	<1.98	<1.28
				2/19/2021	**34.4**	**1.67**	<1.98	<1.98	<1.28

Notes:
Concentrations reported in units of micrograms per cubic meter (µg/m³)
Bolded values are above laboratory method detection limits
IA = Indoor Air
NE = Not Established
OA = Outdoor Air
SSV = Sub-Slab Vapor

FIGURES

Legend



N

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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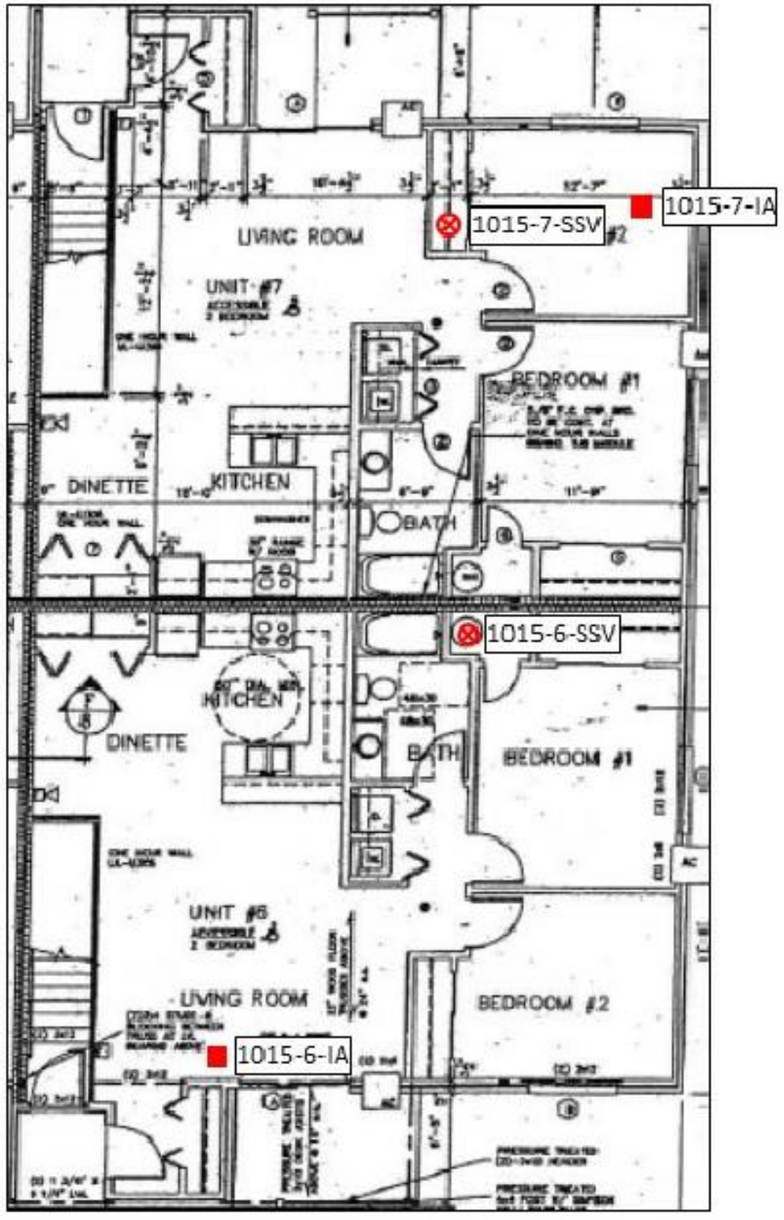
EnviroForensics.com

Figure
1
Project
200011

LEGEND

- Sub-Slab Vapor Sample
- Indoor Air Sample



N

NOT TO SCALE

1015 SOUTH COMMERCIAL STREET VAPOR INTRUSION SAMPLING LOCATIONS

Former Donaldson's Cleaners

Date:	12/29/20
Designed:	BK
Drawn:	BK
Checked:	BK
DWG file:	200011-0098

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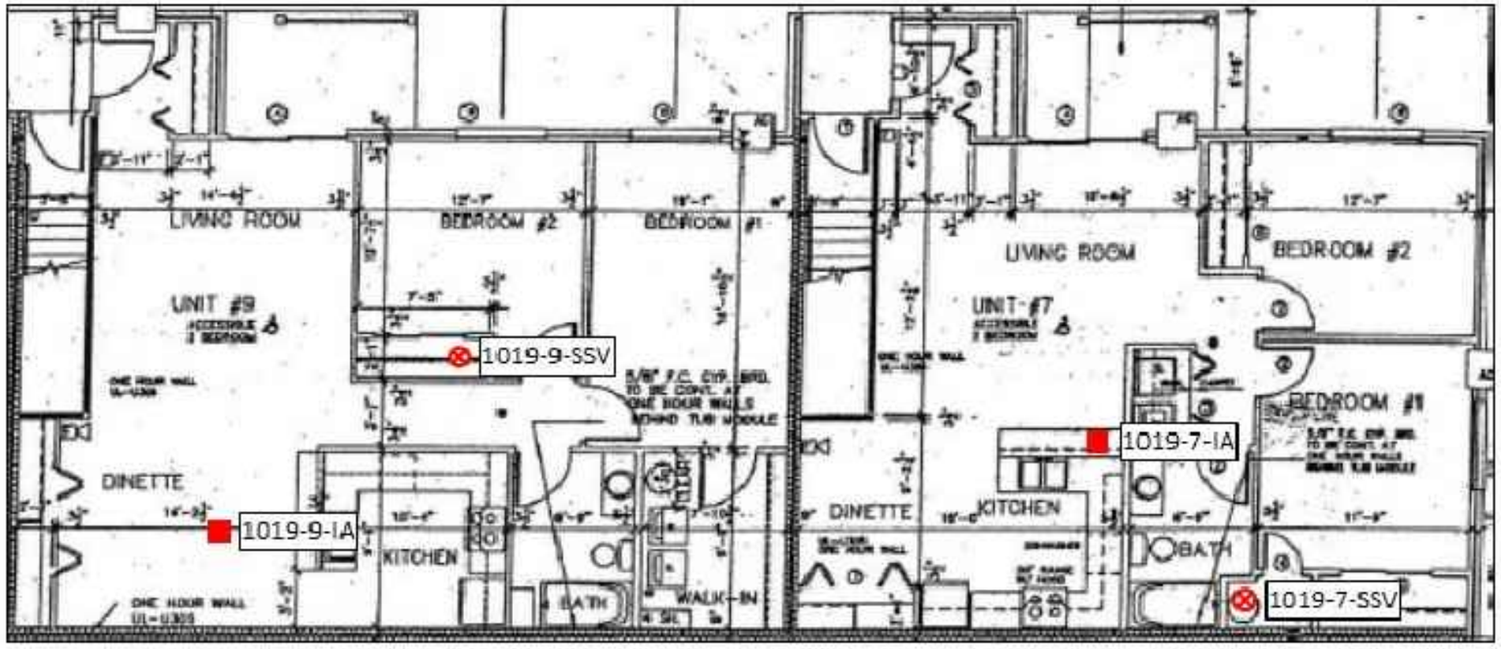
825 North Capitol Avenue • Indianapolis, IN 46204
EnviroForensics.com

Figure 2

Project 200011



LEGEND

- Sub-Slab Vapor Sample
- Indoor Air Sample

N

NOT TO SCALE

1019 SOUTH COMMERCIAL STREET VAPOR INTRUSION SAMPLING LOCATIONS

Former Donaldson's Cleaners

Date:	12/29/20
Designed:	BK
Drawn:	BK
Checked:	BK
DWG file:	200011-0099

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Figure 3

Project 200011

ATTACHMENT 1

Field Sampling Forms

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Indoor/Outdoor Air Field Sampling Form

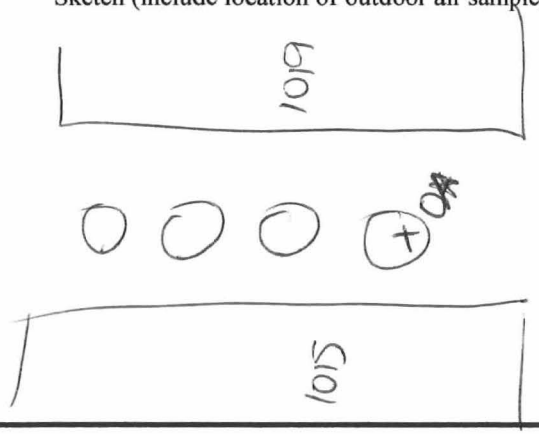
825 N Capitol Avenue
Indianapolis, IN 46204
(317) 972-7870

Project Name: WDNR Donaldson's site
Project Number: 200011
Project Address: 110 W Cecil St, Neenah
Client/Contact: J. Borski

Property Address: 1015/1019 S Commercial St Neenah, WI
OA Sample Location:
Sampler(s): R. Brown

Sample ID	Canister ID	Flow Controller ID	Date Start mm/dd/yy	Time Start hh:mm	Date End mm/dd/yy	Time End hh:mm	Vacuum Reading Initial in. Hg	Vacuum Reading Final in. Hg
~~200011-1015-6-IA~~	~~109986~~	~~119009~~	~~2-18-21~~	~~13:30~~	~~2-19-21~~		~~-30~~	
200011-1015-7-IA	109497	119054	2-18-21	12:30	2-19-21	12:31	-30	0
200011-1019-7-IA	109215	109134	2-18-21	11:30	2-19-21	11:28	-30	-5
200011-1019-9-IA	109995	119005	2-18-21	10:27	2-19-21	10:29	-30	-4
200011-1015/1019-OA	109157	119021	2-18-21	12:20	2-19-21	12:17	-30	0

Sketch (include location of outdoor air sample)



	Wind Direction	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure in. of Hg
Start	W	7	19	49	29.36
End	W	12	18	63	29.19

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.

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Indoor/Outdoor Air Field Sampling Form

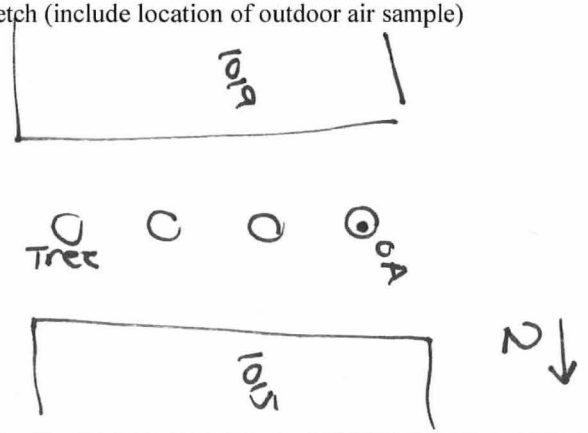
825 N Capitol Avenue
Indianapolis, IN 46204
(317) 972-7870

Project Name: WDNR Donaldson's
Project Number: 200011
Project Address: 110 W Cecil St, Neenah
Client/Contact: J. Borski

Property Address: 1015 S Commercial St, #6 Neenah, WI
OA Sample Location:
Sampler(s): R. Brown

Sample ID	Canister ID	Flow Controller ID	Date Start mm/dd/yy	Time Start hh:mm	Date End mm/dd/yy	Time End hh:mm	Vacuum Reading Initial in. Hg	Vacuum Reading Final in. Hg
200011-1015-6-IA	109972	119701	3-1-21	13:00	3-2-21	13:00	-28	-5
200011-1015/1019-OA	109987	119041	3-1-21	12:50	3-2-21	12:58	-30	0

Sketch (include location of outdoor air sample)



	Wind Direction	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure in. of Hg
Start	WNW	10	27	45	29.36
End	SSW	12	34	61	29.07

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.

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Sub-Slab Vapor Field Sampling Form

825 N Capitol Avenue
Indianapolis, IN 46204
(317) 972-7870

Project Name: WDNR Donaldson's Site
Project Number: 200011
Project Address: 110 W Cecil St, Neenah
Client/Contact: J. Borski

Property Address: 1015/1019 S Commercial St Neenah, WI
Sampler(s): R Brown

Sample ID	Canister ID	Flow Controller ID	Date mm/dd/yy	Time Start hh:mm	Time End hh:mm	Vacuum Reading Initial in. Hg	Vacuum Reading Final in. Hg	Sub-Slab Pressure in H_2O	Negative Pressure Test: Induced -15 in Hg on sample train and pressure held? (yes/no)		Water Dam Test: Water Dam Test passed? (air bubbles not observed or water level did not drop) (yes/no)	
~~200011-1015-6-SSV~~	~~109245~~	~~119753~~							~~yes~~	~~no~~	~~yes~~	~~no~~
200011-1015-7-SSV	119250	119688	2-19-21	12:36	12:41	-30	-4	0.00	yes	no	yes	no
200011-1019-7-SSV	109277	109840	2-19-21	11:34	11:39	-30	-4	0.00	yes	no	yes	no
200011-1019-9-SSV	119730	109918	2-19-21	10:34	10:40	-30	-4	0.00	yes	no	yes	no
									yes	no	yes	no
									yes	no	yes	no

Sketch

Wind Direction	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure in. of Hg
W	12	18	63	29.19

Notes:

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Sub-Slab Vapor Field Sampling Form

825 N Capitol Avenue
Indianapolis, IN 46204
(317) 972-7870

Project Name: WDNR Donaldson's
Project Number: 200011
Project Address: 110 W Cecil St, Neenah
Client/Contact: J. Borski

Property Address: 1015 S Commercial St, # 6 Neenah, WI
Sampler(s): R. Brown

Sample ID	Canister ID	Flow Controller ID	Date mm/dd/yy	Time Start hh:mm	Time End hh:mm	Vacuum Reading Initial in. Hg	Vacuum Reading Final in. Hg	Sub-Slab Pressure in H_2O	Negative Pressure Test: Induced -15 in Hg on sample train and pressure held? (yes/no)		Water Dam Test: Water Dam Test passed? (air bubbles not observed or water level did not drop) (yes/no)	
200011-1015-6-SSV	109228	119733	3-2-21	13:11	13:17	-30	-4	0.00	(yes)	no	(yes)	no
									yes	no	yes	no
									yes	no	yes	no
									yes	no	yes	no
									yes	no	yes	no
									yes	no	yes	no

Sketch

Wind Direction	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure in. of Hg
SSW	12	34	61	29.07

Notes:

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INDOOR AIR BUILDING SURVEY FORM

Date 2-18-21

Site # 200011

Site Name WDNR Donaldson's Site

Address 110 W Cecil St, Neenah, WI

Occupant Information

Owner Name

Occupant Name Wendy Riehl + Timothy Horn

Address 1019 S Commercial St, #9
Neenah, WI

Telephone No (920) 209-1103 Home/Work/Mobile

( ) Home/Work/Mobile

Number and Age of Occupants 2, 45

Does anyone smoke inside the building?

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 ?

How many floors does the building have? 2

Does the building have a (circle) Basement/Crawl space/Slab-on-grade/Other?

Is the basement used as a living/work space area? —

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? No

Is there a wood stove? No Is there a fireplace? No

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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? _____

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	NO			
Floor drain	YES			
Other				
Other				

Sampling Information

Sample Date 2-18-21 / 2-19-21

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 (___) _____

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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

Potential Source/ Trade Name	**Location** (Floor/Room)	**Active/Main Ingredient**	**Picture**	**Removed (Y/N)**

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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*
200011-1019-9-IA	First	kitchen	109995	-30	-4
200011-1019-9-SSV	First	closet	119730	-30	-4

*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)

Vapor phase carbon treatment system? Yes / (No) SSDS? Yes/(No) Other site control measures_____

Weather Conditions during Sampling

Outside temperature (°F) High: 25 Low: 14 Inside temperature (°F) 70

Prevailing wind speed and direction SW / 5mph

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

Significant precipitation (1 inches or more) within 72 hours of the sampling event? No

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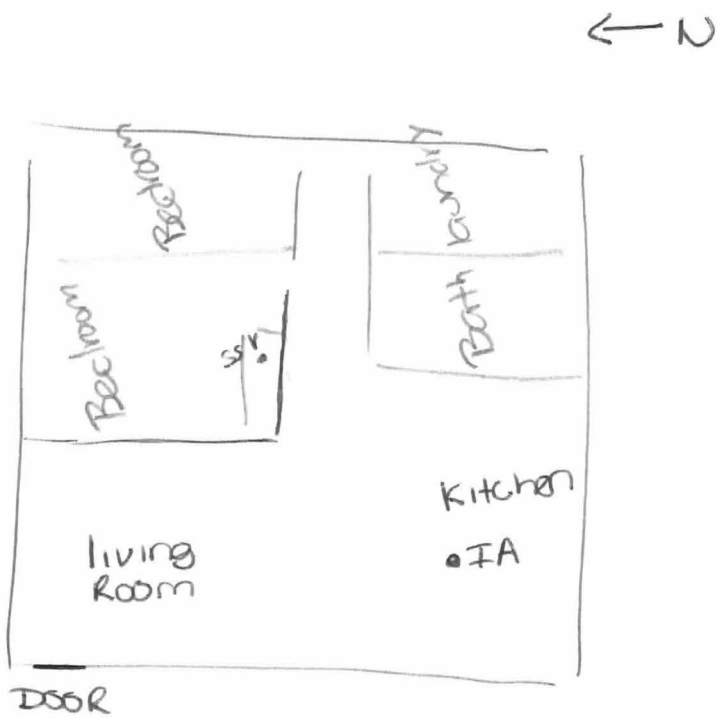
General Comments and Sketch Area

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: _____

Sketch:



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INDOOR AIR BUILDING SURVEY FORM

Date 2-19-21

Site # 200011

Site Name WDNR Donaldson's Site

Address 110 W Cecil St, Neenah, WI

Occupant Information

Owner Name

Occupant Name Jim Kohl

Address 1019 S Commercial St, #7
Neenah, WI

Telephone No (920) 312-8778 Home/Work/Mobile

( ) Home/Work/Mobile

Number and Age of Occupants 1, 75

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 ?

How many floors does the building have? 2

Does the building have a (circle) Basement/Crawl space/Slab-on-grade/Other?

Is the basement used as a living/work space area? —

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? No

Is there a wood stove? No Is there a fireplace? No

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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? _____

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	No			
Floor drain	yes			water heater Closet
Other				
Other				

Sampling Information

Sample Date 2-18-21 / 2-19-21

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) Brian Kappen

Telephone No (____) _____

Laboratory ALS

Telephone No (____) _____

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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

Potential Source/ Trade Name	**Location** (Floor/Room)	**Active/Main Ingredient**	**Picture**	**Removed (Y/N)**

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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*
200011-1019-7-IA	first	kitchen	109215	-30	-5
200011-1019-7-SSV	first	closet	119250	-30	-4

*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)

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

Weather Conditions during Sampling

Outside temperature (°F) High: 25 Low: 14 Inside temperature (°F) 70

Prevailing wind speed and direction SW 15mph

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

Significant precipitation (1 inches or more) within 72 hours of the sampling event? No

ENVIRO forensics

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: _____

Sketch:

ENVIRO forensics

INDOOR AIR BUILDING SURVEY FORM

Date 2-18-21

Site # 200011

Site Name WDNR Donaldson's Site

Address 110 W Cecil St, Neenah, WI

Occupant Information

Owner Name

Occupant Name Christina Huettner

Address 1015 S Commercial St, #7
Neenah, WI

Telephone No (920) 486-0447 Home/Work/Mobile

( ) Home/Work/Mobile

Number and Age of Occupants 2, 1-40's, 1-70's

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 ?

How many floors does the building have? 2

Does the building have a (circle) Basement/Crawl space/Slab-on-grade/Other?

Is the basement used as a living/work space area? –

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? No

Is there a wood stove? No Is there a fireplace? No

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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? _____

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	No			
Floor drain	Yes			
Other				
Other				

Sampling Information

Sample Date 2-18-21 / 2-19-21

Sampler Type Sorbent (SUMMA) Passive (Please circle one)

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

Contact Person (Project Manager) Brian Kapper

Telephone No (___) _____

Laboratory ALS

Telephone No (___) _____

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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

Potential Source/ Trade Name	**Location** (Floor/Room)	**Active/Main Ingredient**	**Picture**	**Removed (Y/N)**

ENVIROforensics

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*
200011-1015-7-IA	first		109497	-30	
200011-1015-7-SSV	//				

*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)

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

Weather Conditions during Sampling

Outside temperature (°F) High: 25 Low: 14 Inside temperature (°F) 70

Prevailing wind speed and direction SW/5mph

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

Significant precipitation (1 inches or more) within 72 hours of the sampling event? No

ENVIRO forensics

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.

N

Comments: _____

_____

_____

_____

_____

_____

Sketch:

ENVIRO forensics

INDOOR AIR BUILDING SURVEY FORM

Date 2-18-2021

Site # 200011

Site Name WDNR Donaldson's site

Address 110 W Cecil St, Neenah, WI

Occupant Information

Owner Name

Occupant Name Ray + Bev Wettstein

Address 1015 S Commercial St, #6
Neenah, WI

Telephone No (920) 358-4027 Home/Work/Mobile

( ) Home/Work/Mobile

Number and Age of Occupants 2, 80

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 ?

How many floors does the building have?

Does the building have a (circle) Basement/Crawl space/Slab-on-grade/Other?

Is the basement used as a living/work space area? —

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? No

Is there a wood stove? NO Is there a fireplace? No

ENVIRO forensics

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? _____

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	No			
Floor drain	yes			
Other				
Other				

Sampling Information

Sample Date 2-18-21 / 2-19-21

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) Brian Kappen

Telephone No (____) _____

Laboratory ALS

Telephone No (____) _____

ENVIRO forensics

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

Potential Source/ Trade Name	**Location** (Floor/Room)	**Active/Main Ingredient**	**Picture**	**Removed (Y/N)**

ENVIROforensics

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*
200911-1015-6-IA	first	living	109972	-28	-5
200911-1015-6-SSV	first	closet	109228	-30	-4
200911-1015/1019-OA	outside	—	109987	-30	0

*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)

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

Weather Conditions during Sampling

Outside temperature (°F) High: 36 Low: 14 Inside temperature (°F) 75

Prevailing wind speed and direction 5, 5mph

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

Significant precipitation (1 inches or more) within 72 hours of the sampling event? No

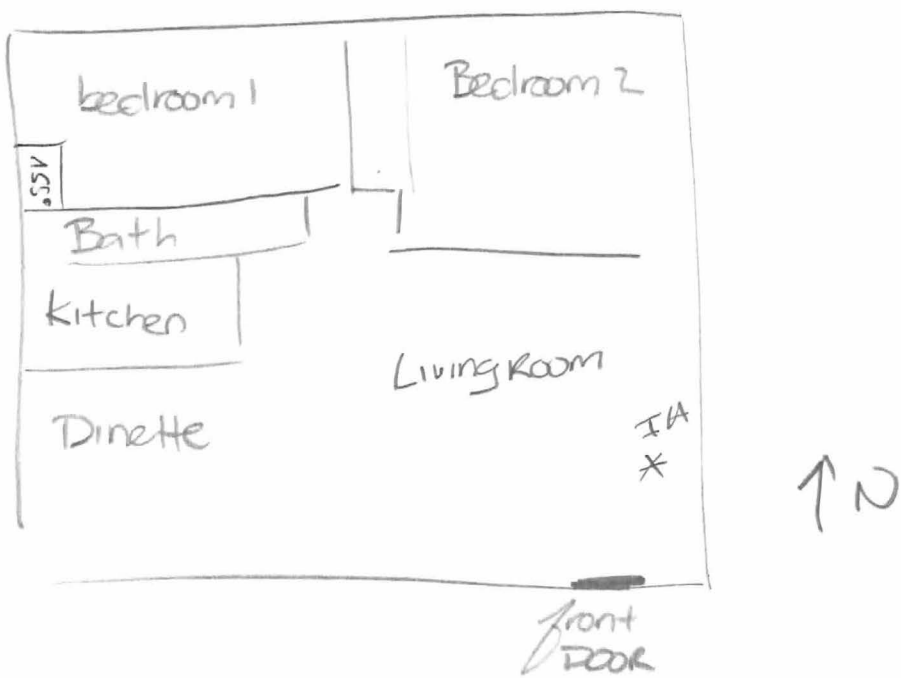
ENVIRO forensics

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: →

Sketch:



ATTACHMENT 2

Laboratory Analytical Reports

05-Mar-2021

Brian Kappen
EnviroForensics
N16W23390 Stone Ridge Dr
Waukesha, WI 53188

Re: **WDNR Former Donaldson's; PN.: 200011** Work Order: **21021055**

Dear Brian,

ALS Environmental received 7 samples on 25-Feb-2021 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 16.

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

Sincerely,

Rob Nieman

Electronically approved by: Danielle Strasinger

Rob Nieman
Project Manager

Report of Laboratory Analysis

ALS Environmental

Date: 05-Mar-21

Client: EnviroForensics
Project: WDNR Former Donaldson's; PN.: 200011
Work Order: **21021055**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21021055-01	200011-1015-7-IA	Air		2/19/2021	2/25/2021 16:40	☐
21021055-02	200011-1019-7-IA	Air		2/19/2021	2/25/2021 16:40	☐
21021055-03	200011-1019-9-IA	Air		2/19/2021	2/25/2021 16:40	☐
21021055-04	200011-1015/1019-OA	Air		2/19/2021	2/25/2021 16:40	☐
21021055-05	200011-1015-7-SSV	Air		2/19/2021	2/25/2021 16:40	☐
21021055-06	200011-1019-7-SSV	Air		2/19/2021	2/25/2021 16:40	☐
21021055-07	200011-1019-9-SSV	Air		2/19/2021	2/25/2021 16:40	☐

Client: EnviroForensics
Project: WDNR Former Donaldson's; PN.: 200011
Work Order: 21021055

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.

ALS Environmental

Date: *05-Mar-21*

Client: EnviroForensics

Project: WDNR Former Donaldson's; PN.: 200011 **Work Order:** 21021055

Sample ID: 200011-1015-7-IA **Lab ID:** 21021055-01

Collection Date: 2/19/2021 **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	3/2/2021 02:45 PM
Tetrachloroethene	ND		0.50	ppbv	1	3/2/2021 02:45 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/2/2021 02:45 PM
Trichloroethene	ND		0.20	ppbv	1	3/2/2021 02:45 PM
Vinyl chloride	ND		0.50	ppbv	1	3/2/2021 02:45 PM
Surr: Bromofluorobenzene	*96.9*		*60-140*	*%REC*	1	3/2/2021 02:45 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 02:45 PM
Tetrachloroethene	ND		3.39	µg/m3	1	3/2/2021 02:45 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 02:45 PM
Trichloroethene	ND		1.07	µg/m3	1	3/2/2021 02:45 PM
Vinyl chloride	ND		1.28	µg/m3	1	3/2/2021 02:45 PM
Surr: Bromofluorobenzene	*96.9*		*60-140*	*%REC*	1	3/2/2021 02:45 PM

Note:

ALS Environmental

Date: *05-Mar-21*

Client: EnviroForensics

Project: WDNR Former Donaldson's; PN.: 200011 **Work Order:** 21021055

Sample ID: 200011-1019-7-IA **Lab ID:** 21021055-02

Collection Date: 2/19/2021 **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	3/2/2021 04:13 PM
Tetrachloroethene	**4.8**		**0.50**	**ppbv**	1	3/2/2021 04:13 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/2/2021 04:13 PM
Trichloroethene	ND		0.20	ppbv	1	3/2/2021 04:13 PM
Vinyl chloride	ND		0.50	ppbv	1	3/2/2021 04:13 PM
Surr: Bromofluorobenzene	*97.1*		*60-140*	*%REC*	1	3/2/2021 04:13 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 04:13 PM
Tetrachloroethene	**32.6**		**3.39**	**µg/m3**	1	3/2/2021 04:13 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 04:13 PM
Trichloroethene	ND		1.07	µg/m3	1	3/2/2021 04:13 PM
Vinyl chloride	ND		1.28	µg/m3	1	3/2/2021 04:13 PM
Surr: Bromofluorobenzene	*97.1*		*60-140*	*%REC*	1	3/2/2021 04:13 PM

Note:

ALS Environmental

Date: *05-Mar-21*

Client: EnviroForensics

Project: WDNR Former Donaldson's; PN.: 200011 **Work Order:** 21021055

Sample ID: 200011-1019-9-IA **Lab ID:** 21021055-03

Collection Date: 2/19/2021 **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	3/2/2021 02:01 PM
Tetrachloroethene	ND		0.50	ppbv	1	3/2/2021 02:01 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/2/2021 02:01 PM
Trichloroethene	ND		0.20	ppbv	1	3/2/2021 02:01 PM
Vinyl chloride	ND		0.50	ppbv	1	3/2/2021 02:01 PM
Surr: Bromofluorobenzene	*98.4*		*60-140*	*%REC*	1	3/2/2021 02:01 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 02:01 PM
Tetrachloroethene	ND		3.39	µg/m3	1	3/2/2021 02:01 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 02:01 PM
Trichloroethene	ND		1.07	µg/m3	1	3/2/2021 02:01 PM
Vinyl chloride	ND		1.28	µg/m3	1	3/2/2021 02:01 PM
Surr: Bromofluorobenzene	*98.4*		*60-140*	*%REC*	1	3/2/2021 02:01 PM

Note:

ALS Environmental

Date: *05-Mar-21*

Client: EnviroForensics

Project: WDNR Former Donaldson's; PN.: 200011 **Work Order:** 21021055

Sample ID: 200011-1015/1019-OA **Lab ID:** 21021055-04

Collection Date: 2/19/2021 **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	3/2/2021 03:29 PM
Tetrachloroethene	ND		0.50	ppbv	1	3/2/2021 03:29 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/2/2021 03:29 PM
Trichloroethene	ND		0.20	ppbv	1	3/2/2021 03:29 PM
Vinyl chloride	ND		0.50	ppbv	1	3/2/2021 03:29 PM
Surr: Bromofluorobenzene	*92.2*		*60-140*	*%REC*	1	3/2/2021 03:29 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 03:29 PM
Tetrachloroethene	ND		3.39	µg/m3	1	3/2/2021 03:29 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 03:29 PM
Trichloroethene	ND		1.07	µg/m3	1	3/2/2021 03:29 PM
Vinyl chloride	ND		1.28	µg/m3	1	3/2/2021 03:29 PM
Surr: Bromofluorobenzene	*92.2*		*60-140*	*%REC*	1	3/2/2021 03:29 PM

Note:

ALS Environmental

Date: *05-Mar-21*

Client: EnviroForensics

Project: WDNR Former Donaldson's; PN.: 200011 **Work Order:** 21021055

Sample ID: 200011-1015-7-SSV **Lab ID:** 21021055-05

Collection Date: 2/19/2021 **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	3/2/2021 04:57 PM
Tetrachloroethene	**0.73**		**0.50**	**ppbv**	1	3/2/2021 04:57 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/2/2021 04:57 PM
Trichloroethene	ND		0.20	ppbv	1	3/2/2021 04:57 PM
Vinyl chloride	ND		0.50	ppbv	1	3/2/2021 04:57 PM
Surr: Bromofluorobenzene	*98.0*		*60-140*	*%REC*	1	3/2/2021 04:57 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 04:57 PM
Tetrachloroethene	**4.95**		**3.39**	**µg/m3**	1	3/2/2021 04:57 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 04:57 PM
Trichloroethene	ND		1.07	µg/m3	1	3/2/2021 04:57 PM
Vinyl chloride	ND		1.28	µg/m3	1	3/2/2021 04:57 PM
Surr: Bromofluorobenzene	*98.0*		*60-140*	*%REC*	1	3/2/2021 04:57 PM

Note:

ALS Environmental

Date: *05-Mar-21*

Client: EnviroForensics

Project: WDNR Former Donaldson's; PN.: 200011 **Work Order:** 21021055

Sample ID: 200011-1019-7-SSV **Lab ID:** 21021055-06

Collection Date: 2/19/2021 **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	3/2/2021 05:42 PM
Tetrachloroethene	**20**		**0.50**	**ppbv**	1	3/2/2021 05:42 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/2/2021 05:42 PM
Trichloroethene	**0.24**		**0.20**	**ppbv**	1	3/2/2021 05:42 PM
Vinyl chloride	ND		0.50	ppbv	1	3/2/2021 05:42 PM
Surr: Bromofluorobenzene	*94.0*		*60-140*	*%REC*	1	3/2/2021 05:42 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 05:42 PM
Tetrachloroethene	**137**		**3.39**	**µg/m3**	1	3/2/2021 05:42 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 05:42 PM
Trichloroethene	**1.29**		**1.07**	**µg/m3**	1	3/2/2021 05:42 PM
Vinyl chloride	ND		1.28	µg/m3	1	3/2/2021 05:42 PM
Surr: Bromofluorobenzene	*94.0*		*60-140*	*%REC*	1	3/2/2021 05:42 PM

Note:

ALS Environmental

Date: *05-Mar-21*

Client: EnviroForensics

Project: WDNR Former Donaldson's; PN.: 200011 **Work Order:** 21021055

Sample ID: 200011-1019-9-SSV **Lab ID:** 21021055-07

Collection Date: 2/19/2021 **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	3/2/2021 06:28 PM
Tetrachloroethene	**5.1**		**0.50**	**ppbv**	1	3/2/2021 06:28 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/2/2021 06:28 PM
Trichloroethene	**0.31**		**0.20**	**ppbv**	1	3/2/2021 06:28 PM
Vinyl chloride	ND		0.50	ppbv	1	3/2/2021 06:28 PM
Surr: Bromofluorobenzene	*96.9*		*60-140*	*%REC*	1	3/2/2021 06:28 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 06:28 PM
Tetrachloroethene	**34.4**		**3.39**	**µg/m3**	1	3/2/2021 06:28 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/2/2021 06:28 PM
Trichloroethene	**1.67**		**1.07**	**µg/m3**	1	3/2/2021 06:28 PM
Vinyl chloride	ND		1.28	µg/m3	1	3/2/2021 06:28 PM
Surr: Bromofluorobenzene	*96.9*		*60-140*	*%REC*	1	3/2/2021 06:28 PM

Note:

Batch ID: **R189252** Instrument ID **VMS4** Method: **ETO-15**

MBLK Sample ID: **MBLK-R189252** Units: **ppbv** Analysis Date: **3/2/2021 01:18 PM**

Client ID: Run ID: **VMS4_210302A** SeqNo: **2407785** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	0.50								
1,1,2,2-Tetrachloroethane	ND	0.50								
1,1,2-Trichloroethane	ND	0.20								
1,1-Dichloroethane	ND	0.50								
1,1-Dichloroethene	ND	0.50								
1,2,4-Trichlorobenzene	ND	0.50								
1,2,4-Trimethylbenzene	ND	0.50								
1,2-Dibromoethane	ND	0.20								
1,2-Dichlorobenzene	ND	0.50								
1,2-Dichloroethane	ND	0.20								
1,2-Dichloropropane	ND	0.50								
1,3,5-Trimethylbenzene	ND	0.50								
1,3-Butadiene	ND	0.20								
1,3-Dichlorobenzene	ND	0.50								
1,4-Dichlorobenzene	ND	0.20								
1,4-Dioxane	ND	1.0								
2-Butanone	ND	1.0								
2-Hexanone	ND	1.0								
2-Propanol	ND	1.0								
4-Ethyltoluene	ND	0.50								
4-Methyl-2-pentanone	ND	1.0								
Acetone	ND	1.0								
Benzene	ND	0.50								
Benzyl chloride	ND	1.0								
Bromodichloromethane	ND	0.20								
Bromoform	ND	0.50								
Bromomethane	ND	0.50								
Carbon disulfide	ND	0.50								
Carbon tetrachloride	ND	0.50								
Chlorobenzene	ND	0.50								
Chloroethane	ND	0.50								
Chloroform	ND	0.20								
Chloromethane	ND	0.50								
cis-1,2-Dichloroethene	ND	0.50								
cis-1,3-Dichloropropene	ND	0.50								
Cumene	ND	0.50								
Cyclohexane	ND	0.50								
Dibromochloromethane	ND	0.50								
Dichlorodifluoromethane	ND	0.50								
Ethyl acetate	ND	0.50								
Ethylbenzene	ND	0.50								

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

QC BATCH REPORT

Batch ID: **R189252** Instrument ID **VMS4** Method: **ETO-15**

Freon 113	ND	0.50					
Freon 114	ND	0.50					
Heptane	ND	0.50					
Hexachlorobutadiene	ND	0.20					
Hexane	ND	0.50					
m,p-Xylene	ND	0.50					
Methylene chloride	ND	2.0					
MTBE	ND	0.50					
Naphthalene	ND	0.20					
o-Xylene	ND	0.50					
Propene	ND	0.50					
Styrene	ND	0.50					
Tetrachloroethene	ND	0.50					
Tetrahydrofuran	ND	0.50					
Toluene	ND	0.50					
trans-1,2-Dichloroethene	ND	0.50					
trans-1,3-Dichloropropene	ND	0.50					
Trichloroethene	ND	0.20					
Trichlorofluoromethane	ND	0.50					
Vinyl acetate	ND	0.50					
Vinyl chloride	ND	0.50					
Surr: Bromofluorobenzene	*9.27*	0	*10*	0	*92.7*	*60-140*	0

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

Client: EnviroForensics
Work Order: 21021055
Project: WDNR Former Donaldson's; PN.: 200011

QC BATCH REPORT

Batch ID: **R189252** Instrument ID **VMS4** Method: **ETO-15**

LCS Sample ID: **LCS-R189252** Units: **ppbv** Analysis Date: **3/2/2021 12:35 PM**

Client ID: Run ID: **VMS4_210302A** SeqNo: **2407784** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	8.93	0.50	10	0	89.3	58.8-163	0			
1,1,2,2-Tetrachloroethane	10.38	0.50	10	0	104	60-140	0			
1,1,2-Trichloroethane	10.42	0.20	10	0	104	60-140	0			
1,1-Dichloroethane	8.97	0.50	10	0	89.7	60-140	0			
1,1-Dichloroethene	9.15	0.50	10	0	91.5	60-140	0			
1,2,4-Trichlorobenzene	8.06	0.50	10	0	80.6	49.3-150	0			
1,2,4-Trimethylbenzene	9.97	0.50	10	0	99.7	50.1-162	0			
1,2-Dibromoethane	10.39	0.20	10	0	104	60-140	0			
1,2-Dichlorobenzene	9.77	0.50	10	0	97.7	41.9-141	0			
1,2-Dichloroethane	8.38	0.20	10	0	83.8	60-140	0			
1,2-Dichloropropane	9.68	0.50	10	0	96.8	60-140	0			
1,3,5-Trimethylbenzene	9.84	0.50	10	0	98.4	60-140	0			
1,3-Butadiene	11.44	0.20	10	0	114	50.6-140	0			
1,3-Dichlorobenzene	10.03	0.50	10	0	100	60-140	0			
1,4-Dichlorobenzene	9.69	0.20	10	0	96.9	55.1-145	0			
1,4-Dioxane	8.76	1.0	10	0	87.6	60-140	0			
2-Butanone	10.14	1.0	10	0	101	60-140	0			
2-Hexanone	10.33	1.0	10	0	103	56.2-162	0			
2-Propanol	9.47	1.0	10	0	94.7	60-140	0			
4-Ethyltoluene	10.21	0.50	10	0	102	60-140	0			
4-Methyl-2-pentanone	10.27	1.0	10	0	103	60-140	0			
Acetone	9.83	1.0	10	0	98.3	60-140	0			
Benzene	9.95	0.50	10	0	99.5	60-140	0			
Benzyl chloride	8.71	1.0	10	0	87.1	31.9-174	0			
Bromodichloromethane	10.1	0.20	10	0	101	60-140	0			
Bromoform	10.01	0.50	10	0	100	60-140	0			
Bromomethane	10.13	0.50	10	0	101	60-140	0			
Carbon disulfide	10.18	0.50	10	0	102	60-140	0			
Carbon tetrachloride	8.76	0.50	10	0	87.6	60-140	0			
Chlorobenzene	9.62	0.50	10	0	96.2	60-140	0			
Chloroethane	9.99	0.50	10	0	99.9	60-140	0			
Chloroform	9.49	0.20	10	0	94.9	60-140	0			
Chloromethane	9.59	0.50	10	0	95.9	60-140	0			
cis-1,2-Dichloroethene	9.54	0.50	10	0	95.4	60-140	0			
cis-1,3-Dichloropropene	10.22	0.50	10	0	102	60-140	0			
Cumene	10.03	0.50	10	0	100	60-140	0			
Cyclohexane	9.61	0.50	10	0	96.1	60-140	0			
Dibromochloromethane	10.55	0.50	10	0	106	60-140	0			
Dichlorodifluoromethane	9.75	0.50	10	0	97.5	60-140	0			
Ethyl acetate	9.65	0.50	10	0	96.5	60-140	0			
Ethylbenzene	9.79	0.50	10	0	97.9	60-140	0			
Freon 113	10.09	0.50	10	0	101	60-140	0			

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

Client: EnviroForensics
Work Order: 21021055
Project: WDNR Former Donaldson's; PN.: 200011

QC BATCH REPORT

Batch ID: **R189252** Instrument ID **VMS4** Method: **ETO-15**

Freon 114	10.43	0.50	10	0	104	60-140	0
Heptane	9.56	0.50	10	0	95.6	60-140	0
Hexachlorobutadiene	8.67	0.20	10	0	86.7	60-140	0
Hexane	8.74	0.50	10	0	87.4	60-140	0
m,p-Xylene	20.66	0.50	20	0	103	60-140	0
Methylene chloride	8.18	2.0	10	0	81.8	60-140	0
MTBE	9.59	0.50	10	0	95.9	60.8-151	0
Naphthalene	8.61	0.20	10	0	86.1	53.1-152	0
o-Xylene	10.22	0.50	10	0	102	60-140	0
Propene	9.91	0.50	10	0	99.1	34.4-139	0
Styrene	10.93	0.50	10	0	109	60-140	0
Tetrachloroethene	10.74	0.50	10	0	107	60-140	0
Tetrahydrofuran	9.84	0.50	10	0	98.4	60-140	0
Toluene	10.12	0.50	10	0	101	60-140	0
trans-1,2-Dichloroethene	9.67	0.50	10	0	96.7	60-140	0
trans-1,3-Dichloropropene	9.66	0.50	10	0	96.6	60-140	0
Trichloroethene	10.27	0.20	10	0	103	60-140	0
Trichlorofluoromethane	13.26	0.50	10	0	133	60-140	0
Vinyl acetate	9.29	0.50	10	0	92.9	48.4-145	0
Vinyl chloride	12.28	0.50	10	0	123	60-140	0
Surr: Bromofluorobenzene	*9.81*	0	*10*	0	*98.1*	*60-140*	0

The following samples were analyzed in this batch:

21021055-01A	21021055-02A	21021055-03A
21021055-04A	21021055-05A	21021055-06A
21021055-07A		

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

Client: EnviroForensics
Project: WDNR Former Donaldson's; PN.: 200011
WorkOrder: **21021055**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	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

Acronym	Description
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 Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/m3	
ppbv	

ALS Environmental

Sample Receipt Checklist

Client Name: **ENVIROFORENSICS-WAKESHA** Date/Time Received: **25-Feb-21 16:40**

Work Order: **21021055** Received by: **RDN**

Checklist completed by Jan Wilcox (eSignature) 26-Feb-21 (Date) Reviewed by: Rob Nieman (eSignature) 01-Mar-21 (Date)

Matrices: air

Carrier name: FedEx

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

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

Air Canister - Chain of Custody Record / Analytical Service Request

Page 1 of 2 1RB

21021055

03310

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

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 W16w23390 Stone Ridge Dr, Ste G Waukesha, WI 53188

Project Name: WDNR Former Donaldson's

Project Number: 200011

Project Manager: Brian Kappen

P.O. # / Billing Information: 2021-0092 accountspayable@enviroforensics.com

Phone: 262-290-4001 Fax:

Email Address for Result Reporting: bkappen@enviroforensics.com

Sampler (Print & Sign): R. Brown RR

OH VAP: ○ Yes ○ No
OH BUSTR: ○ Yes ○ No

Analysis Method

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	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)
~~200011-1015-6-IA~~		~~2-19-21~~		~~109986~~	~~119009~~	~~-30~~	~~RB~~		X	IA	
200011-1015-7-IA	01	2-19-21	12:31	109497	119054	-30	0			IA	
200011-1019-7-IA	02		11:28	109215	109134	-30	-5			IA	
200011-1019-9-IA	03		10:29	109195	119005	-30	-4			IA	
200011-1015/1019-0A	04		12:17	109157	119021	-30	0			AA	
~~200011-1015-6-SSV~~							~~RB~~				
200011-1015-7-SSV	05		12:41	119250	119688	-30	-4			SS	
200011-1019-7-SSV	06		11:39	109227	109840	-30	-4			SS	
200011-1019-9-SSV	07		10:40	119730	109918	-30	-4			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)	Date:	Time:	Received by: (Signature)	Date:	Time:
RR	2-22-21	16:30	FedEx	2-22-21	16:30
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
				2/25/21	16:40

Cooler / Blank Temperature ___°C

22-Mar-2021

Brian Kappen
EnviroForensics
N16W23390 Stone Ridge Dr
Waukesha, WI 53188

Re: **WDNR Former Donaldson's; 200011** Work Order: **21030556**

Dear Brian,

ALS Environmental received 3 samples on 08-Mar-2021 03:57 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 10.

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

Sincerely,

Rob Nieman

Electronically approved by: Rob Nieman

Rob Nieman
Project Manager

Report of Laboratory Analysis

ALS Environmental

Date: 22-Mar-21

Client: EnviroForensics
Project: WDNR Former Donaldson's; 200011
Work Order: **21030556**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
21030556-01	200011-1015-6-IA	Air		3/2/2021	3/8/2021 15:57	☐
21030556-02	200011-1015/1019-OA	Air		3/2/2021	3/8/2021 15:57	☐
21030556-03	200011-1015-6-SSV	Air		3/2/2021	3/8/2021 15:57	☐

ALS Environmental

Date: 22-Mar-21

Client: EnviroForensics
Project: WDNR Former Donaldson's; 200011
Work Order: 21030556

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.

ALS Environmental

Date: *22-Mar-21*

Client: EnviroForensics
Project: WDNR Former Donaldson's; 200011
Work Order: 21030556
Sample ID: 200011-1015-6-IA
Lab ID: 21030556-01
Collection Date: 3/2/2021
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	3/15/2021 01:00 PM
Tetrachloroethene	ND		0.50	ppbv	1	3/15/2021 01:00 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/15/2021 01:00 PM
Trichloroethene	ND		0.20	ppbv	1	3/15/2021 01:00 PM
Vinyl chloride	ND		0.50	ppbv	1	3/15/2021 01:00 PM
Surr: Bromofluorobenzene	*103*		*60-140*	*%REC*	1	3/15/2021 01:00 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/15/2021 01:00 PM
Tetrachloroethene	ND		3.39	µg/m3	1	3/15/2021 01:00 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/15/2021 01:00 PM
Trichloroethene	ND		1.07	µg/m3	1	3/15/2021 01:00 PM
Vinyl chloride	ND		1.28	µg/m3	1	3/15/2021 01:00 PM
Surr: Bromofluorobenzene	*103*		*60-140*	*%REC*	1	3/15/2021 01:00 PM

Note:

ALS Environmental

Date: *22-Mar-21*

Client: EnviroForensics
Project: WDNR Former Donaldson's; 200011
Work Order: 21030556
Sample ID: 200011-1015/1019-OA
Lab ID: 21030556-02
Collection Date: 3/2/2021
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	3/15/2021 01:43 PM
Tetrachloroethene	ND		0.50	ppbv	1	3/15/2021 01:43 PM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/15/2021 01:43 PM
Trichloroethene	ND		0.20	ppbv	1	3/15/2021 01:43 PM
Vinyl chloride	ND		0.50	ppbv	1	3/15/2021 01:43 PM
Surr: Bromofluorobenzene	*99.0*		*60-140*	*%REC*	1	3/15/2021 01:43 PM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/15/2021 01:43 PM
Tetrachloroethene	ND		3.39	µg/m3	1	3/15/2021 01:43 PM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/15/2021 01:43 PM
Trichloroethene	ND		1.07	µg/m3	1	3/15/2021 01:43 PM
Vinyl chloride	ND		1.28	µg/m3	1	3/15/2021 01:43 PM
Surr: Bromofluorobenzene	*99.0*		*60-140*	*%REC*	1	3/15/2021 01:43 PM

Note:

ALS Environmental

Date: *22-Mar-21*

Client: EnviroForensics
Project: WDNR Former Donaldson's; 200011
Work Order: 21030556
Sample ID: 200011-1015-6-SSV
Lab ID: 21030556-03
Collection Date: 3/2/2021
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	3/16/2021 10:13 AM
Tetrachloroethene	**23**		**0.50**	**ppbv**	1	3/16/2021 10:13 AM
trans-1,2-Dichloroethene	ND		0.50	ppbv	1	3/16/2021 10:13 AM
Trichloroethene	**0.76**		**0.20**	**ppbv**	1	3/16/2021 10:13 AM
Vinyl chloride	ND		0.50	ppbv	1	3/16/2021 10:13 AM
Surr: Bromofluorobenzene	*96.5*		*60-140*	*%REC*	1	3/16/2021 10:13 AM
TO-15 BY GC/MS			**ETO-15**			Analyst: **MRJ**
cis-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/16/2021 10:13 AM
Tetrachloroethene	**154**		**3.39**	**µg/m3**	1	3/16/2021 10:13 AM
trans-1,2-Dichloroethene	ND		1.98	µg/m3	1	3/16/2021 10:13 AM
Trichloroethene	**4.08**		**1.07**	**µg/m3**	1	3/16/2021 10:13 AM
Vinyl chloride	ND		1.28	µg/m3	1	3/16/2021 10:13 AM
Surr: Bromofluorobenzene	*96.5*		*60-140*	*%REC*	1	3/16/2021 10:13 AM

Note:

ALS Environmental

Date: 22-Mar-21

Client: EnviroForensics

QC BATCH REPORT

Work Order: 21030556

Project: WDNR Former Donaldson's; 200011

Batch ID: **R189753** Instrument ID: **VMS4** Method: **ETO-15**

MBLK Sample ID: **MBLK-R189753** Units: **ppbv** Analysis Date: **3/15/2021 12:16 PM**

Client ID: Run ID: **VMS4_210315A** SeqNo: **2417159** 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								
Surr: Bromofluorobenzene	*9.61*	0	*10*	0	*96.1*	*60-140*	0			

LCS Sample ID: **LCS-R189753** Units: **ppbv** Analysis Date: **3/15/2021 11:34 AM**

Client ID: Run ID: **VMS4_210315A** SeqNo: **2417158** 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	9.95	0.50	10	0	99.5	60-140	0			
Tetrachloroethene	9.63	0.50	10	0	96.3	60-140	0			
trans-1,2-Dichloroethene	9.31	0.50	10	0	93.1	60-140	0			
Trichloroethene	9.37	0.20	10	0	93.7	60-140	0			
Vinyl chloride	8.43	0.50	10	0	84.3	60-140	0			
Surr: Bromofluorobenzene	*9.94*	0	*10*	0	*99.4*	*60-140*	0			

The following samples were analyzed in this batch: 21030556-01A 21030556-02A 21030556-03A

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

ALS Environmental

Date: 22-Mar-21

Client: EnviroForensics
Project: WDNR Former Donaldson's; 200011
WorkOrder: **21030556**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	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

Acronym	Description
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 Quantitaion Limit
SDL	Sample Detection Limit
SW	SW-846 Method

Units Reported	Description
µg/m3	
ppbv	

ALS Environmental

Sample Receipt Checklist

Client Name: **ENVIROFORENSICS-WAKESH** Date/Time Received: **08-Mar-21 15:57**

Work Order: **21030556** Received by: **SNH**

Checklist completed by: Danielle Strasinger (eSignature) 09-Mar-21 (Date) Reviewed by: Rob Nieman (eSignature) 10-Mar-21 (Date)

Matrices:

Carrier name: FedEx

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

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

Air Canister - Chain of Custody Record / Analytical Service Request

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210305556

03331

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

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.

OH VAP: ○ Yes ○ No
OH BUSTR: ○ Yes ○ No

Company Name & Address (Reporting Information)	Project Name	Analysis Method	Comments / Specific Instructions (ie: water or pressure issues)
Enviroforensics N16W23390 Stone Ridge DR, Suite G Waukesha, WI 53188	WDNR Former Donaldson's	TO15 VOCs	
Project Manager: Brian Kappen	Project Number: 200011	Type: SS = SubSlab, IA = Indoor Air, SG = Soil Gas, O = Other, AA = Ambient Air, SVE = Soil Vapor Extract	
Phone: 262-290-4001 Fax:	P.O. # / Billing Information: PO: 2021-0092 accountsPayable@enviroforensics.com		
Email Address for Result Reporting: bkappen@enviroforensics.com	Sampler (Print & Sign): R. Brown RR		

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	TO15 VOCs	Type	Comments
200011-1015-6-IA		3-2-21	1300	109972	119701	-28	-5		X	IA	
200011-1015/1019-OA		3-2-21	1258	109987	119041	-30	Ø		X	AA	
200011-1015-6-SSV		3-2-21	1317	109228	119733	-30	-4		X	SS	

There will be additional charges for damaged equipment

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

Project Requirements (MRLs, QAPP): fedex

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
RR	3-4-21	12:00	FedEx	3-4-21	1200
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
				3/8/21	1557

Cooler / Blank Temperature ____ °C