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July 24, 2013

Ms. Jennifer Borski
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
625 East County Road Y, Suite 700
Oshkosh, WI 54901-9731

RE: Vapor Intrusion Investigation Results
Donaldson's One Hour Cleaners
110 West Cecil Street, Neenah, Wisconsin
BRRTS #02-71-110797

Dear Ms. Borski:

On behalf of H&J Investments, Robert E. Lee & Associates, Inc. (REL) has completed a vapor intrusion (VI) investigation for a chlorinated volatile organic compound (CVOC) release identified at Donaldson's One Hour Cleaners, 110 West Cecil Street, Neenah, Wisconsin (the Site). This letter report presents the site location and description, methodologies and results of the VI investigative activities completed by REL, and provides conclusions/recommendations.

SITE LOCATION AND DESCRIPTION

The Site currently a dry cleaner (a dry store), which is located within a mini-mall owned by H&J Investments. Dry cleaning processes at the Site ceased during early 2012. The mini-mall is also occupied by The Village Clippers (a hair salon) and All Sport Trophy & Engraving (a trophy shop). The Site is located in the northeast quarter of the northeast quarter of Section 33, Township 20 North, Range 17 East in the City of Neenah, Winnebago County, Wisconsin. The Wisconsin Transverse Mercater coordinates for the Site are 642678, 411981.

The Site is located in a mixed commercial and residential area. West Cecil Street borders the Site to the north followed by primarily residential property and a gasoline station, which is located at the northwest corner of West Cecil and South Commercial Street. Cranky Pat's Pizzeria & Pub is located immediately east and Cranky Pat's Frozen Pizza Factory is located immediately southeast of the Site, followed by South Commercial Street and a vacant lot former occupied by Gunderson Cleaners (BRRTS #02-71-108446). A residential area is located west of the Site. A building formerly occupied by a NAPA auto parts store and machine shop and currently occupied by Fastenal, a fastener/parts store, is located south of the Site, followed by Curtis Avenue. A layout of the Site and surrounding area is shown in Figure 1.

CVOC contamination was identified at the Site during completion of a Phase II Environmental Site Assessment in 1995. Investigation and remediation of the CVOC release was initiated in 1999 upon establishment of the Dry Cleaner Environmental Response Fund (DERF). Various investigation and remediation activities have been conducted at the Site. Investigative and remedial activities include the installation of multiple soil borings, monitoring wells and piezometers, excavation of accessible source area soil, operation of a groundwater pump and treat system and soil vapor extraction (SVE) system, collection of multiple rounds of groundwater samples, and previous sub-slab vapor sampling at 109 West Cecil Street (Julius residence).

In accordance with WDNR's December 2012 guidance for *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin,* the WDNR required additional investigation of the vapor intrusion pathway at the Site. In electronic email correspondence to REL on October 8, 2012, the WDNR provided a minimum scope of work for the vapor intrusion investigation. Subsequently, REL submitted a *Vapor Intrusion Investigation Workplan* to evaluate potential vapor intrusion impacts to buildings nearest the source area of the Site and a proposed cost estimate (dated March 15, 2013) to the WDNR. On May 13, 2013, the WDNR approved the workplan and the cost.

FIELD METHODOLOGIES

Building Background Conditions Screening

Prior to collecting samples, REL obtained access to the following four commercial properties for the vapor intrusion investigation:

- 110 West Cecil Street (the Site), which is occupied by one building that houses Donaldson's One Hour Cleaners, The Village Clippers, and All Sport Trophy & Engraving
- 109 Curtis Avenue, which is occupied by one building that houses Fastenal
- 905 S. Commercial Street, which is occupied by one building that houses Cranky Pat's Pizzeria & Pub
- 911 S. Commercial Street, which is occupied by one building that houses Cranky Pat's Frozen Pizza Factory

REL conducted a survey of each building to obtain information on the building construction and interior layout; and to identify and inventory materials that could potentially contribute to indoor air conditions, unrelated to VI. Many common items that may affect the quality of indoor air in buildings, such as commercially available cleaners and degreasers, small quantities of small engine fuel, furniture polish, cigarette smoke, etc., were noted during the surveys. In addition, a visual inspection of pre-determined approximate sample locations was performed to locate potential vapor migration conduits such as sewer laterals and floor drains prior to final placement of sub-slab vapor sampling ports. The building surveys were conducted on May 31, 2013 and the surveys of Cranky Pat's Pizzeria & Pub and Cranky Pat's Frozen Pizza Factory were performed on June 11, 2013.

A person with knowledge of the daily operations in each building was interviewed regarding entry and access to the spaces where sampling will take place and whether these spaces will be subject to foot traffic or any other degree of occupation. The layout of the building interior areas was examined and a simple sketch was prepared in the field to assist in the selection of indoor air and vapor sampling locations. The configuration of the structure's heating ventilation and air conditioning (HVAC) system was also assessed to gather information pertaining to air circulation and exchange conditions in the space. A visual inspection was conducted for cracks or other penetration of the concrete floor (i.e., floor drains, sumps, etc.) that could be direct conduits for impacted vapors to migrate into the occupied space.

After completion of the building surveys, REL corresponded verbally with the WDNR to select the preferred sub-slab vapor and indoor air sample locations for each building. With the exception of the selected sample location within the restaurant dining room of Cranky Pat's Pizzeria & Pub, the samples were placed in the areas of each building as discussed with the WDNR. The sample location within the restaurant dining room was moved because the property owner restricted drilling through the dining room floor to one location allowed behind the bar, which was located on the south exterior wall of the building near the central part of the wall. Subsequently, this was the location that sub-slab sample (SSV-6) was placed. The paired indoor air sample (IA-6) was collected approximately 10–15 feet from the sub-slab location, on the north side of the bar. The canister was placed on a dining room table.

Summary of Vapor Intrusion Investigation Activities

On June 11, 12 and 17, 2013, REL mobilized to the Site and performed the VI investigation sampling activities in accordance with the methodologies presented in the *Vapor Intrusion Investigation Workplan,* dated March 15, 2013 and the *Amendment to the Vapor Intrusion Workplan,* dated May 13, 2013. The actual number of samples collected from each building was later determined after the building surveys were completed and the details on the building construction and layouts were conveyed verbally to the WDNR.

Sampling included the collection of eight sub-slab vapor samples, eight indoor air samples, and five outdoor air samples. Seven of the sub-slab vapor and indoor air samples were paired. A summary of all samples, locations, and dates collected are detailed in Table 1. Sample locations are shown in Figure 1. Further detail on the sample locations in relation to the layout of the buildings is shown on the sampling field forms included in Attachment A. Photographs taken at each sample location after or during sample collection are included in Attachment B.

Indoor and Outdoor Air Sampling

Indoor air samples were collected in conjunction with sub-slab vapor sampling to determine if airborne contaminants within the buildings are present at concentrations in excess of health protective levels. Indoor air samples were collected prior to installation of the sub-slab soil Vapor Pins™ in order to prevent escape of vapor through the sub-slab ports, which could skew the indoor air sampling results. In accordance with concurrence from the WDNR, eight indoor air samples (IA-1, IA-2, and IA-4 through IA-9) were collected from within the four buildings at the locations shown on Figure 1 and in photographs included as Attachment B. The samples

were collected from the breathing zone, approximately 3 - 5 feet above floor level. In addition, five outdoor (ambient) air samples (OA-1 through OA-5) were collected from upwind of the prevailing wind direction on the day of indoor air sampling. If there was not a prevailing wind, the outdoor samples were collected from within the alley area where the Donaldson's One Hour Cleaners building converges with Fastenal, Cranky Pat's Pizzeria and Pub, and Cranky Pat's Frozen Pizza Factory building corners. Canisters for samples OA-2 through OA-5 were placed beneath a canopy during sample collection due to potential rain. Wind direction on each day of sampling is recorded on the sampling field forms. The outdoor air sample locations are shown in Figure 1 and in photographs included as Attachment B.

All air samples were collected over an 8-hour period using a 6-L Summa™ canister that is individually-certified clean and calibrated regulators supplied by the laboratory for quality assurance. Weather data including, temperature, wind speed, wind direction, humidity, barometric pressure, and rainfall, were assessed from the nearest weather station through the 8-hour sampling period. Samples were collected so as to maintain a minimal residual pressure in the Summa™ canister of -2 to -5 inches of Hg. Also, initial and final pressure readings were collected from the Summa™ canisters. This information was recorded on the sampling field forms included in Attachment A and the laboratory chain-of-custody forms included in Attachment C.

Following sampling activities, the indoor and outdoor air samples were submitted to Pace Analytical Services, Inc. of Minneapolis, Minnesota (Pace) under appropriate chain-of-custody procedures for analysis of cis-1,2-dichloroethlene (cis-1,2-DCE), trans-1,2- dichloroethene (trans-1,2-DCE), tetrachloroethene (PCE), tricloroethene (TCE), and vinyl chloride using US EPA Method TO-15.

Sub-Slab Vapor Port Installation

Following the collection of indoor air samples, eight sub-slab soil Vapor Pins™ were installed at each sub-slab sampling location for the collection of vapor samples (SSV-1 through SSV-6, SSV-8, and SSV-9). The Vapor Pins™ were installed just below the surface of the slab by first drilling a 1½-inch diameter hole to approximately 1½-inches below the surface of the concrete. Then a 5/8-inch diameter hole was drilled through the concrete slab using an electric impact drill. A shop vac with a HEPA filter was used during drilling to remove concrete dust produced during the process. Vapor Pin™ sub-slab vapor sampling ports, constructed with a silicon sleeve to provide a mechanical seal between the sample port and the slab, were installed using a dead blow hammer. The probes were capped during installation until sampling is initiated. Upon completion of vapor sampling, with the exception of one Vapor Pin™, all the Vapor Pins™ were capped with either a stainless steel or a standard plastic flushmount cover and remain in place in the buildings. Vapor Pin™ for sample SSV-8, (located in the basement of Cranky Pat's Pizzeria and Pub) was removed immediately following sampling and plugged with hydraulic concrete due to the close proximity to the groundwater table at the Site.

Sub-Slab Quality Control Methods

Prior to collection of the sub-slab vapor samples, each Vapor Pin ™ was tested for leaks and purged to ensure that the vapor samples are representative of subsurface vapor conditions. The leak testing included a leak-check of the sample point and a "shut-in" test of the sample train. Leak testing was performed in general accordance with methods presented in REL's *Standard Operating Procedure 11: Sub-Slab Vapor Sample Collection*, which was provided along with the VI workplan for the Site.

Purging of the sample point and the leak test were performed simultaneously. As part of the leak-check of the sample point, a shroud was installed over the Vapor Pin™ and helium was used as a tracer gas during purging to identify potential leaks at the interface between the Vapor Pin™ and concrete floor. Helium was introduced to the inside of the shroud to a concentration of at least 20% to 50% as measured by a helium meter. No detections of helium were observed during the quality control checks at each sampling port, indicating that no leaks were present within the installed sample port. Purged air was also field-screened for organic vapors using a photoionization detector (PID). Field-screening of the purged air at each sample port did not produced PID readings of greater than 1 part per million (ppm). The concentrations are recorded on the field sampling forms included in Attachment A.

Following successful completion of the helium leak test, the integrity of the sample tubing and fittings (i.e., sample train) was tested by conducting a "shut-in" test. All valves on the sampling train, except the one leading to the vacuum pump were closed. A negative pressure ranging from 20 to 25 inches of mercury (Hg) was induced on the sampling train with a vacuum pump and held for approximately 1 minute while the gauge was visually monitored. No pressure drops were noted during the negative pressure testing, indicating no leaks were present in the sample trains prior to the collection of vapor samples. Quality assurance/quality control (QA/QC) results were recorded on the field sampling forms included in Attachment A.

Sub-Slab Vapor Sampling

A total of eight sub-slab vapor samples (SSV-1 through SSV-6, SSV-8, and SSV-9) were collected from within the four buildings at the locations shown on Figure 1 and as described on Table 1. A vacuum pump was utilized to extract approximately 3 tubing volumes of ambient air from the tubing prior to initiating sample collection. Following purging, sub-slab vapors at each point were drawn from the end of HDPE tubing (which was also connected to the Vapor Pin™) into a 6-liter capacity Summa™ canister fitted with laboratory supplied regulators that allow a flow rate of 200 milliliters per minute producing an approximate 30 minute sample time.

The laboratory provided the Summa™ canisters, flow controllers, and vacuum gauges, all labeled with unique numbers and with instructions for proper assembly in the field. The unique number of each canister, flow controller and vacuum gauge were recorded on the field data sheets for each sample collected. Canisters, flow controllers and vacuum gauges were used for only one sample.

All Summa™ canisters were individually-certified initially by the laboratory for quality assurance purposes. Initial vacuums of the Summa™ canisters, as measured at the laboratory, measured between -24 and -30 inches Hg. At the conclusion of the sampling interval, at least -2 to -5 inches Hg of vacuum was left to confirm that there is no leakage within the canister during the transit back to the laboratory. REL personnel recorded sample identification (ID) name, initial and final vacuum gauge numbers, initial and final sampling times, canister and flow controller serial numbers, and other pertinent information on the field data sheets and laboratory chain-of-custody forms.

The vapor samples were submitted under appropriate chain-of-custody protocol to Pace for analysis of cis-1,2-DCE, trans-1,2-DCE, PCE, TCE, and vinyl chloride using US EPA Method TO-15.

APPLICABLE ACTION LEVEL CRITERIA

The WDNR guidance document PUB-RR-800 for *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin,* establishes action levels and risk screening levels for indoor air, sub-slab vapor, and soil gas vapor quality in residential and non-residential settings (which have been adopted from the US EPA).

The sub-slab vapor and indoor air sample laboratory analytical results have been compared the established vapor risk screening levels (VRSL) for individual compounds for sub-slab vapor samples and the vapor action levels (VAL) for individual compounds for indoor air samples. The VRSLs and VALs have been established based on residential and non-residential land use. The present land use at the Site and on the properties evaluated for VI are used commercially; therefore, the VRSLs and VALs established for non-residential properties will be used as the applicable criteria.

When sub-slab vapor or indoor air sample concentrations exceed a VRSL or a VAL, respectively, all lines of evidence will be evaluated to determine the likely source of the contamination, such as pathways for vapor movement and the effect on receptors. If after assessing the lines of evidence, it is determined that vapor intrusion poses a threat to building occupants action will be taken to address the source of the hazardous substance discharge in accordance with ss. 292,11(3), Wisconsin Stats. This may require remediating, to the extent practical, the source of the contamination in order to address long-term risk and interrupting the vapor intrusion pathway to address near-term and protect receptors.

VAPOR INTRUSION INVESTIGATION RESULTS

Indoor Air Sampling

Concentrations of PCE, TCE, and trans-1,2 DCE were detected in the indoor air samples. Most notably, TCE was detected above the non-residential VAL in sample IA-2 collected from The Village Clippers space of the Site Building. However, since concentrations of TCE were not detected in paired sub-slab vapor sample SSV-2, the source of the TCE in the indoor air sample may be attributed to another source other than vapor intrusion from the sub-slab at that location.

In addition, a low level concentration of TCE was also detected in outdoor air sample OA-1 this day.

A combination of PCE, TCE and trans-1,2 DCE were detected in indoor air samples IA-1, IA-2, IA-4, IA-5, IA-7, and IA-8 collected from within the Site building (All Sport Trophy & Engraving and The Village Clippers), Fastenal, and the basement of Cranky Pat's Pizzeria & Pub; however, the concentrations were below the VALs for non-residential settings.

CVOCs were not detected in indoor air samples IA-6 and IA-9, collected from within the dining room of Cranky Pat's Pizzeria & Pub and Cranky Pat's Frozen Pizza Factory, respectively. The indoor air analytical results are summarized on Table 1. The laboratory analytical reports are included in Attachment C.

Outdoor Air Sampling

Low levels of PCE and TCE were detected in the outdoor air samples (OA-1, OA-3, and OA-5) collected on each day. Most notably, PCE and/or TCE were detected in both outdoor air samples (OA-3 and OA-5) collected on the south side of Donaldson's One Hour Cleaners, where it converges with the Cranky Pat's Pizzeria, and Fastenal buildings. The outdoor air analytical results are summarized on Table 1. The laboratory analytical reports are included in Attachment C.

Sub-Slab Vapor Sampling

Concentrations of PCE, TCE, Cis-1,2 DCE and trans-1,2 DCE were detected in each of the sub-slab vapor samples. Most notably, PCE and TCE were detected above the non-residential VRSL in sub-slab vapor samples SSV-3 and SSV-8. Sample SSV-3 was collected from beneath the slab-on-grade floor of Donaldson's One Hour Cleaners, near the location of the former dry cleaning machines and a floor drain. Sample SSV-8 was collected from the beneath the basement floor of Cranky Pat's Pizzeria & Pub, near the west foundation wall closest to the Site. A crack was observed in the basement wall and floor near the sample location.

The elevated concentrations of PCE and TCE in excess of the VRSL in sub-slab vapor samples collected from Donaldson's One Hour Cleaners and the basement of Cranky Pat's Pizzeria, suggests a potential VI concern for these overlying structures. However, PCE and TCE were not detected in excess of the VAL in the paired indoor air sample collected within the basement of Cranky Pat's Pizzeria & Pub, which suggests that the vapors from the sub-slab are not adversely impacting indoor air quality. A paired-indoor air sample was not collected from with the Donaldson's One Hour Cleaners space, per WDNR directive.

Concentrations of PCE, TCE, and Cis-1,2 DCE were not detected in excess of the non-residential VRSLs in any of the other sub-slab vapor samples. The sub-slab vapor analytical results are summarized on Table 1. The laboratory analytical reports are included in Attachment C.

CONCLUSIONS AND RECOMMENDATIONS

The presence of the dry cleaning related compounds in the sub-slab vapor samples collected from Donaldson's One Hour Cleaners and from the basement of Cranky Pat's Pizzeria poses a potential vapor intrusion concern in these two structures. Upon review of the results by the WDNR, REL recommends that options for further evaluation of the VI pathway, such as repeat indoor air and vapor sampling event during the winter months, within these two structures be discussed amongst the WDNR, REL and H&J Investments so that a plan for vapor mitigation may be developed, if necessary.

Given that there were no exceedances of VALs and VRSLs in samples collected in Fastenal and Cranky Pat's Frozen Pizza Factory, it appears that the investigation of the VI pathway is complete; therefore, no further investigation is recommended within these structures. REL recommends abandonment of the sub-slab Vapor Pins™ in these structures. Additionally, based on the initial VI investigation findings REL does not recommend VI sampling within any other off-site structures near the Site.

We trust this meets your needs. If you have any questions or comments, please feel free to contact this office.

Sincerely,

ROBERT E. LEE & ASSOCIATES, INC.

Nicole L. LaPlant
Senior Project Geologist

Bruce D. Meissner, PG
Environmental Services Manager

NLL/BDM/LAR

ENC.

CC/ENC.: Ms. Janice Donaldson, H&J Investments

TABLE 1
VAPOR AND AIR ANALYTICAL RESULTS SUMMARY
DONALDSON'S ONE HOUR CLEANERS, NEENAH, WISCONSIN

Sample ID	Sample Location	Sample Type	Date Collected	Relevant VOCs (µg/m³)				
				PCE	TCE	Cis-1,2 DCE	Trans-1,2 DCE	Vinyl Chloride
Indoor Air Vapor Action Level (µg/m³)				180	8.8	NA	260	28
Sub-Slab Vapor Risk Screening Level (µg/m³)				1,800	88	NA	2,600	280
SSV-1	All Sport Trophy & Engraving (First floor, west portion of Donaldson's One Hour Cleaners building)	Sub-slab	6/11/2013	814	ND	ND	ND	ND
IA-1		Indoor air		29	ND	ND	ND	ND
SSV-2	The Village Clippers (First floor, central portion of Donaldson's One Hour Cleaners building)	Sub-slab		706	ND	ND	ND	ND
IA-2		Indoor air		61	22.4	ND	ND	ND
SSV-3	Donaldson's One Hour Cleaners (First floor, east portion of building)	Sub-slab		1,070,000	1,670	334	170	ND
OA-1	West of Donaldson's One Hour Cleaners Building	Outdoor air		ND	1.6	ND	ND	ND
SSV-4	Fastenal (First Floor - Northeast portion of building)	Sub-slab	6/12/2013	90.1	ND	ND	3.6	ND
IA-4		Indoor air		28.4	4.1	ND	15.8	ND
SSV-5	Fastenal (First Floor - Northwest portion of building)	Sub-slab		69.5	2.2	ND	10.2	ND
IA-5		Indoor air		17.8	1.3	ND	10.6	ND
OA-2	Southwest of Fastenal	Outdoor air		ND	ND	ND	ND	ND
OA-3	Northeast of Fastenal (Adjacent to Donaldon's One Hour Cleaners)	Outdoor air		28.9	1.3	ND	ND	ND
SSV-6	Cranky Pat's Pizzaria (First Floor - Bar/Dining Area)	Sub-slab	6/17/2013	56.5	ND	ND	ND	ND
IA-6		Indoor air		ND	ND	ND	ND	ND
IA-7	Cranky Pat's Pizzaria (First Floor - Kitchen Area)	Indoor air		3.4	ND	ND	ND	ND
SSV-8	Cranky Pat's Pizzaria (Basement)	Sub-slab		11,900	138	152	3.3	ND
IA-8		Indoor air		8.5	ND	ND	ND	ND
SSV-9	Cranky Pat's Frozen Pizza Factory (First Floor)	Sub-slab		25.6	ND	ND	ND	ND
IA-9		Indoor air		ND	ND	ND	ND	ND
OA-4	Northeast of Cranky Pat's Buildings	Outdoor air		ND	ND	ND	ND	ND
OA-5	West of Cranky Pat's Buildings (Adj. to Donaldon's One Hour Cleaners)	Outdoor air		3.8	ND	ND	ND	ND

Key:

PID = Photoionization Detector
ND = Not detected above laboratory detection limits
µg/m3 = Micrograms per cubic meter
PCE = Tetrachloroethene
TCE = Trichloroethene
Cis-1,2 DCE = Cis-1,2 Dichloroethene
Trans-1,2 DCE = Trans-1,2 Dichloroethene
138 = Vapor Risk Screening Level (VRSL) or Vapor Action Level (VAL) exceeded

Notes:

Sub-slab samples collected using Vapor Pin.
Samples analyzed by PACE Analytical.

Figure 1: Vapor Intrusion Sampling Locations

LEGEND

- Outdoor Air Location (~8hr)
- Indoor Air Location (~8hr)
- Sub-Slab Vapor Location (~30 min)

N

NOT TO SCALE

A

ATTACHMENT A

VAPOR INTRUSION SAMPLING FIELD FORMS

Sub-Slab Vapor Field Sampling Form

Project Name	Dimond Sons	Sample Date	6-11-13
Location/Address	Trophy Shop	Sample ID	SSV-1
Project No.	4754-004	Sample Time	40 min
Client/Contact	H + J Investments	Canister ID	252
Data Collection Start Date	6-11-13	End Date	6-11-13

Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature °F	Barometer inches	Relative Humidity %
1627	-30	W/SW	8	75	29.86	56
1707	-4	W/SW	8	79°F	29.83	51%

Helium Leak Test		Negative Pressure Test
Date/Time Performed: 6-11-13 1615		Date/Time Performed: 6-11-13 1625
Background He Concentration (ppm)	0	-17 in Hg
Shroud He Concentration (%)	15,000	Negative Pressure of at least -15 in. Hg induced on sampling train (Yes) No
Sub-Slab Vapor/Soill-Gas He Concentration (post helium insertion)	0	Did pressure hold? (Yes) No
Helium Leak Test Passed: (Yes) No		
Notes PID = <1 ppm		

Indoor Air Sampling Form

IA-1

Project No.: 4754-004
Project Name: Donaldson's
Sample Location: Trophy shop
Date: 6-11-13
Field Personnel: KRB, DAE
Recorded by: KRB

Weather: Sunny, Clear
Air Temperature: 69°F
Atmospheric Pressure: 29.91

Sample Location Observations

HVAC System Operating (Y/N)? No
HVAC System type (gas forced air, fuel oil, hydronic, etc.)?
Chemical Storage Near Sample Location? No
Windows Open? No
Occupants Smoking? No

Canister Information

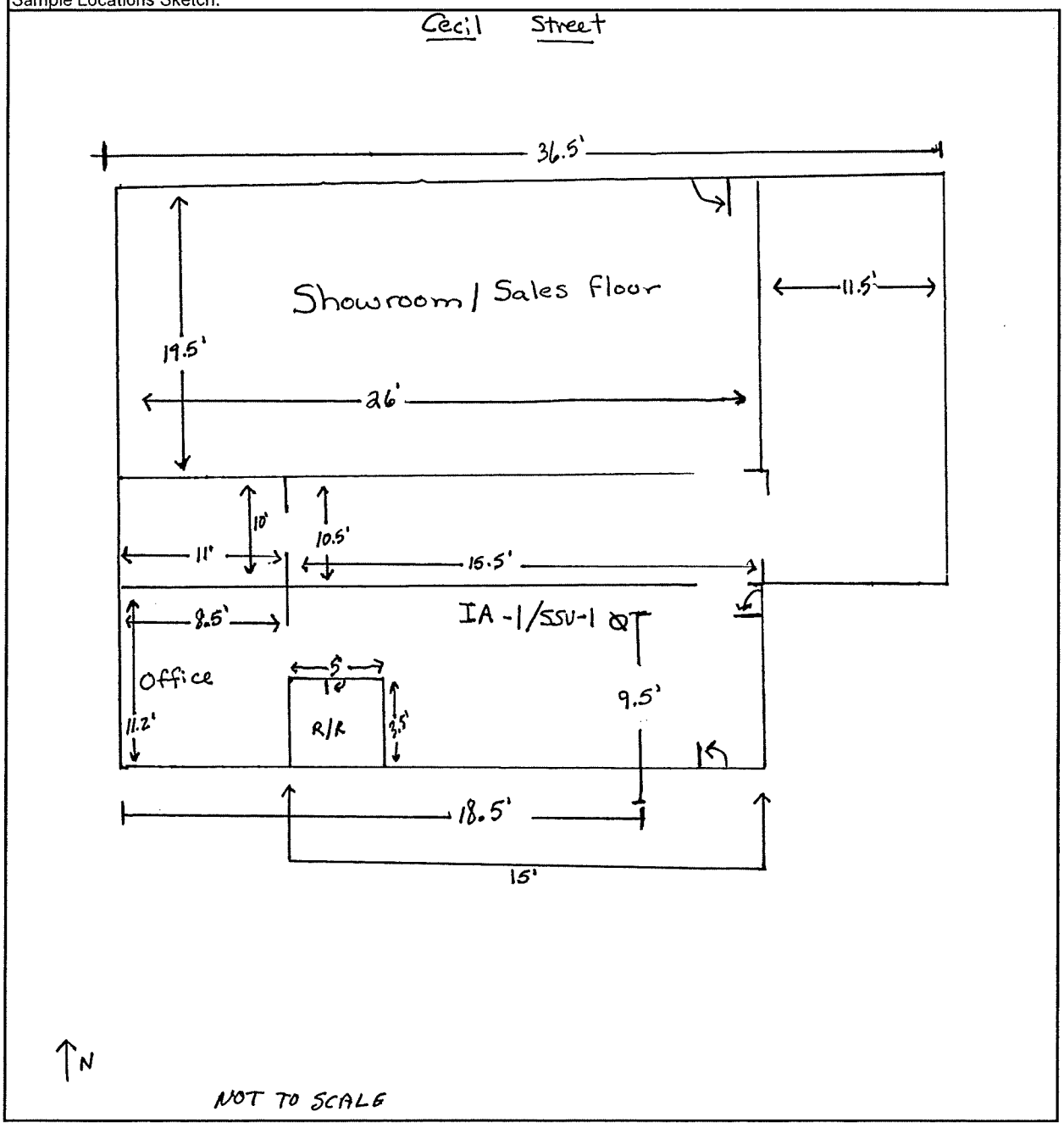
Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6-11-13	0906	1547	IA-1	1206	FC0395	—	-30 in Hg	-4.5

Comments: Air Sample set up in back store room, Doors closed at initial start up

IA-1
&
Project No.: 4754-004
Date: 6-11-13

Sample Location/ID: SSU-1 (All Sport Trophy Shop)

Sample Locations Sketch:



Sub-Slab Vapor Field Sampling Form

Project Name	Donaldson's	Sample Date	6-11-13
Location/Address	Beauty Shop	Sample ID	SSV-2
Project No.	4754-004	Sample Time	38 min
Client/Contact	H+J Investments	Canister ID	1637
Data Collection Start Date	6-11-13	End Date	6-11-13

Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature °F	Barometer inches	Relative Humidity %
17:28	-29	WSW	8	75°F	29.86	56
18:06	-5	WSW	9	77°F	29.84	50

Helium Leak Test

Date/Time Performed: 6-11-13 1732	
Background He Concentration (ppm)	0
Shroud He Concentration (%)	18,000 ppm
Sub-Slab Vapor/Soill-Gas He Concentration (post helium insertion)	0

Helium Leak Test Passed: (Yes) No

Notes PID = <1

Negative Pressure Test

Date/Time Performed: 6/11/13 17:25

Negative Pressure of at least -15 in. Hg induced on sampling train (Yes) No -18 in Hg

Did pressure hold? (Yes) No

Indoor Air Sampling Form

IA-2

Project No.:	4754-004	Weather:	Sun
Project Name:	Donaldsville	Air Temperature:	69 °F
Sample Location:	Beauty Shop	Atmospheric Pressure:	29.91
Date:	6-11-13		
Field Personnel:	KRE, DPE		
Recorded by:	KRE		

Sample Location Observations

HVAC System Operating (Y)N)? A/C on
HVAC System type (gas forced air, fuel oil, hydronic, etc.)?
Chemical Storage Near Sample Location?
Windows Open? No
Occupants Smoking? No

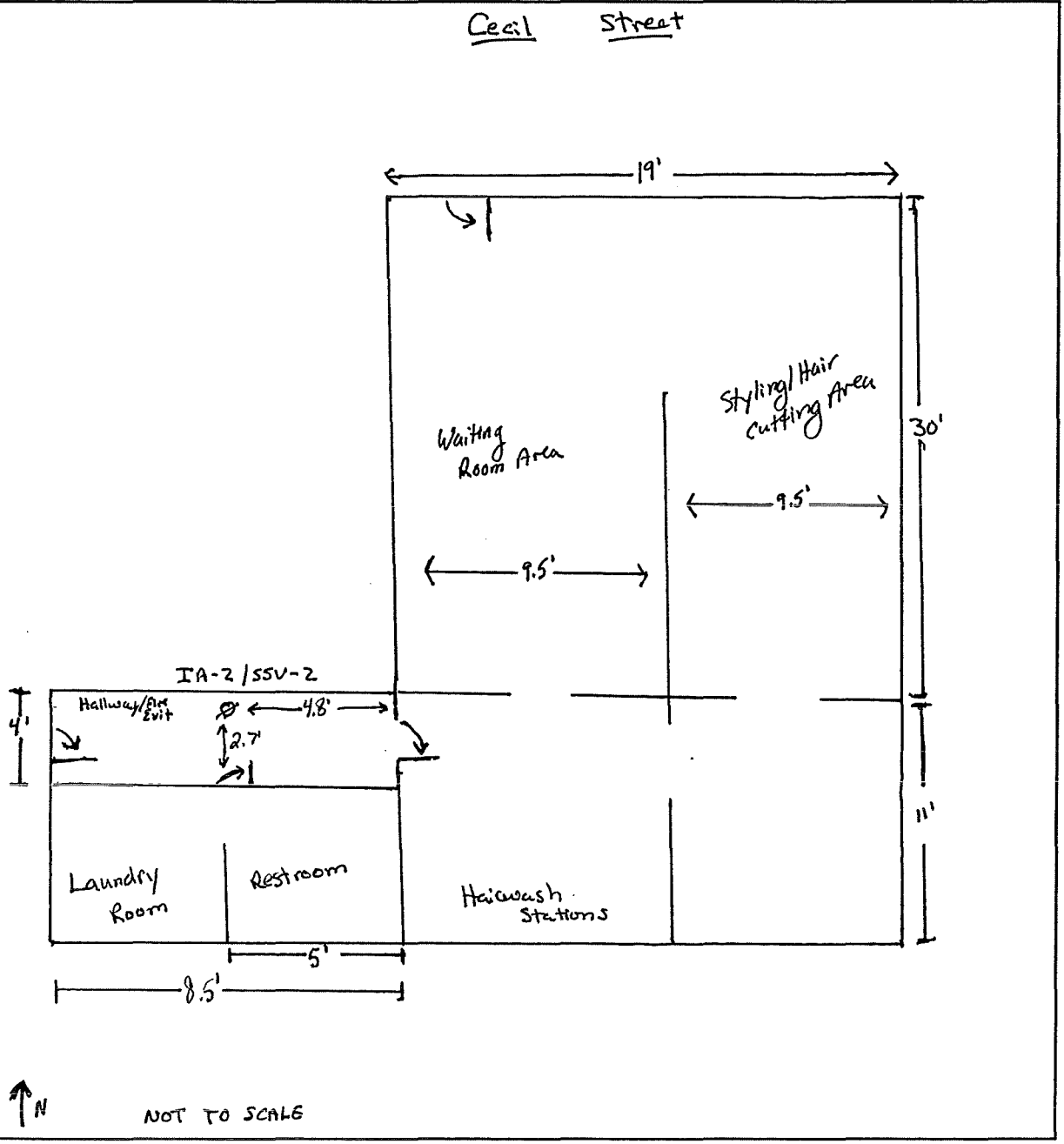
Canister Information

Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6-11-13	0918	1601	IA-2	1069	FC0291	—	-24 in Hg	-3 in Hg

Comments: Indoor air set up in back hallway

IA-2
&
Project No.: 4764-004 Sample Location/ID: SSV-2 / Village Clippers
Date: 6-11-13

Sample Locations Sketch:



Sub-Slab Vapor Field Sampling Form

Project Name	Donaldson's	Sample Date	6-11-13
Location/Address	Dry Cleaners	Sample ID	SSV-3
Project No.	4754-004	Sample Time	1401 to
Client/Contact	H+J Investments	Canister ID	0725
Data Collection Start Date	6-11-13	End Date	6-11-13

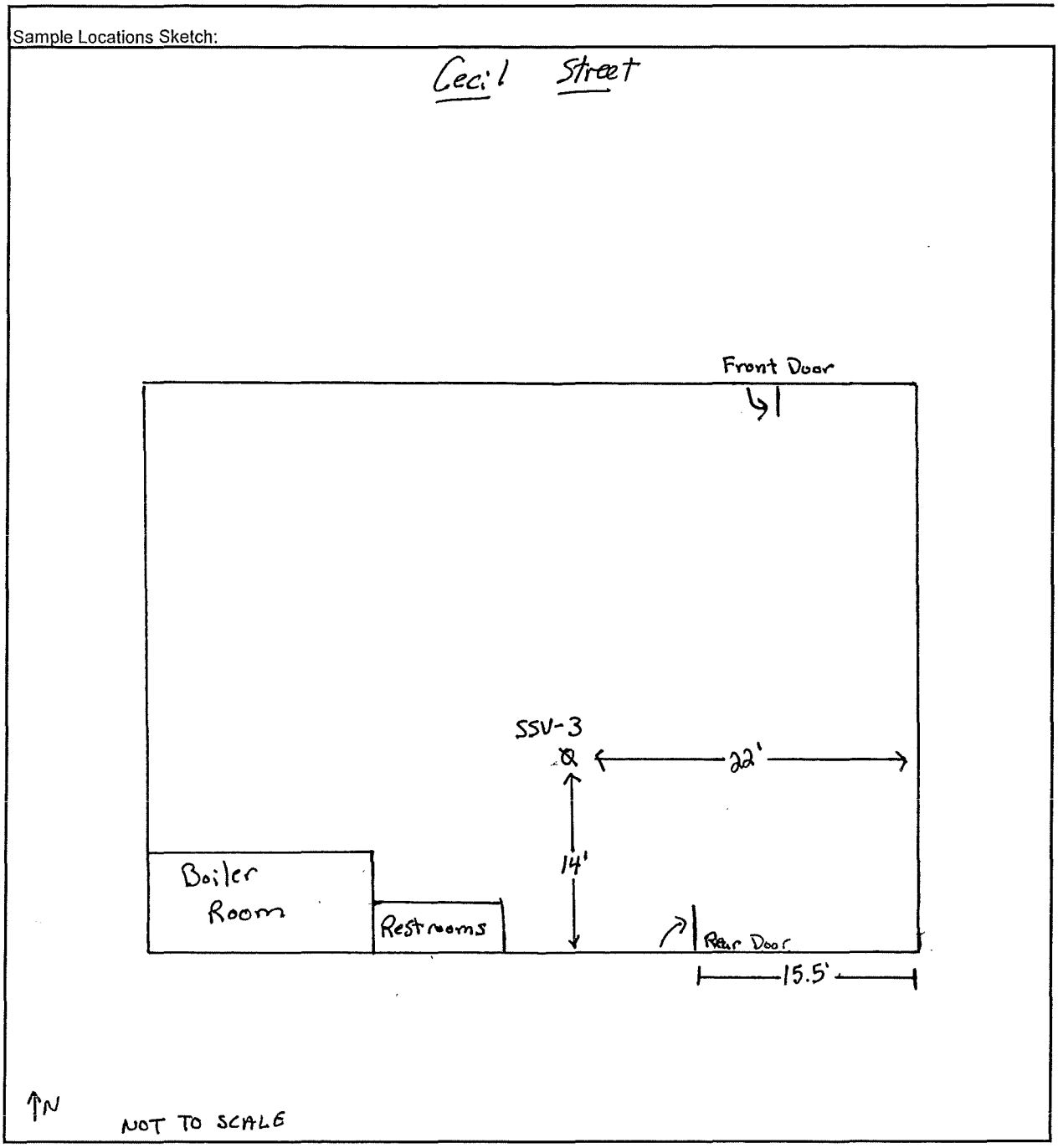
Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature °F	Barometer inches	Relative Humidity %
1401	-30	West	5 mph	76	29.89	56
1448	-4 ~~-3~~	WSW	9 mph	76	29.86	53

Helium Leak Test		Negative Pressure Test
Date/Time Performed: 6-11-13 13:40 pm		Date/Time Performed: 6-11-13 1358
Background He Concentration (ppm)	10	Negative Pressure of at least -15 in. Hg induced on sampling train (Yes) No
Shroud He Concentration (%)	15,000 ppm	
Sub-Slab Vapor/Soill-Gas He Concentration (post helium insertion)	0 ppm	Did pressure hold? (Yes) No
Helium Leak Test Passed: (Yes) No		
Notes: No paired indoor air samples collected due to dry cleaning facility. PID = <1		

Project No.: 4754-004
Date: 6-11-13

Sample Location/ID: SSV-3 (Donaldson's Cleaners)

Sample Locations Sketch:



Sub-Slab Vapor Field Sampling Form

Project Name	Donaldson's	Sample Date	6-12-13
Location/Address	Fastenal Bldg	Sample ID	SSV-4
Project No.	4754-004	Sample Time	36 min
Client/Contact	H+J Investments	Canister ID	669
Data Collection Start Date	6-12-13	End Date	6-12-13

Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature °F	Barometer inches	Relative Humidity %
1544	-29.5	ESE@7	7	74	29.87	61
1620	-5	ESE	7	74	29.87	61

Helium Leak Test			Negative Pressure Test
Date/Time Performed:	6-12-13 1532		Date/Time Performed: 6-12-13
Background He Concentration (ppm)	0		Negative Pressure of at least -15 in. Hg induced on sampling train (Yes) No -18 in
Shroud He Concentration (%)	16 000 ppm		
Sub-Slab Vapor/Soill-Gas He Concentration (post helium insertion)		0	Did pressure hold? (Yes) No
Helium Leak Test Passed:	(Yes) No		
Notes	PID = 61		

Indoor Air Sampling Form

IA-4

Project No.: 4754-004
Project Name: Donaldson's
Sample Location: Fostoria East Storage
Date: 6-12-13
Field Personnel: KRE, DPG
Recorded by: KRE

Weather: Overcast
Air Temperature: 66 °F
Atmospheric Pressure: 29.88 in

Sample Location Observations

HVAC System Operating (Y/(N))?
HVAC System type (gas forced air, fuel oil, hydronic, etc.)?
Chemical Storage Near Sample Location?
Windows Open? No
Occupants Smoking? No

Canister Information

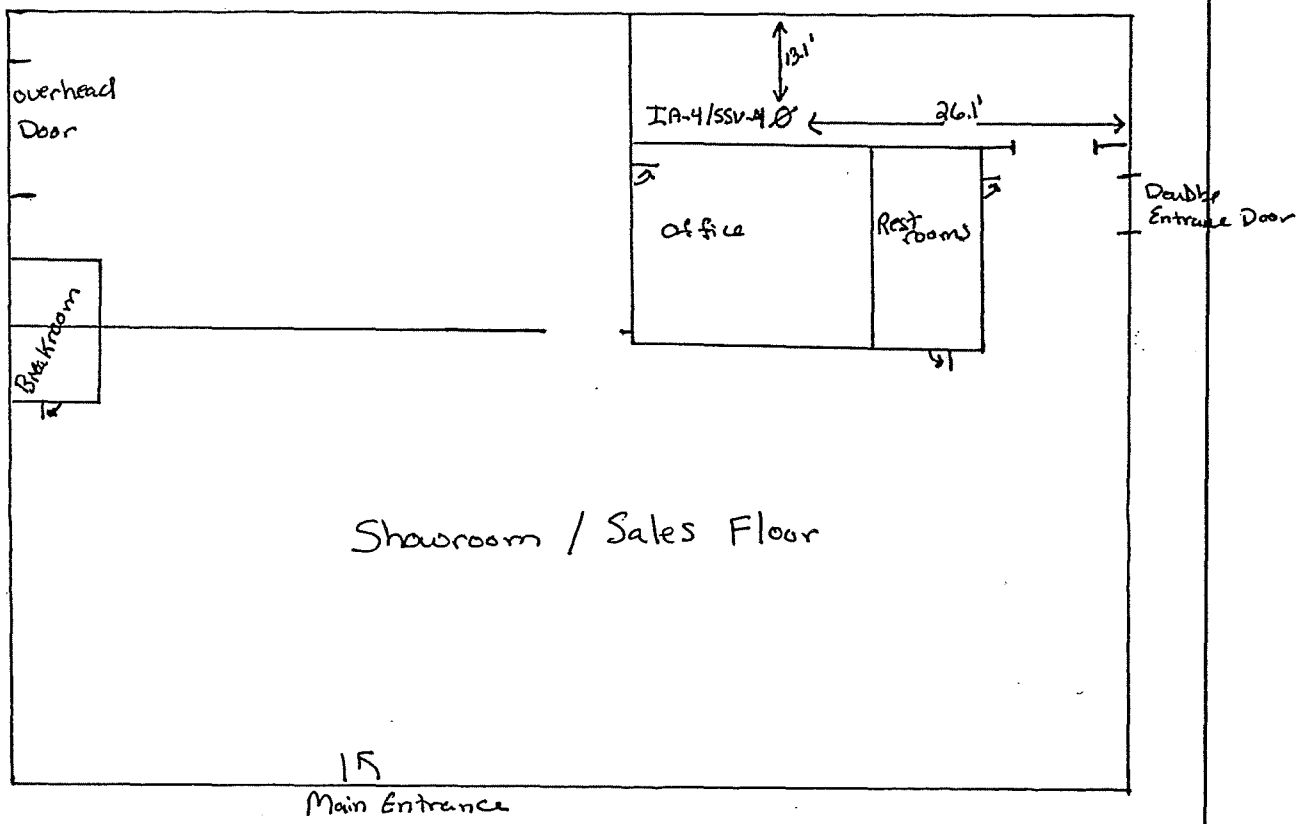
Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6-12-13	0821	1506	IA-4	572	FC0361	—	-28	-2

Comments:

Project No.: 4754-004
Date: 6-12-13

Sample Location/ID: IA-4/SSV-4 (Fastenal - East Side)

Sample Locations Sketch:



↑N NOT TO SCALE

Curtis Avenue

Sub-Slab Vapor Field Sampling Form

Project Name	Donaldson's	Sample Date	6-12-13
Location/Address	Fastenal Bldg	Sample ID	~~SS-5~~ SSV-5
Project No.	4754-004	Sample Time	37 min
Client/Contact	H+J Investments	Canister ID	1621
Data Collection Start Date	6-12-13	End Date	6-12-13

Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature °F	Barometer inches	Relative Humidity %
1632	-30	ESE	8	74	29.87	61
1709	-5.5	E	9	74	29.81	65

Helium Leak Test		Negative Pressure Test
Date/Time Performed: 6/12/13 1628		Date/Time Performed: 6-12-13 1630
Background He Concentration (ppm) 0		-18 in Hg Negative Pressure of at least -15 in. Hg induced on sampling train (Yes) No
Shroud He Concentration (%) 18000 ppm		
Sub-Slab Vapor/Soill-Gas He Concentration (post helium insertion)	0	Did pressure hold? (Yes) No
Helium Leak Test Passed: (Yes) No		
Notes PID = 2.1		

Indoor Air Sampling Form

Project No.: 4754-004
Project Name: Donald Sons
Sample Location: Fastenal West Storage
Date: 6-12-13
Field Personnel: KRE, DPG
Recorded by: KRE

Weather: Overcast
Air Temperature: 66 °F
Atmospheric Pressure: 29.88 in

Sample Location Observations

HVAC System Operating (Y/N)?
HVAC System type (~~gas forced air~~, fuel oil, hydronic, etc.)?
Chemical Storage Near Sample Location?
Windows Open? Overhead door open for approx. 1 hr. at beginning of Sysby
Occupants Smoking? No

Canister Information

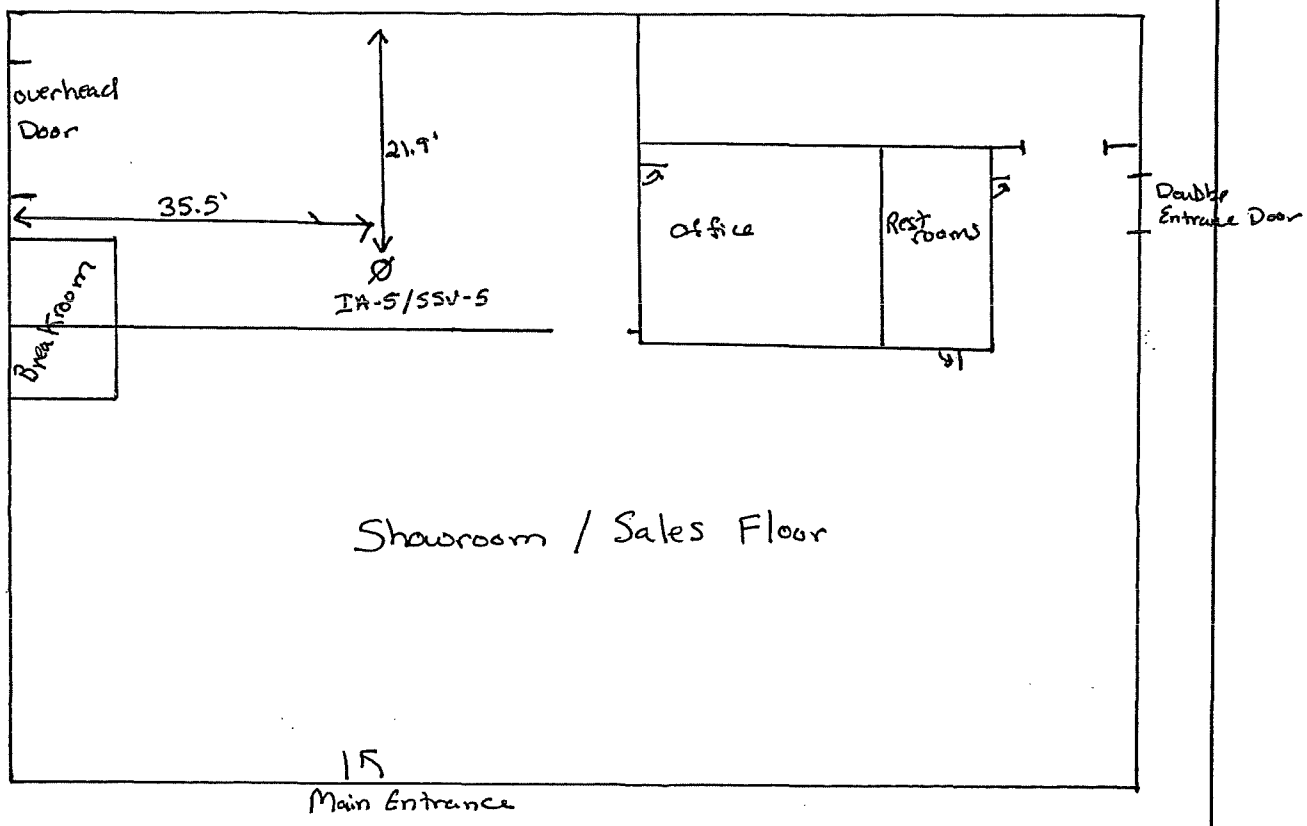
Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6-12-13	0824	1512	IA-5	987	FC0122	—	-30	-6

Comments:

Project No.: 4754-004
Date: 6-12-13

Sample Location/ID: IA-5/SSV-5 (Fastenal - West Side)

Sample Locations Sketch:



↑N NOT TO SCALE

Curtis Avenue

Sub-Slab Vapor Field Sampling Form

Project Name	Davidson's	Sample Date	6/17/13
Location/Address	Crosby Pet's Bx Area	Sample ID	SSV-6
Project No.	4754-004	Sample Time	36 min
Client/Contact	H+J Investors	Canister ID	47
Data Collection Start Date	6/17/13	End Date	6/17/13

Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature °F	Barometer inches	Relative Humidity %
0755	-30	ENE	1	64	29.89	76
0831	-4	ESE	2	67	29.87	72

Helium Leak Test			Negative Pressure Test
Date/Time Performed:	6/17/13	0746	Date/Time Performed: 6/17/13 0752
Background He Concentration (ppm)	0		-18 in Hg
Shroud He Concentration (%)	18000 ppm		Negative Pressure of at least -15 in. Hg induced on sampling train (Yes) No
Sub-Slab Vapor/Soill-Gas He Concentration (post helium insertion)	0		Did pressure hold? (Yes) No
Helium Leak Test Passed:	(Yes)	No	
Notes	PID = 41		

Indoor Air Sampling Form

IA-6

Project No.: 4754-004
Project Name: The Donaldsons
Sample Location: Cranky Pol's Bar Area
Date: 6/17/13
Field Personnel: KRE, DPE
Recorded by: KRE

Weather: Clear
Air Temperature: 68°F
Atmospheric Pressure: 29.91

Sample Location Observations

HVAC System Operating (Y/N)? A/C operating
HVAC System type (gas forced air, fuel oil, hydronic, etc.)?
Chemical Storage Near Sample Location?
Windows Open? No
Occupants Smoking? No

Canister Information

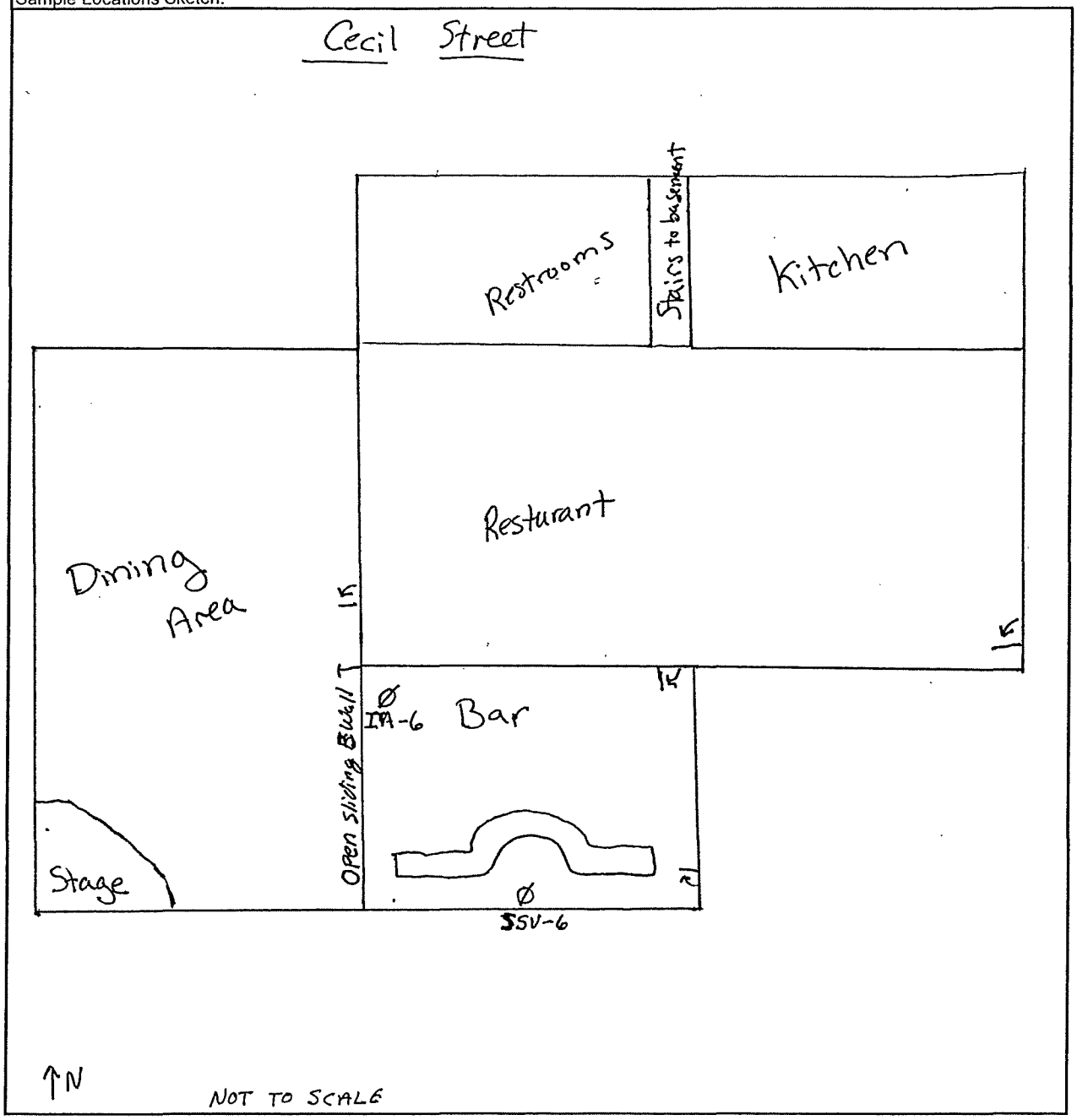
Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6/17/13	0815	0631	IA-6	1671	FC0363	—	-26	-4

Comments: Summa Canister placed on Table in NW corner of Bar Area.
* cleaning personnel came in about 4:30 am and began cleaning Rest/Bar. Cleaning consisted of sweeping, vacuuming + mopping floors.

Project No.: 4754-004
Date: 6-17-13

Sample Location/ID: IA-6/SSV-6

Sample Locations Sketch:



Indoor Air Sampling Form

IA-7

Project No.: 4754-004
Project Name: Donaldsons
Sample Location: Cooky Pats Kitchen
Date: 6/17/13
Field Personnel: KHE, PPE
Recorded by:

Weather: Clear
Air Temperature: 68°F
Atmospheric Pressure: 29.91

Sample Location Observations

HVAC System Operating (Y/(N))?
HVAC System type (gas forced air, fuel oil, hydronic, etc.)?
Chemical Storage Near Sample Location? No
Windows Open? No
Occupants Smoking? No

Canister Information

Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6/17/13	0016	0703	IA-7	1500	FC0215	—	-30	-5

Comments: Summa Canister placed on Counter in SW corner of Kitchen

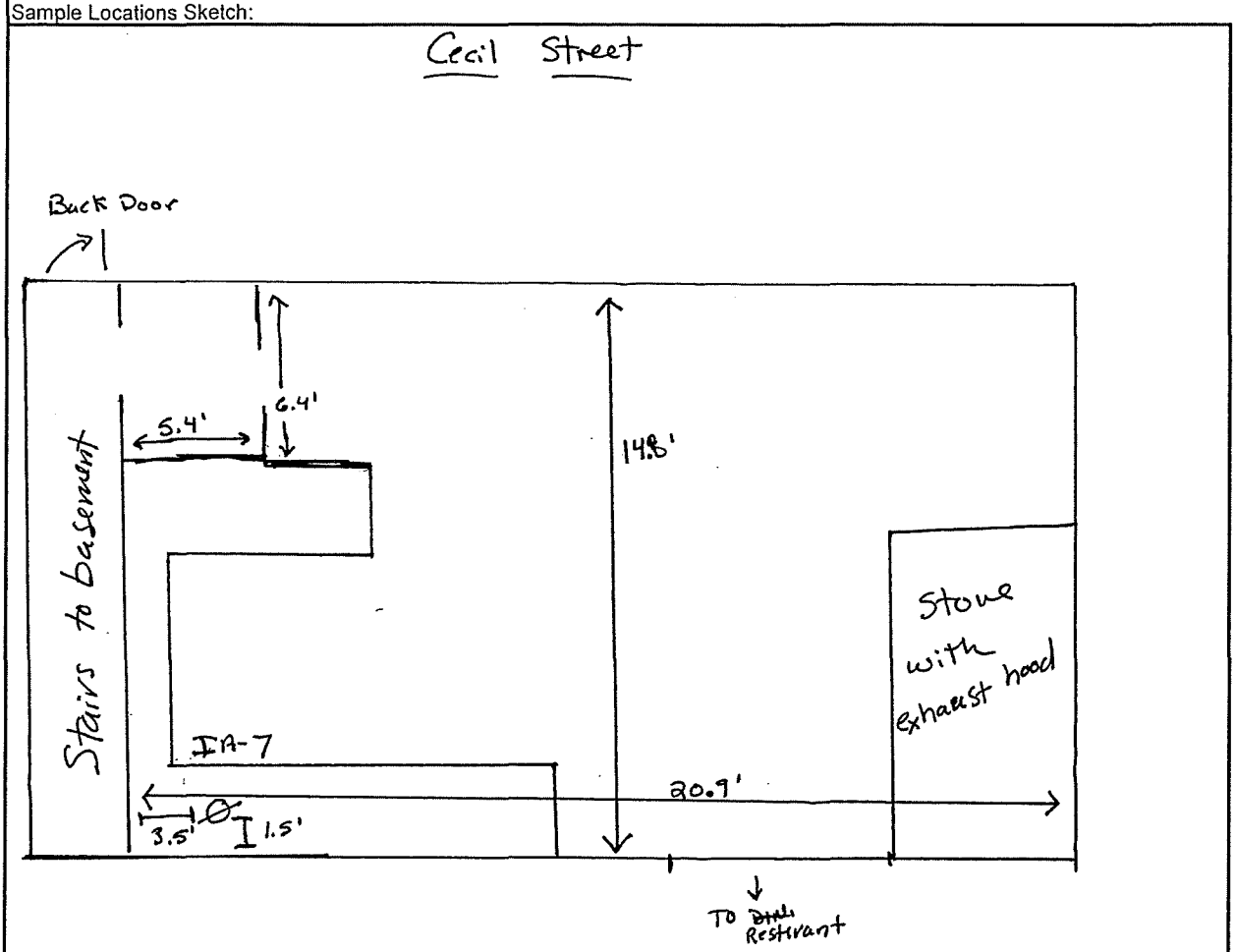
* Note: No paired sub slab sample with IA-7

- Cleaning personnel came in around 4:30 pm to sweep, mop and vacuum floors. Cleaning products consisted of Dawn dish soap and Neutral floor cleaner.

Project No.: 4754-004
Date: 6-17-13

Sample Location/ID: IA-7

Sample Locations Sketch:



↑N *NOT TO SCALE

Sub-Slab Vapor Field Sampling Form

Project Name	Donaldsons	Sample Date	6/17/13
Location/Address	Cranky Pats Bsmt	Sample ID	SSV-8
Project No.	4754-004	Sample Time	41 min
Client/Contact	H+J Investments	Canister ID	152
Data Collection Start Date	6/17/13	End Date	6/17/13

Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature °F	Barometer inches	Relative Humidity %
0912	-29.5	N	2	65°f	29.89	73
0953	-3.5	NE	7	71° F	29.91	63

Helium Leak Test		Negative Pressure Test
Date/Time Performed: 6/17/13 0903		Date/Time Performed: 6/17/13
Background He Concentration (ppm)	0	-18 in Hg
Shroud He Concentration (%) 20000 ppm		Negative Pressure of at least -15 in. Hg induced on sampling train (Yes) No
Sub-Slab Vapor/Soill-Gas He Concentration (post helium insertion)	0	Did pressure hold? (Yes) No
Helium Leak Test Passed: (Yes) No		
Notes PID = <1		

Indoor Air Sampling Form

IA-8

Project No.: 4754-004
Project Name: Donaldsons
Sample Location: Cranky Pats ~~Kitchen~~ Basement
Date: 6/17/13
Field Personnel: KRE, DPE
Recorded by: KRE

Weather: Clear
Air Temperature: 68°F
Atmospheric Pressure: 29.91

Sample Location Observations

HVAC System Operating (Y/N)? First flor, Cooler compressors upstairs
HVAC System type (gas forced air, fuel oil, hydronic, etc.)?
Chemical Storage Near Sample Location? No
Windows Open? No
Occupants Smoking? No

Canister Information

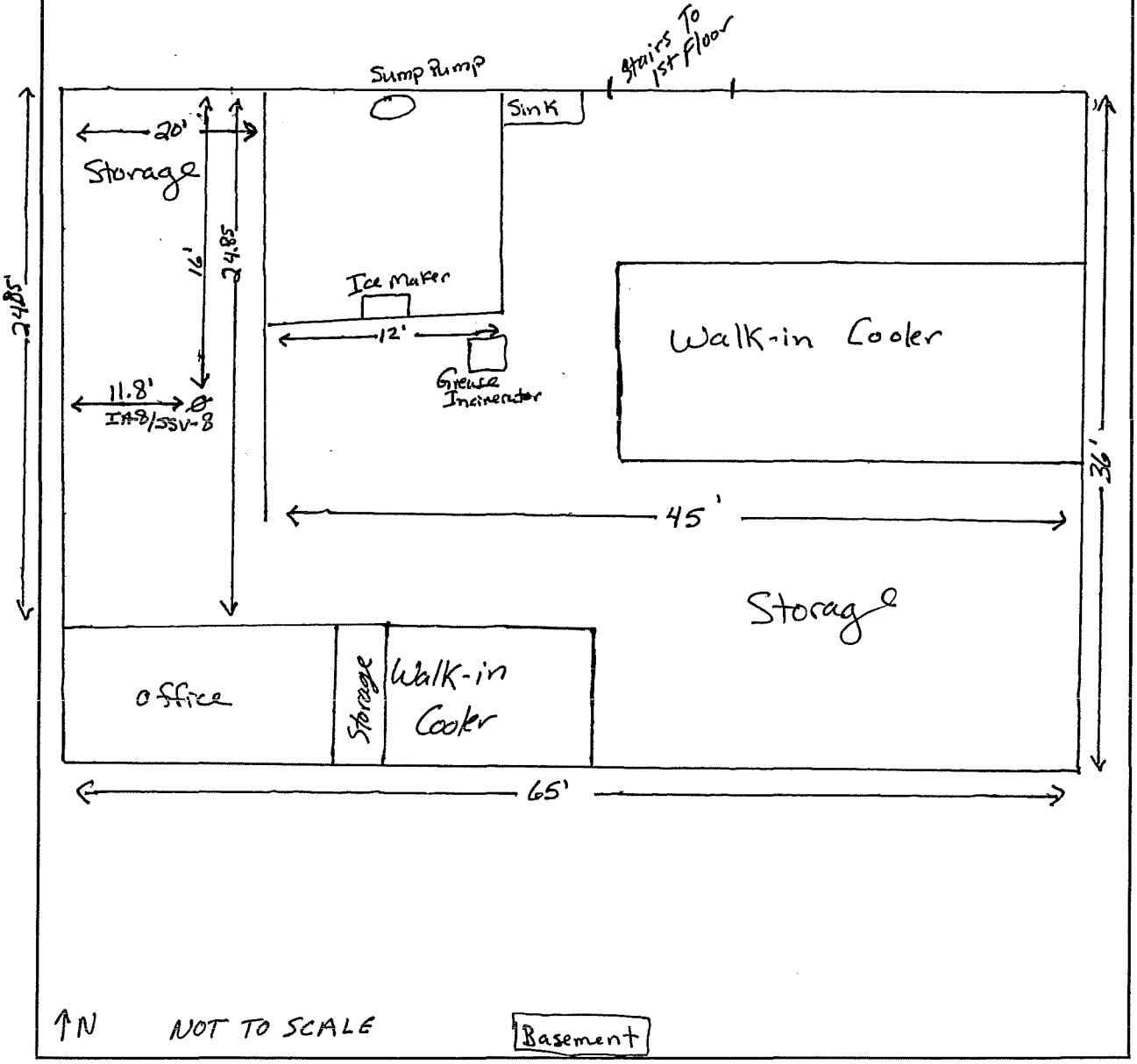
Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6/17/13	0019	0735	IA-8	2056	FC0327	—	-29	-4

Comments: Summa Canister placed on stool in center of west room.

Project No.: 4754-004
Date: 6/17/13

Sample Location/ID: IA-8/SSV-8

Sample Locations Sketch:



Sub-Slab Vapor Field Sampling Form

Project Name	Donaldson's	Sample Date	6/17/13
Location/Address	Cranky Pats Frozen Pizza Factory	Sample ID	SSV - 9
Project No.	4754-004	Sample Time	4/0 min
Client/Contact	H+J Investments	Canister ID	6085
Data Collection Start Date	6/17/13	End Date	6/17/13

Time hh:mm	Vacuum Reading In. of Hg	Wind Direction	Wind Speed mph	Temperature °F	Barometer inches	Relative Humidity %
10:21	-30	NE	7	71	29.91	63
11:01	-4	NW	6	72	29.91	59

Helium Leak Test		Negative Pressure Test
Date/Time Performed: 6/17/13	1015	Date/Time Performed: 6/17/13 1018
Background He Concentration (ppm)	0	-18 inHg
Shroud He Concentration (%)	19000 ppm	Negative Pressure of at least -15 in. Hg induced on sampling train (Yes) No
Sub-Slab Vapor/Soill-Gas He Concentration (post helium insertion)	0	Did pressure hold? (Yes) No
Helium Leak Test Passed: (Yes) No		
Notes PID = <1		

Indoor Air Sampling Form

IA-9

Project No.: 4754-004
Project Name: Donaldson
Sample Location: Crunky Pats frozen Pizza Factory
Date: 6/17/13
Field Personnel: KRG, DPE
Recorded by: KRG

Weather: Clear
Air Temperature: 68°F
Atmospheric Pressure: 29.91

Sample Location Observations

HVAC System Operating (Y/N)?
HVAC System type (gas forced air, fuel oil, hydronic, etc.)?
Chemical Storage Near Sample Location? N/O
Windows Open? N/O
Occupants Smoking? NO

Canister Information

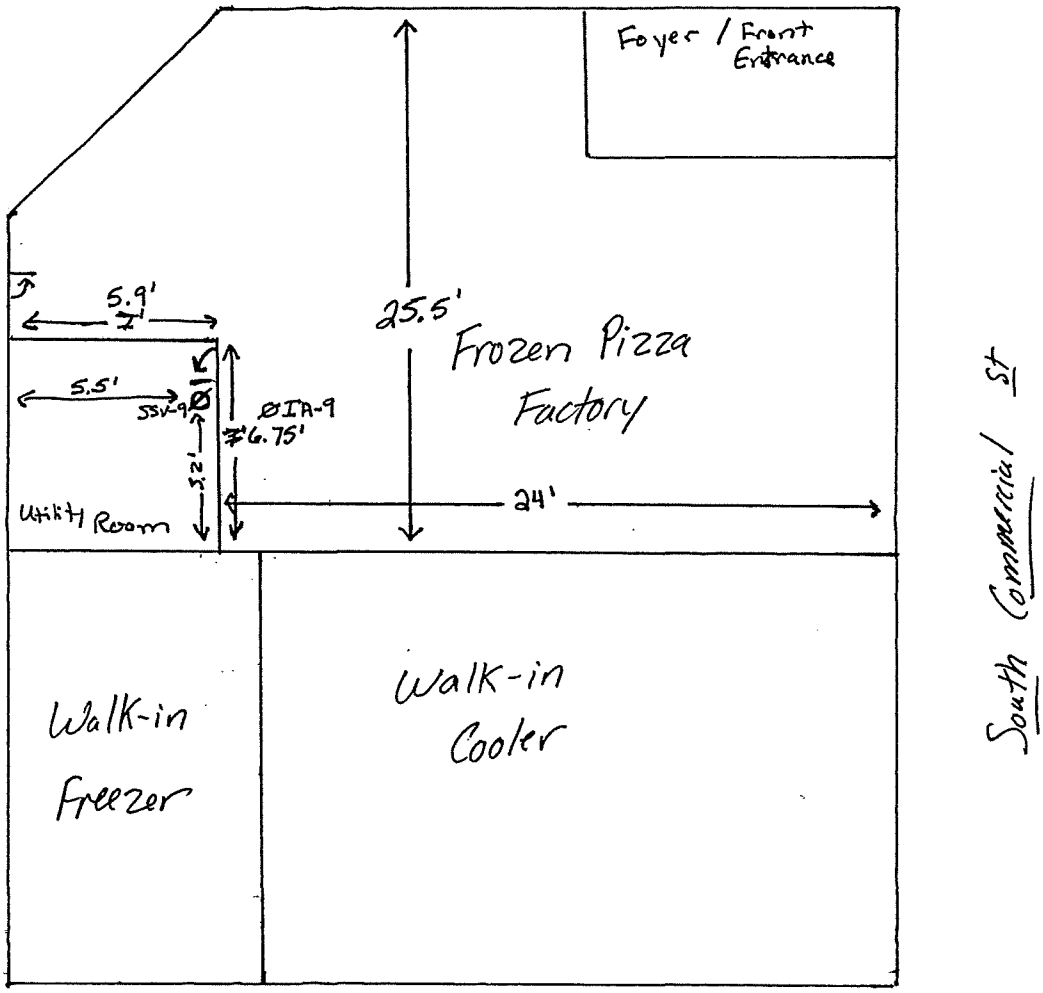
Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6/17/13	0021	0650	IA-9	0871	FC0319	—	-29.5	-4.5

Comments: Summa canister placed on Table outside of Mechanical Room

Project No.: 4754-004
Date: 6/17/13

Sample Location/ID: IA-9/SSV-9

Sample Locations Sketch:



↑N

NOT TO SCALE

Curtis Avenue

Outdoor Air Sampling Form

OA-1

Project No.: 4754-004
Project Name: Doubleknit
Sample Location: Backyard of 116 W. Cecil St.
Date: 6-11-13
Field Personnel: KAB, DPE
Recorded by: KAB

Weather: Sunny, Clear
Air Temperature: 69 °F
Atmospheric Pressure: 29.91 in
Wind Direction: W @ 5 mph

Description of Sample Location

West of Doubleknit Bldg in Backyard of 116 W. Cecil Street

Canister Information

Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6-11-13	0853	1630	OA-1	1755	FC0097	—	-30 in Hg	-2 in Hg

Comments:

Outdoor Air Sampling Form

OA-2 + OA-3

Project No.:	4754-004	Weather:	Overcast
Project Name:	Donaldson's	Air Temperature:	66 °F
Sample Location:		Atmospheric Pressure:	29.88
Date:	6-12-13	Wind Direction	ENE
Field Personnel:	~~KBE~~, DAE		
Recorded by:	KBE		

Description of Sample Location

OA-2: located in corner of parking lot to SW of Fastenal Bldg

OA-3: located in alley between Donaldson's Dry Cleaners and Fastenal Bldg

Canister Information

Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6-12-13	0930	1537	OA-2	0977	FC0334	—	-30	-7
6-12-13	0940	1601	OA-3	0839	FC0079	—	-30	-7

Comments: Intermittent smoking occurring near Donaldson's Bldg by employees

Outdoor Air Sampling Form

OA-4 + OA-5

Project No.:	4754-004	Weather:	Clear
Project Name:	H+J investments	Air Temperature:	68°F
Sample Location:	Donaldsons Dry Clean	Atmospheric Pressure:	29.91
Date:	6-16-13 / 6-17-13	Wind Direction	NE @ 9 mph
Field Personnel:	KRE, DPE		
Recorded by:	KRE		

Description of Sample Location

OA-4 was placed in NE corner of Crosley Pate Parking lot

OA-5 was placed in Alley behind Donaldsons Dry Cleaners

Canister Information

Date	Start Time	End Time	Sample ID No.	Canister ID No.	Flow Controller No.	Vacuum Gauge No.	Initial Vacuum	Final Vacuum
6/16/13	~~#~~2358	0646 6/17	OA-4	~~475~~ 1078	FC0068	—	-30	-5
6/16/13	2359	0638 6/17	OA-5	2040	FC0285	—	-29	-3

Comments:

B

ATTACHMENT B

PHOTOGRAPHS OF VAPOR INTRUSION SAMPLING

PHOTO LOG OF VAPOR MONITORING FOR DONALDSON'S CLEANERS

Photo 1: Outdoor air sample OA-1.

Photo 2: Indoor air sample IA-1.

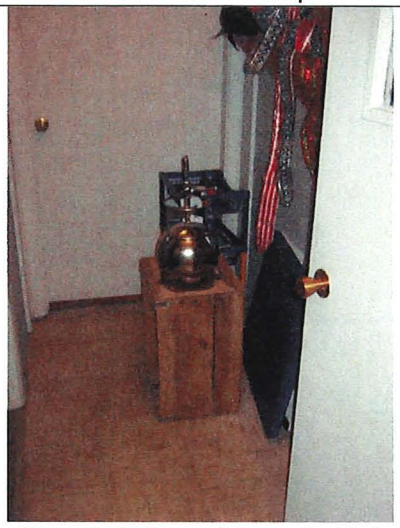


Photo 3: Indoor air sample IA-2.

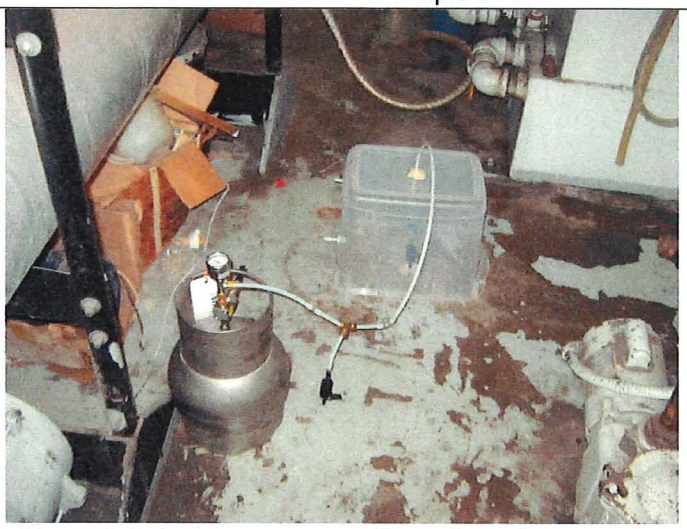


Photo 4: Sub-slab vapor sampling using 6-liter Summa canister at SSV-3.

Photo 5: Flush mount cap at SSV-3.

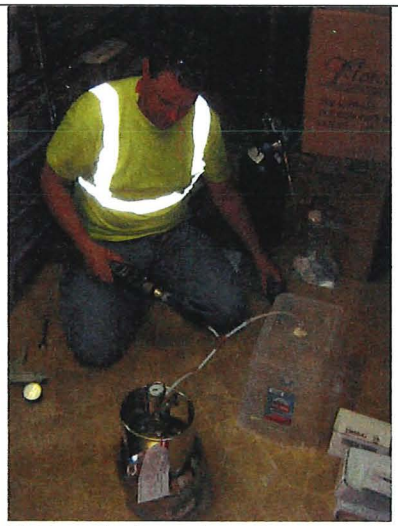


Photo 6: Helium leak testing of Vapor Pin at SSV-1.

Photo 7: Sub-slab vapor sampling using 6-liter Summa canister at SSV-1.

Photo 8: Flush mount cap at SSV-1.

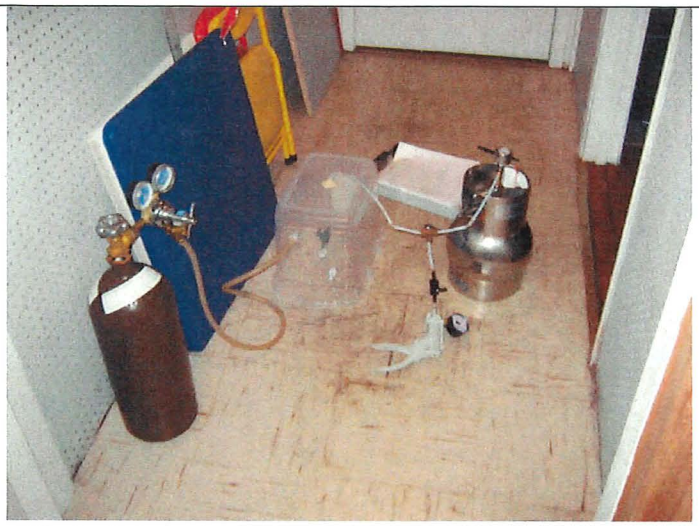


Photo 9: Sub-slab vapor sampling using 6-liter Summa canister at SSV-2.

Photo 10: Flush mount cap at SSV-2.

Photo 11: Indoor air sample IA-4.

Photo 12: Indoor air sample IA-5.

Photo 13: Outdoor air sample OA-2.

Photo 14: Outdoor air sample OA-3.

Photo 15: Sub-slab vapor sampling using 6-liter Summa canister at SSV-4.

Photo 16: Flush mount cap at SSV-4.

Photo 17: Helium leak testing of Vapor Pin at SSV-5.

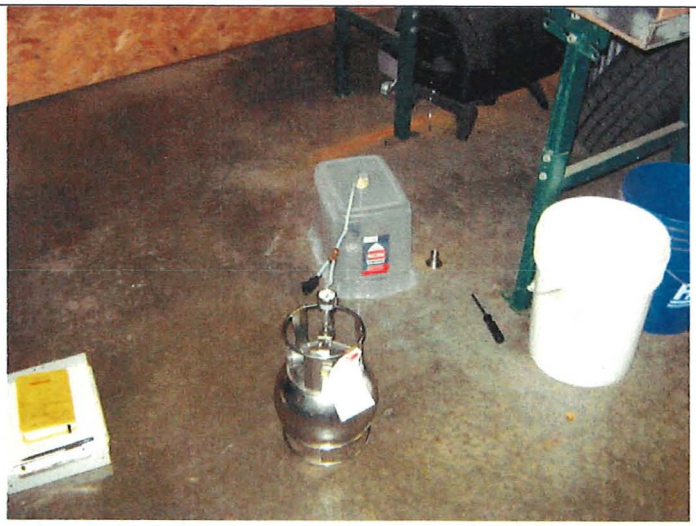


Photo 18: Sub-slab vapor sampling using 6-liter Summa canister at SSV-5.

Photo 19: Flush mount cap at SSV-5.

Photo 20: Outdoor air sample OA-4.

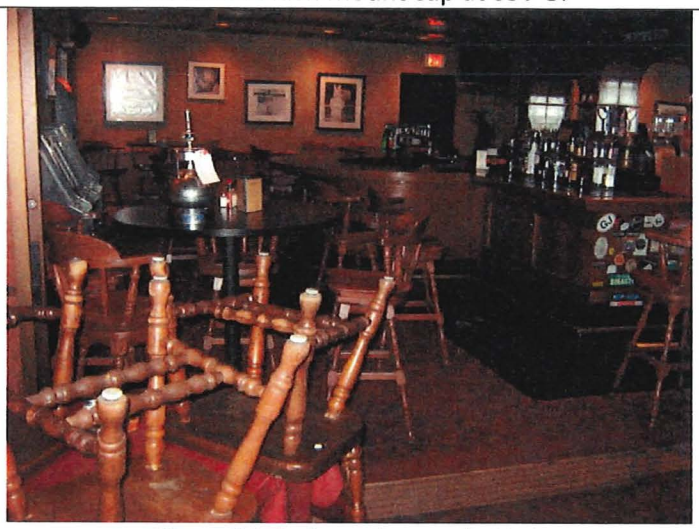


Photo 21: Indoor air sample IA-6.

Photo 22: Indoor air sample IA-8.

Photo 23: Outdoor air sample OA-5.

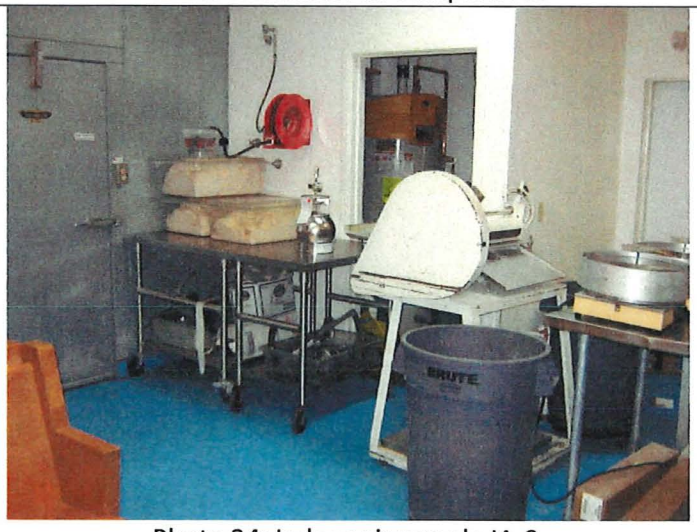


Photo 24: Indoor air sample IA-9.

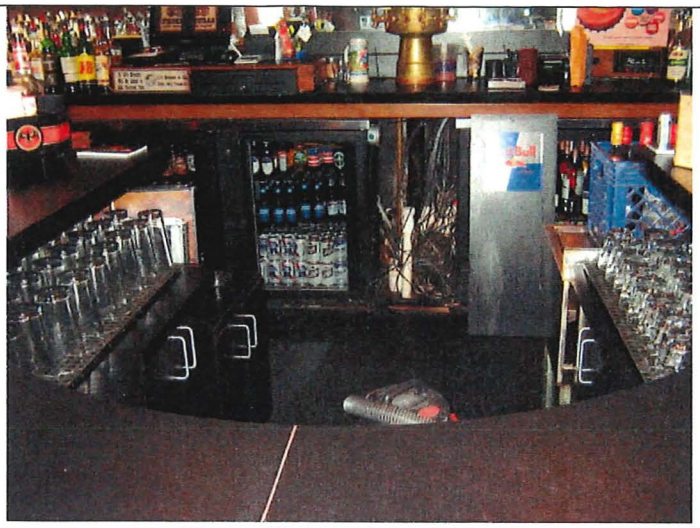


Photo 25: Location of SSV-6.

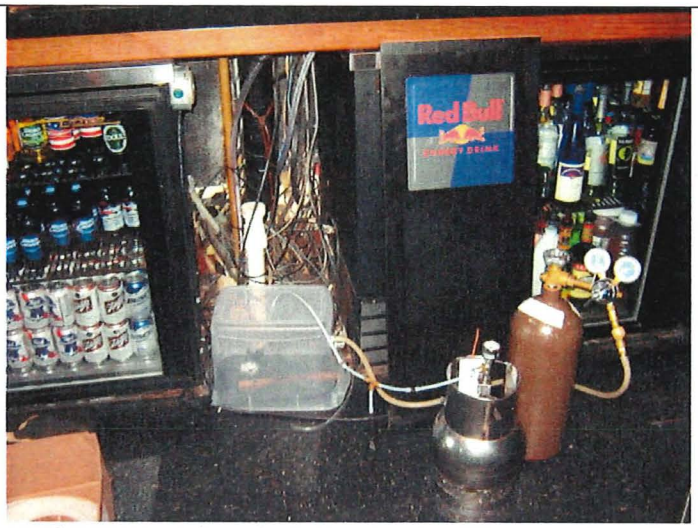


Photo 26: Helium leak testing of Vapor Pin at SSV-6.

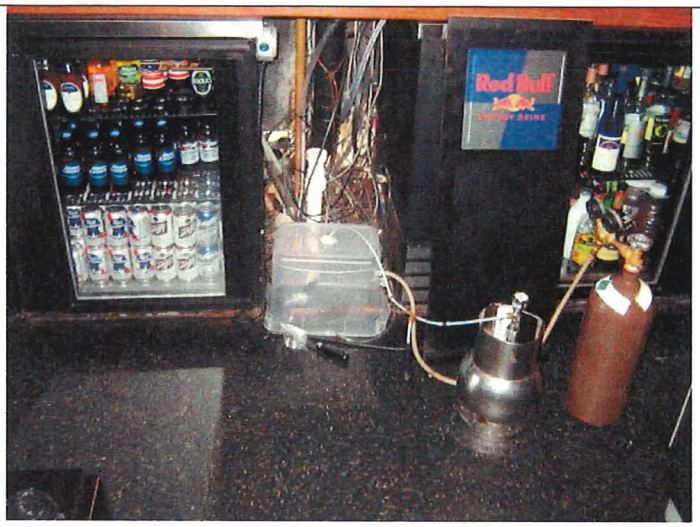


Photo 27: Sub-slab vapor sampling using 6-liter Summa canister at SSV-6.

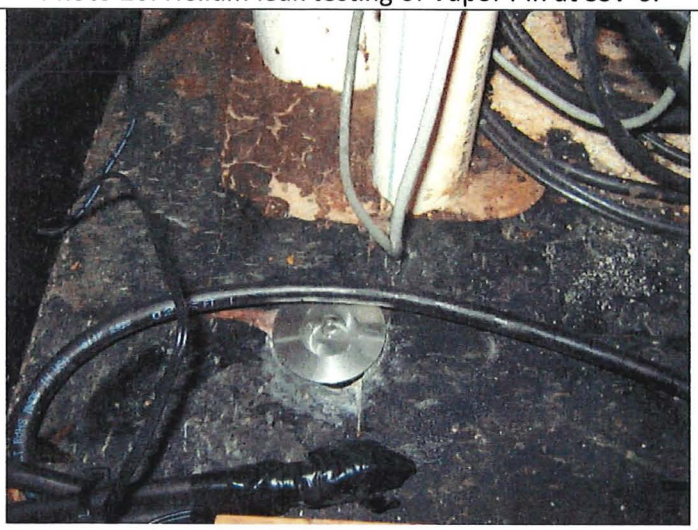


Photo 28: Flush mount cap at SSV-6.

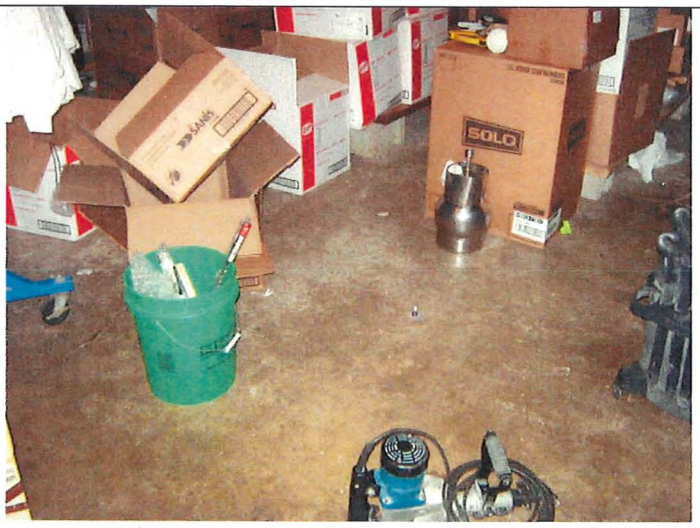


Photo 29: Vapor Pin location of SSV-8.

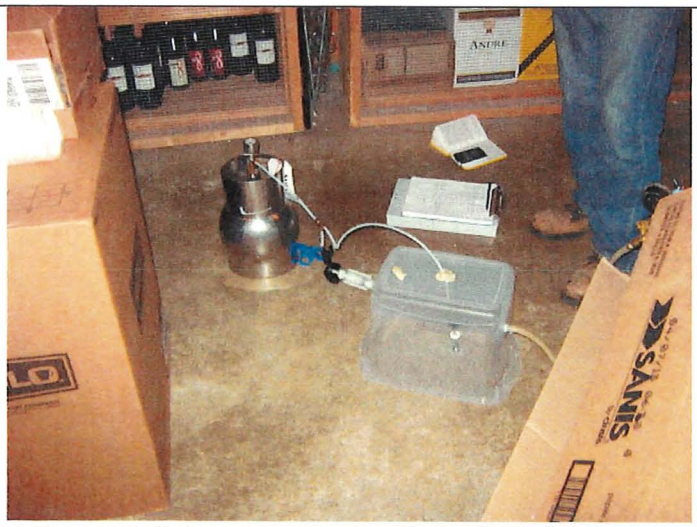


Photo 30: Sub-slab vapor sampling using 6-liter Summa canister at SSV-8.

Photo 31: Vapor Pin removed and concrete patched at SSV-8.

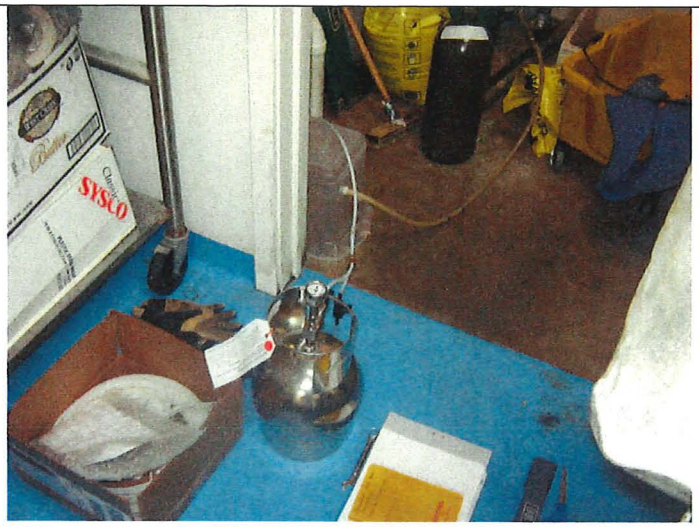


Photo 32: Sub-slab vapor sampling using 6-liter Summa canister at SSV-9.

Photo 33: Flush mount cap at SSV-9.

C

ATTACHMENT C

LABORATORY ANALYTICAL REPORTS

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

July 02, 2013

Nicole LaPlant
Robert E. Lee & Associates
4664 Golden Pond Park Ct.
Oneida, WI 54155

RE: Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232377

Dear Nicole LaPlant:
Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Aaron Fredrikson for
Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

Pace Analytical®
www.pacelabs.com

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(612)607-1700

CERTIFICATIONS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232377

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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(612)607-1700

SAMPLE SUMMARY

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232377

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10232377001	SSV-1	Air	06/11/13 17:07	06/17/13 09:38
10232377002	SSV-2	Air	06/11/13 18:06	06/17/13 09:38
10232377003	SSV-3	Air	06/11/13 14:48	06/17/13 09:38
10232377004	OA-1	Air	06/11/13 16:30	06/17/13 09:38

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SAMPLE ANALYTE COUNT

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232377

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10232377001	SSV-1	TO-15	CJR	5
10232377002	SSV-2	TO-15	CJR	5
10232377003	SSV-3	TO-15	CJR	5
10232377004	OA-1	TO-15	CJR	5

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ANALYTICAL RESULTS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232377

Sample: SSV-1 Lab ID: **10232377001** Collected: 06/11/13 17:07 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	24.1	29.8		06/29/13 01:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	24.1	29.8		06/29/13 01:06	156-60-5	
Tetrachloroethene	**814**	ug/m3	20.5	29.8		06/29/13 01:06	127-18-4	
Trichloroethene	ND	ug/m3	16.4	29.8		06/29/13 01:06	79-01-6	
Vinyl chloride	ND	ug/m3	7.7	29.8		06/29/13 01:06	75-01-4	

Sample: SSV-2 Lab ID: **10232377002** Collected: 06/11/13 18:06 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	6.0	7.45		07/02/13 00:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	6.0	7.45		07/02/13 00:51	156-60-5	
Tetrachloroethene	**706**	ug/m3	5.1	7.45		07/02/13 00:51	127-18-4	
Trichloroethene	ND	ug/m3	4.1	7.45		07/02/13 00:51	79-01-6	
Vinyl chloride	ND	ug/m3	1.9	7.45		07/02/13 00:51	75-01-4	

Sample: SSV-3 Lab ID: **10232377003** Collected: 06/11/13 14:48 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	**334**	ug/m3	24.1	29.8		06/29/13 01:56	156-59-2	
trans-1,2-Dichloroethene	**170**	ug/m3	24.1	29.8		06/29/13 01:56	156-60-5	
Tetrachloroethene	**1070000**	ug/m3	3520	5111.3		07/02/13 11:45	127-18-4	A3
Trichloroethene	**1670**	ug/m3	16.4	29.8		06/29/13 01:56	79-01-6	
Vinyl chloride	ND	ug/m3	7.7	29.8		06/29/13 01:56	75-01-4	

Sample: OA-1 Lab ID: **10232377004** Collected: 06/11/13 16:30 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.49		07/02/13 08:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.49		07/02/13 08:47	156-60-5	
Tetrachloroethene	ND	ug/m3	1.0	1.49		07/02/13 08:47	127-18-4	
Trichloroethene	**1.6**	ug/m3	0.82	1.49		07/02/13 08:47	79-01-6	
Vinyl chloride	ND	ug/m3	0.39	1.49		07/02/13 08:47	75-01-4	

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QUALITY CONTROL DATA

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232377

QC Batch: AIR/17686 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10232377001, 10232377003

METHOD BLANK: 1468323 Matrix: Air
Associated Lab Samples: 10232377001, 10232377003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	06/28/13 15:50	
Tetrachloroethene	ug/m3	ND	0.69	06/28/13 15:50	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	06/28/13 15:50	
Trichloroethene	ug/m3	ND	0.55	06/28/13 15:50	
Vinyl chloride	ug/m3	ND	0.26	06/28/13 15:50	

LABORATORY CONTROL SAMPLE: 1468324

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	34.0	84	73-135	
Tetrachloroethene	ug/m3	69	61.6	89	66-135	
trans-1,2-Dichloroethene	ug/m3	40.3	32.8	81	68-129	
Trichloroethene	ug/m3	54.6	60.0	110	68-134	
Vinyl chloride	ug/m3	26	18.6	72	64-134	

SAMPLE DUPLICATE: 1469515

Parameter	Units	10232850001 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	ND	1.7		25	
trans-1,2-Dichloroethene	ug/m3	188	184	2	25	
Trichloroethene	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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QUALITY CONTROL DATA

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232377

QC Batch: AIR/17702
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10232377002, 10232377004

METHOD BLANK: 1469699 Matrix: Air
Associated Lab Samples: 10232377002, 10232377004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 18:16	
Tetrachloroethene	ug/m3	ND	0.69	07/01/13 18:16	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 18:16	
Trichloroethene	ug/m3	ND	0.55	07/01/13 18:16	
Vinyl chloride	ug/m3	ND	0.26	07/01/13 18:16	

LABORATORY CONTROL SAMPLE: 1469700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	47.6	118	73-135	
Tetrachloroethene	ug/m3	69	81.1	118	66-135	
trans-1,2-Dichloroethene	ug/m3	40.3	47.8	119	68-129	
Trichloroethene	ug/m3	54.6	57.4	105	68-134	
Vinyl chloride	ug/m3	26	31.7	122	64-134	

SAMPLE DUPLICATE: 1470012

Parameter	Units	10232383002 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	69.5	69.3	.2	25	
trans-1,2-Dichloroethene	ug/m3	10.2	10.1	1	25	
Trichloroethene	ug/m3	2.2	2.1	3	25	
Vinyl chloride	ug/m3	ND	ND		25	

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QUALIFIERS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232377

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

A3 The sample was analyzed by serial dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232377

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10232377001	SSV-1	TO-15	AIR/17686		
10232377002	SSV-2	TO-15	AIR/17702		
10232377003	SSV-3	TO-15	AIR/17686		
10232377004	OA-1	TO-15	AIR/17702		

10232377

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

11404

Page: 1 of 1

Section A Required Client Information:

Company: Robert E. Lee - Associates
Address: 4664 Golden Pond Park Ct. Hobart, WI 54155
Email To: nlaplant@releeinc.com
Phone: 920-662-9641 Fax: —
Requested Due Date/TAT: normal

Section B Required Project Information:

Report To: Nicole LaPlant
Copy To:
Purchase Order No.:
Project Name: Donaldsons One Hr. Cleaners
Project Number: 4754-004

Section C Invoice Information:

Attention: Nicole LaPlant
Company Name: Robert E. Lee - Associates
Address: 4664 Golden Pond Park Ct, Hobart WI 54155
Pace Quote Reference: 7917
Pace Project Manager/Sales Rep.: Carolynne Trout
Pace Profile #:

Program: UST | Superfund | Emissions | Clean Air Act | Voluntary Clean Up [X] Dry Clean | RCRA | Other
Location of Sampling by State: WI
Reporting Units: ug/m³ [X] mg/m³ PPBV PPMV Other
Report Level: II. III. IV. Other

Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	COLLECTED COMPOSITE START END/GRAB TIME	COLLECTED COMPOSITE - DATE	COLLECTED COMPOSITE - TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C- Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	SSV-1	6LC		6-11-13	1627	6-11-13	1707	-30	-4	-2528									X		001
2	SSV-2	6LC		6-11-13	1728	6-11-13	1806	-29	-5	16377									X		002
3	SSV-3	6LC		6-11-13	1401	6-11-13	1448	-30	-3	07255									X		003
4	OA-1	6LC		6-11-13	0853	6-11-13	1630	-30	-2	17555	-0097								X		004
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

5 Compounds Only
- PCE, TCE, cis-DCE, trans-DCE, VC

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Dan Eichstadt / Robert E Lee	6-13-13	1600	Pace	6/17/13	0933

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Dan Eichstadt
SIGNATURE of SAMPLER: Dan Eichstadt
DATE Signed (MM / DD / YY): 06/13/13

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
AMB	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

ORIGINAL

Air Sample Condition Upon Receipt

Client Name: Robert E. Lee

Project #: WO#: 10232377

10232377

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 8388360 00023182

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other:

Temp. (TO17 and TO13 samples only) (°C): AMB **Corrected Temp (°C):** _____ **Thermom. Used:** ☐ B88A912167504 ☐ 80512447 ☐ 72337080

Temp should be above freezing to 6°C **Correction Factor:** _____ **Date & Initials of Person Examining Contents:** 6/17/13 AF

				Comments:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: Air				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received: 4 cans, 4 FC

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
SSV-1	0252		FC0664		
SSV-2	1637		FC0623		
SSV-3	0725		FC0591		
GA-1	1775		FC0097		

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: _____ **Date:** 6/17/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e o hold, incorrect preservative, out of temp, incorrect containers)

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July 02, 2013

Nicole LaPlant
Robert E. Lee & Associates
4664 Golden Pond Park Ct.
Oneida, WI 54155

RE: Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232381

Dear Nicole LaPlant:
Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Aaron Fredrikson for
Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232381

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232381

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10232381001	IA-1	Air	06/11/13 15:47	06/17/13 09:38
10232381002	IA-2	Air	06/11/13 16:01	06/17/13 09:38
10232381003	IA-4	Air	06/12/13 15:06	06/17/13 09:38
10232381004	IA-5	Air	06/12/13 15:12	06/17/13 09:38

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SAMPLE ANALYTE COUNT

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232381

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10232381001	IA-1	TO-15	CJR	5
10232381002	IA-2	TO-15	CJR	5
10232381003	IA-4	TO-15	CJR	5
10232381004	IA-5	TO-15	CJR	5

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ANALYTICAL RESULTS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232381

Sample: IA-1 **Lab ID: 10232381001** Collected: 06/11/13 15:47 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15				PAGV			
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	.323	07/01/13 22:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	.323	07/01/13 22:30	156-60-5	
Tetrachloroethene	**29.0**	ug/m3	1.1	1.61	4.21	07/01/13 22:30	127-18-4	
Trichloroethene	ND	ug/m3	0.89	1.61	.163	07/01/13 22:30	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	1.61	.162	07/01/13 22:30	75-01-4	

Sample: IA-2 **Lab ID: 10232381002** Collected: 06/11/13 16:01 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.55	.323	07/01/13 22:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	1.55	.323	07/01/13 22:58	156-60-5	
Tetrachloroethene	**61.0**	ug/m3	1.1	1.55	8.85	07/01/13 22:58	127-18-4	
Trichloroethene	**22.4**	ug/m3	0.85	1.55	4.1	07/01/13 22:58	79-01-6	
Vinyl chloride	ND	ug/m3	0.40	1.55	.154	07/01/13 22:58	75-01-4	

Sample: IA-4 **Lab ID: 10232381003** Collected: 06/12/13 15:06 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	.323	07/01/13 23:55	156-59-2	
trans-1,2-Dichloroethene	**15.8**	ug/m3	1.3	1.61	3.92	07/01/13 23:55	156-60-5	
Tetrachloroethene	**28.4**	ug/m3	1.1	1.61	4.12	07/01/13 23:55	127-18-4	
Trichloroethene	**4.1**	ug/m3	0.89	1.61	0.75	07/01/13 23:55	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	1.61	.162	07/01/13 23:55	75-01-4	

Sample: IA-5 **Lab ID: 10232381004** Collected: 06/12/13 15:12 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.4	1.68	.347	07/01/13 23:26	156-59-2	
trans-1,2-Dichloroethene	**10.6**	ug/m3	1.4	1.68	2.63	07/01/13 23:26	156-60-5	
Tetrachloroethene	**17.8**	ug/m3	1.2	1.68	2.58	07/01/13 23:26	127-18-4	
Trichloroethene	**1.3**	ug/m3	0.92	1.68	0.124	07/01/13 23:26	79-01-6	
Vinyl chloride	ND	ug/m3	0.44	1.68	.169	07/01/13 23:26	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232381

QC Batch: AIR/17702 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10232381001, 10232381002, 10232381003, 10232381004

METHOD BLANK: 1469699 Matrix: Air
Associated Lab Samples: 10232381001, 10232381002, 10232381003, 10232381004

Convert to ppbv

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 18:16	
Tetrachloroethene	ug/m3	ND	0.69	07/01/13 18:16	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 18:16	
Trichloroethene	ug/m3	ND	0.55	07/01/13 18:16	
Vinyl chloride	ug/m3	ND	0.26	07/01/13 18:16	

LABORATORY CONTROL SAMPLE: 1469700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	47.6	118	73-135	
Tetrachloroethene	ug/m3	69	81.1	118	66-135	
trans-1,2-Dichloroethene	ug/m3	40.3	47.8	119	68-129	
Trichloroethene	ug/m3	54.6	57.4	105	68-134	
Vinyl chloride	ug/m3	26	31.7	122	64-134	

SAMPLE DUPLICATE: 1470012

Parameter	Units	10232383002 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	69.5	69.3	.2	25	
trans-1,2-Dichloroethene	ug/m3	10.2	10.1	1	25	
Trichloroethene	ug/m3	2.2	2.1	3	25	
Vinyl chloride	ug/m3	ND	ND		25	

REPORT OF LABORATORY ANALYSIS

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(612)607-1700

QUALIFIERS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232381

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232381

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10232381001	IA-1	TO-15	AIR/17702		
10232381002	IA-2	TO-15	AIR/17702		
10232381003	IA-4	TO-15	AIR/17702		
10232381004	IA-5	TO-15	AIR/17702		

10232381

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

11405

Page: 1 of 1

Section A Required Client Information:

Company:	Robert E. Lee & Associates, Inc
Address:	4664 Golden Pond Park Court Hobart, WI 54155
Email To:	nlaplant@releeinc.com
Phone: 920-662-9641	Fax: —
Requested Due Date/TAT:	normal

Section B Required Project Information:

Report To:	Nicole LaPlant
Copy To:	
Purchase Order No.:	
Project Name:	Donald Sons One Hr. Cleaners
Project Number:	4764 -004

Section C Invoice Information:

Attention:	Nicole LaPlant
Company Name:	Robert E. Lee & Associates, Inc.
Address:	4664 Golden Pond Park Ct, Hobart, WI 54155
Pace Quote Reference:	7917
Pace Project Manager/Sales Rep.	Carolynne Trout
Pace Profile #:	

Program: UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☒ Dry Clean ☐ RCRA ☐ Other ____

Location of Sampling by State: WI

Reporting Units: ug/m³ ☒ mg/m³ ☐ PPBV ☐ PPMV ☐ Other ☐

Report Level II. ☐ III. ☐ IV. ☐ Other ☐

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	COLLECTED COMPOSITE START END/GRAB TIME	COLLECTED COMPOSITE - DATE	COLLECTED COMPOSITE - TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C- Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	IA-1	6LC		6-11-13	0900	6-11-13	1547	-30	-4.5	1206	-03995								X		001
2	IA-2	6LC		6-11-13	0918	6-11-13	1601	-24	-3	1069	-02911								X		002
3	~~IA-3~~ DE																				
4	IA-4	6LC		6-12-13	0821	6-12-13	1506	-28	-2	-572	-03611								X		003
5	IA-5	6LC		6-12-13	0824	6-12-13	1512	-30	-6	-987	-01222								X		004
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

5 compounds Only
-PCE, TCE, cis-DCE,
Trans-DCE, VC

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Dan Eichstadt/Robert E Lee	6-13-13	1600	[signature]	6/17/13	0938

SAMPLE CONDITIONS

	Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
AMB		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Dan Eichstadt

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY): 06/13/13

ORIGINAL

Air Sample Condition Upon Receipt

Client Name: Robert E. Lee

Project #: WO#: 10232381

10232381

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 035883600 0002317 5

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other:

Temp. (TO17 and TO13 samples only) (°C): AMB **Corrected Temp (°C):** _____ **Thermom. Used:** ☐ B88A912167504 ☐ 80512447 ☐ 72337080

Temp should be above freezing to 6°C **Correction Factor:** _____ **Date & Initials of Person Examining Contents:** 6/7/13 AF

				Comments:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: A:C				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received: 4 cans, 4 FC

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
IA-1	1206		FC0395		
IA-2	1069		FC0291		
IA-4	0572		FC0361		
IA-5	0987		FC0122		

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: _____ **Date:** 6/7/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e out hold, incorrect preservative, out of temp, incorrect containers)

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July 03, 2013

Nicole LaPlant
Robert E. Lee & Associates
4664 Golden Pond Park Ct.
Oneida, WI 54155

RE: Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232383

Dear Nicole LaPlant:
Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Aaron Fredrikson for
Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232383

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nebraska Certification #: Pace
Nevada Certification #: MN_00064
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232383

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10232383001	SSV-4	Air	06/12/13 16:20	06/17/13 09:38
10232383002	SSV-5	Air	06/12/13 17:09	06/17/13 09:38
10232383003	OA-2	Air	06/12/13 15:37	06/17/13 09:38
10232383004	OA-3	Air	06/12/13 16:01	06/17/13 09:38

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SAMPLE ANALYTE COUNT

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232383

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10232383001	SSV-4	TO-15	CJR	5
10232383002	SSV-5	TO-15	CJR	5
10232383003	OA-2	TO-15	CJR	5
10232383004	OA-3	TO-15	CJR	5

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232383

Sample: SSV-4 Lab ID: **10232383001** Collected: 06/12/13 16:20 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	<.323	07/01/13 20:09	156-59-2	
trans-1,2-Dichloroethene	**3.6**	ug/m3	1.3	1.61	0.89	07/01/13 20:09	156-60-5	
Tetrachloroethene	**90.1**	ug/m3	1.1	1.61	13.07	07/01/13 20:09	127-18-4	
Trichloroethene	ND	ug/m3	0.89	1.61	<.163	07/01/13 20:09	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	1.61	<.162	07/01/13 20:09	75-01-4	

Sample: SSV-5 Lab ID: **10232383002** Collected: 06/12/13 17:09 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	<.323	07/01/13 20:37	156-59-2	
trans-1,2-Dichloroethene	**10.2**	ug/m3	1.3	1.61	2.53	07/01/13 20:37	156-60-5	
Tetrachloroethene	**69.5**	ug/m3	1.1	1.61	10.80	07/01/13 20:37	127-18-4	
Trichloroethene	**2.2**	ug/m3	0.89	1.61	0.40	07/01/13 20:37	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	1.61	<.162	07/01/13 20:37	75-01-4	

Sample: OA-2 Lab ID: **10232383003** Collected: 06/12/13 15:37 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.5	1.83	<.372	07/01/13 21:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.5	1.83	<.372	07/01/13 21:34	156-60-5	
Tetrachloroethene	ND	ug/m3	1.3	1.83	<.189	07/01/13 21:34	127-18-4	
Trichloroethene	ND	ug/m3	1.0	1.83	<.183	07/01/13 21:34	79-01-6	
Vinyl chloride	ND	ug/m3	0.48	1.83	<.185	07/01/13 21:34	75-01-4	

Sample: OA-3 Lab ID: **10232383004** Collected: 06/12/13 16:01 Received: 06/17/13 09:38 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.4	1.68	<.347	07/01/13 22:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	1.68	<.347	07/01/13 22:02	156-60-5	
Tetrachloroethene	**28.9**	ug/m3	1.2	1.68	4.19	07/01/13 22:02	127-18-4	
Trichloroethene	**1.3**	ug/m3	0.92	1.68	0.24	07/01/13 22:02	79-01-6	
Vinyl chloride	ND	ug/m3	0.44	1.68	<.169	07/01/13 22:02	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232383

QC Batch: AIR/17702 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10232383001, 10232383002, 10232383003, 10232383004

METHOD BLANK: 1469699 Matrix: Air
Associated Lab Samples: 10232383001, 10232383002, 10232383003, 10232383004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 18:16	
Tetrachloroethene	ug/m3	ND	0.69	07/01/13 18:16	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 18:16	
Trichloroethene	ug/m3	ND	0.55	07/01/13 18:16	
Vinyl chloride	ug/m3	ND	0.26	07/01/13 18:16	

LABORATORY CONTROL SAMPLE: 1469700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	47.6	118	73-135	
Tetrachloroethene	ug/m3	69	81.1	118	66-135	
trans-1,2-Dichloroethene	ug/m3	40.3	47.8	119	68-129	
Trichloroethene	ug/m3	54.6	57.4	105	68-134	
Vinyl chloride	ug/m3	26	31.7	122	64-134	

SAMPLE DUPLICATE: 1470012

Parameter	Units	10232383002 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	69.5	69.3	.2	25	
trans-1,2-Dichloroethene	ug/m3	10.2	10.1	1	25	
Trichloroethene	ug/m3	2.2	2.1	3	25	
Vinyl chloride	ug/m3	ND	ND		25	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232383

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232383

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10232383001	SSV-4	TO-15	AIR/17702		
10232383002	SSV-5	TO-15	AIR/17702		
10232383003	OA-2	TO-15	AIR/17702		
10232383004	OA-3	TO-15	AIR/17702		

lo232383

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

11406

Page: 1 of 1

Section A Required Client Information:

Company: Robert E Lee & Associates, Inc.
Address: 4664 Golden Pond Park Court
Hobart, WI 54155
Email To: nlaplant@rekeinc.com
Phone: 920-662-9641 Fax:
Requested Due Date/TAT: Normal

Section B Required Project Information:

Report To: Nicole LaPlant
Copy To:
Purchase Order No.:
Project Name: Donaldsons Dry Cleaners
Project Number: 4754-004

Section C Invoice Information:

Attention: Nicole LaPlant
Company Name: Robert E. Lee & Associates, Inc.
Address: 4664 Golden Pond Park Court, Hobart, WI 54155
Pace Quote Reference: 7917
Pace Project Manager/Sales Rep.: Carolynne Trout
Pace Profile #:

Program: UST | Superfund | Emissions | Clean Air Act | Voluntary Clean Up | X Dry Clean | RCRA | Other

Location of Sampling by State: WI

Reporting Units: ug/m³ X | mg/m³ | PPBV | PPMV | Other

Report Level II. III. IV. Other

Section D Required Client Information

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	COLLECTED COMPOSITE START END/GRAB TIME	COLLECTED COMPOSITE - DATE	COLLECTED COMPOSITE - TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C: Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	SSU-4	6LC		6-12-13	1544	6-12-13	1620	-29.5	-5.0	-669									X		001
2	SSU-5	6LC		6-12-13	1632	6-12-13	1709	-30.0	-5.5	1621									X		002
3	OA-2	6LC		6-12-13	0930	6-12-13	1538	-30.0	-7.0	-977	-0334								X		003
4	OA-3	6LC		6-12-13	0940	6-12-13	1601	-30.0	-7.0	-839	-0079								X		004
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

5 compounds Only

-PCE, TCE, cis-DCE, trans-DCE, VC

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Dan Eichstadt/Robert E Lee	6/13/13	1600	[signature]/Pace	6/17/13	0938

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Dan Eichstadt

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 06/13/2013

SAMPLE CONDITIONS				
Temp In °C	AMB			
Received on Ice	Y/N	Y/N	Y/N	Y/N
Custody Sealed Cooler	Y/N	Y/N	Y/N	Y/N
Samples Intact	Y/N	Y/N	Y/N	Y/N

ORIGINAL

Air Sample Condition Upon Receipt

Client Name: Robert E. Lee

Project #: WO#: 10232383

10232383

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 038836000023168

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other:

Temp. (TO17 and TO13 samples only) (°C): AMB **Corrected Temp (°C):** **Thermom. Used:** ☐ B88A912167504 ☐ 80512447 ☐ 72337080

Temp should be above freezing to 6°C **Correction Factor:** **Date & Initials of Person Examining Contents:** 6/17/13 AF

				Comments:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: Air				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received: 4 cans, 4 FC

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
SSV-4	0669		FC0485		
SSV-5	1621		FC0637		
17/13 AF SS OA-2	0977		FC0334		
OA-3	0839		FC0079		

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: AF **Date:** 6/17/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e ou hold, incorrect preservative, out of temp, incorrect containers)

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1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

July 03, 2013

Nicole LaPlant
Robert E. Lee & Associates
4664 Golden Pond Park Ct.
Oneida, WI 54155

RE: Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232729

Dear Nicole LaPlant:
Enclosed are the analytical results for sample(s) received by the laboratory on June 19, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Aaron Fredrikson for
Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232729

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nebraska Certification #: Pace
Nevada Certification #: MN_00064
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232729

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10232729001	SSV-6	Air	06/17/13 08:31	06/19/13 10:15
10232729002	SSV-8	Air	06/17/13 09:53	06/19/13 10:15
10232729003	Unlabeled PACE0707	Air	06/17/13 00:00	06/19/13 10:15
10232729004	Unlabeled PACE0513	Air	06/17/13 00:00	06/19/13 10:15

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SAMPLE ANALYTE COUNT

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232729

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10232729001	SSV-6	TO-15	CJR	5
10232729002	SSV-8	TO-15	CJR, DR1	5

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ANALYTICAL RESULTS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232729

Sample: SSV-6 **Lab ID: 10232729001** Collected: 06/17/13 08:31 Received: 06/19/13 10:15 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.55		07/02/13 09:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	1.55		07/02/13 09:40	156-60-5	
Tetrachloroethene	**56.5**	ug/m3	1.1	1.55		07/02/13 09:40	127-18-4	
Trichloroethene	ND	ug/m3	0.85	1.55		07/02/13 09:40	79-01-6	
Vinyl chloride	ND	ug/m3	0.40	1.55		07/02/13 09:40	75-01-4	

Sample: SSV-8 **Lab ID: 10232729002** Collected: 06/17/13 09:53 Received: 06/19/13 10:15 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	**152**	ug/m3	1.2	1.49		07/02/13 03:18	156-59-2	
trans-1,2-Dichloroethene	**3.3**	ug/m3	1.2	1.49		07/02/13 03:18	156-60-5	
Tetrachloroethene	**11900**	ug/m3	82.1	119.2		07/02/13 10:30	127-18-4	A3
Trichloroethene	**138**	ug/m3	0.82	1.49		07/02/13 03:18	79-01-6	
Vinyl chloride	ND	ug/m3	0.39	1.49		07/02/13 03:18	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232729

QC Batch: AIR/17697
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10232729002

METHOD BLANK: 1469480 Matrix: Air
Associated Lab Samples: 10232729002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 15:46	
Tetrachloroethene	ug/m3	ND	0.69	07/01/13 15:46	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 15:46	
Trichloroethene	ug/m3	ND	0.55	07/01/13 15:46	
Vinyl chloride	ug/m3	ND	0.26	07/01/13 15:46	

LABORATORY CONTROL SAMPLE: 1469481

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	36.3	90	73-135	
Tetrachloroethene	ug/m3	69	66.4	96	66-135	
trans-1,2-Dichloroethene	ug/m3	40.3	34.6	86	68-129	
Trichloroethene	ug/m3	54.6	53.9	99	68-134	
Vinyl chloride	ug/m3	26	24.4	94	64-134	

SAMPLE DUPLICATE: 1470010

Parameter	Units	10233526001 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	ND	ND		25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232729

QC Batch: AIR/17702
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10232729001

METHOD BLANK: 1469699 Matrix: Air
Associated Lab Samples: 10232729001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 18:16	
Tetrachloroethene	ug/m3	ND	0.69	07/01/13 18:16	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 18:16	
Trichloroethene	ug/m3	ND	0.55	07/01/13 18:16	
Vinyl chloride	ug/m3	ND	0.26	07/01/13 18:16	

LABORATORY CONTROL SAMPLE: 1469700

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	47.6	118	73-135	
Tetrachloroethene	ug/m3	69	81.1	118	66-135	
trans-1,2-Dichloroethene	ug/m3	40.3	47.8	119	68-129	
Trichloroethene	ug/m3	54.6	57.4	105	68-134	
Vinyl chloride	ug/m3	26	31.7	122	64-134	

SAMPLE DUPLICATE: 1470012

Parameter	Units	10232383002 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	69.5	69.3	.2	25	
trans-1,2-Dichloroethene	ug/m3	10.2	10.1	1	25	
Trichloroethene	ug/m3	2.2	2.1	3	25	
Vinyl chloride	ug/m3	ND	ND		25	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232729

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

A3 The sample was analyzed by serial dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232729

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10232729001	SSV-6	TO-15	AIR/17702		
10232729002	SSV-8	TO-15	AIR/17697		

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10232729

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

11407A

Page: 1 of 1

Section A Required Client Information:

Company: Robert E. Lee & Associates
Address: 4664 Golden Pond Park Ct
Hobart, WI 54155
Email To: nlaplant@reeinc.com
Phone: 920-662-9641 Fax:
Requested Due Date/TAT: normal

Section B Required Project Information:

Report To: Nicole LaPlant
Copy To:
Purchase Order No.:
Project Name: Donaldsons One Hr. Cleaners
Project Number: 4754-004

Section C Invoice Information:

Attention: Nicole LaPlant
Company Name: Robert E. Lee & Associates
Address: 4664 Golden Pond Park Ct, Hobart, WI 54155
Pace Quote Reference: 7917
Pace Project Manager/Sales Rep. Carolynne Trout
Pace Profile #:

Program: UST Superfund Emissions Clean Air Act
Voluntary Clean Up X Dry Clean RCRA Other

Location of Sampling by State: WI

Reporting Units: ug/m³ X mg/m³ PPBV PPMV Other

Report Level II. III. IV. Other

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	COLLECTED COMPOSITE START END/GRAB TIME	COLLECTED COMPOSITE - DATE	COLLECTED COMPOSITE - TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C- Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	SSV-6	6LC		6-17-13	0755	6-17-13	0831	-30	-4	1547									X		
2	SSV-8	6LC		6-17-13	0912	6-17-13	0953	-29.5	-3.5	1552									X		
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

5 compounds only
-PCE, TCE, cis-DCE

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Dan Eichstadt (REE)	6-18-13	12:00pm	[signature] Pace	6/19/13	1015

SAMPLE CONDITIONS

cool	(N/A)	(N/A)	(N/A)
	N/A	N/A	N/A
	N/A	N/A	N/A
	N/A	N/A	N/A

Air Sample Condition Upon Receipt

Client Name: Robert Elec & Assoc

Project #: WO#: 10232729

10232729

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other: _____

Tracking Number: 0364360 0002 3106

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other: _____

Temp. (TO17 and TO13 samples only) (°C): room **Corrected Temp (°C):** _____ **Thermom. Used:** ☐ B88A912167504 ☐ 80522447 ☐ 72337080

Temp should be above freezing to 6°C **Correction Factor:** _____ **Date & Initials of Person Examining Contents:** 06/19/13

Comments:

Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: 4 cans 4 FC's				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12 2 cans unlabeled & not on COC

Samples Received:

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
SSV-6	Pace 0047		FC 0613		
SSV-8	" 0152		FC 0673		
Unlabeled	" 0707		FC 0574		
"	" 0513		FC 0552		

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: _____ **Date:** 06/20/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e . hold, incorrect preservative, out of temp, incorrect containers)

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July 03, 2013

Nicole LaPlant
Robert E. Lee & Associates
4664 Golden Pond Park Ct.
Oneida, WI 54155

RE: Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232727

Dear Nicole LaPlant:
Enclosed are the analytical results for sample(s) received by the laboratory on June 19, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Aaron Fredrikson for
Carolynne Trout
carolynne.trout@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232727

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nebraska Certification #: Pace
Nevada Certification #: MN_00064
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232727

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10232727001	SSV-9	Air	06/17/13 11:01	06/19/13 10:15
10232727002	IA-6	Air	06/17/13 06:31	06/19/13 10:15
10232727003	OA-5	Air	06/17/13 06:38	06/19/13 10:15

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SAMPLE ANALYTE COUNT

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232727

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10232727001	SSV-9	TO-15	DR1	5
10232727002	IA-6	TO-15	DR1	5
10232727003	OA-5	TO-15	DR1	5

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ANALYTICAL RESULTS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232727

Sample: SSV-9 **Lab ID: 10232727001** Collected: 06/17/13 11:01 Received: 06/19/13 10:15 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.49	<.298	07/02/13 02:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.49	<.298	07/02/13 02:09	156-60-5	
Tetrachloroethene	**25.6**	ug/m3	1.0	1.49	3.71	07/02/13 02:09	127-18-4	
Trichloroethene	ND	ug/m3	0.82	1.49	<.150	07/02/13 02:09	79-01-6	
Vinyl chloride	ND	ug/m3	0.39	1.49	<.150	07/02/13 02:09	75-01-4	

Sample: IA-6 **Lab ID: 10232727002** Collected: 06/17/13 06:31 Received: 06/19/13 10:15 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	.323	07/02/13 02:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	.323	07/02/13 02:44	156-60-5	
Tetrachloroethene	ND	ug/m3	1.1	1.61	.16	07/02/13 02:44	127-18-4	
Trichloroethene	ND	ug/m3	0.89	1.61	.163	07/02/13 02:44	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	1.61	.162	07/02/13 02:44	75-01-4	

Sample: OA-5 **Lab ID: 10232727003** Collected: 06/17/13 06:38 Received: 06/19/13 10:15 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	<.323	07/02/13 01:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	<.323	07/02/13 01:35	156-60-5	
Tetrachloroethene	**3.8**	ug/m3	1.1	1.61	0.55	07/02/13 01:35	127-18-4	
Trichloroethene	ND	ug/m3	0.89	1.61	<.163	07/02/13 01:35	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	1.61	<.162	07/02/13 01:35	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232727

QC Batch: AIR/17697 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10232727001, 10232727002, 10232727003

METHOD BLANK: 1469480 Matrix: Air
Associated Lab Samples: 10232727001, 10232727002, 10232727003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 15:46	
Tetrachloroethene	ug/m3	ND	0.69	07/01/13 15:46	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 15:46	
Trichloroethene	ug/m3	ND	0.55	07/01/13 15:46	
Vinyl chloride	ug/m3	ND	0.26	07/01/13 15:46	

LABORATORY CONTROL SAMPLE: 1469481

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	36.3	90	73-135	
Tetrachloroethene	ug/m3	69	66.4	96	66-135	
trans-1,2-Dichloroethene	ug/m3	40.3	34.6	86	68-129	
Trichloroethene	ug/m3	54.6	53.9	99	68-134	
Vinyl chloride	ug/m3	26	24.4	94	64-134	

SAMPLE DUPLICATE: 1470010

Parameter	Units	10233526001 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	ND	ND		25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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QUALIFIERS

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232727

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 4754-004 Donaldsons One Hr.
Pace Project No.: 10232727

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10232727001	SSV-9	TO-15	AIR/17697		
10232727002	IA-6	TO-15	AIR/17697		
10232727003	OA-5	TO-15	AIR/17697		

10232727

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

11407

Page: 1 of 1

Section A Required Client Information:

Company: Robert E. Lee & Associates
Address: 4664 Golden Pond Park Ct
Hobart, WI 54155
Email To: nlaplant@releinc.com
Phone: 920-862-9641 Fax:
Requested Due Date/TAT: Normal

Section B Required Project Information:

Report To: Nicole LaPlant
Copy To:
Purchase Order No.:
Project Name: Donaldsons One Hr. Cleaners
Project Number: 4754-004

Section C Invoice Information:

Attention: Nicole LaPlant
Company Name: Robert E. Lee & Associates
Address: 4664 Golden Pond Park Ct, Hobart, WI 54155
Pace Quote Reference: 7917
Pace Project Manager/Sales Rep.: Carolynne Trout
Pace Profile #:

Program: UST | Superfund | Emissions | Clean Air Act | Voluntary Clean Up | Dry Clean | RCRA | Other

Location of Sampling by State: WI

Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level II.___ III.___ IV.___ Other___

Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	COLLECTED COMPOSITE START END/GRAB TIME	COLLECTED COMPOSITE - DATE	COLLECTED COMPOSITE - TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C-Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	SSV-9	6LC		6-17-13	1021	6-17-13	1101	-30	-4	6855									X		001
2	IA-6	6LC		6-17-13	0615	6-17-13	0631	-26	-4	16711	03633								X		002
3	OA-5	6LC		6-16-13	2359	6-17-13	0638	-29	-3	20402	02855								X		003
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

5 compounds only
PCE, TCE, cis-DCE
trans-DCE, VC

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Dan Eichstadt	6-18-13	12:00 pm	[illegible]/pace	6/19/13	0745

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
cool	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Dan Eichstadt

SIGNATURE of SAMPLER: Dan Eichstadt

DATE Signed (MM / DD / YY): 06/18/13

ORIGINAL

Air Sample Condition Upon Receipt

Client Name: Robert E Lee & Assoc. **Project #:** WO#: 10232727

10232727

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Tracking Number: 8360 0012 3090

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other:

Temp. (TO17 and TO13 samples only) (°C): cred **Corrected Temp (°C):** _____ **Thermom. Used:** ☐ B88A912167504 ☐ 80512447 ☐ 72337080

Temp should be above freezing to 6°C **Correction Factor:** _____ **Date & Initials of Person Examining Contents:** 6/19/13

Comments:

Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: 3 Cans 3 FC's				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received:

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
SSV-7	Face 0685		FC 0649		
IA-6	" 1671		FC 0363		
OA-5	" 2090		FC 0285		

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: _____ **Date:** 06/20/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e hold, incorrect preservative, out of temp, incorrect containers)

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July 02, 2013

Nicole LaPlant
Robert E. Lee & Associates
4664 Golden Pond Park Ct.
Oneida, WI 54155

RE: Project: 4754-004 Donaldsons One Hr. Cl
Pace Project No.: 10232728

Dear Nicole LaPlant:
Enclosed are the analytical results for sample(s) received by the laboratory on June 19, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Carolynne Trout

Carolynne Trout

carolynne.trout@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: 4754-004 Donaldsons One Hr. CI
Pace Project No.: 10232728

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
Washington Certification #: C754
West Virginia Certification #: 382
Wisconsin Certification #: 999407970

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SAMPLE SUMMARY

Project: 4754-004 Donaldsons One Hr. CI
Pace Project No.: 10232728

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10232728001	IA-8	Air	06/17/13 07:35	06/19/13 10:15
10232728002	IA-9	Air	06/17/13 06:50	06/19/13 10:15
10232728003	IA-7	Air	06/17/13 07:03	06/19/13 10:15
10232728004	OA-4	Air	06/17/13 06:46	06/19/13 10:15

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SAMPLE ANALYTE COUNT

Project: 4754-004 Donaldsons One Hr. CI
Pace Project No.: 10232728

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10232728001	IA-8	TO-15	DR1	5
10232728002	IA-9	TO-15	DR1	5
10232728003	IA-7	TO-15	DR1	5
10232728004	OA-4	TO-15	DR1	5

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 4754-004 Donaldsons One Hr. CI
Pace Project No.: 10232728

Sample: IA-8 **Lab ID: 10232728001** Collected: 06/17/13 07:35 Received: 06/19/13 10:15 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.55	< .323	07/02/13 01:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	1.55	< .323	07/02/13 01:00	156-60-5	
Tetrachloroethene	**8.5**	ug/m3	1.1	1.55	1.23	07/02/13 01:00	127-18-4	
Trichloroethene	ND	ug/m3	0.85	1.55	< 0.156	07/02/13 01:00	79-01-6	
Vinyl chloride	ND	ug/m3	0.40	1.55	< 0.154	07/02/13 01:00	75-01-4	

Sample: IA-9 **Lab ID: 10232728002** Collected: 06/17/13 06:50 Received: 06/19/13 10:15 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.4	1.68	< .347	07/01/13 22:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	1.68	< .347	07/01/13 22:42	156-60-5	
Tetrachloroethene	ND	ug/m3	1.2	1.68	< .174	07/01/13 22:42	127-18-4	
Trichloroethene	ND	ug/m3	0.92	1.68	< .168	07/01/13 22:42	79-01-6	
Vinyl chloride	ND	ug/m3	0.44	1.68	< .169	07/01/13 22:42	75-01-4	

Sample: IA-7 **Lab ID: 10232728003** Collected: 06/17/13 07:03 Received: 06/19/13 10:15 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	< .323	07/02/13 00:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	< .323	07/02/13 00:26	156-60-5	
Tetrachloroethene	**3.4**	ug/m3	1.1	1.61	0.49	07/02/13 00:26	127-18-4	
Trichloroethene	ND	ug/m3	0.89	1.61	< .163	07/02/13 00:26	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	1.61	< .162	07/02/13 00:26	75-01-4	

Sample: OA-4 **Lab ID: 10232728004** Collected: 06/17/13 06:46 Received: 06/19/13 10:15 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
cis-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	< .323	07/01/13 23:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.3	1.61	< .323	07/01/13 23:51	156-60-5	
Tetrachloroethene	ND	ug/m3	1.1	1.61	< .16	07/01/13 23:51	127-18-4	
Trichloroethene	ND	ug/m3	0.89	1.61	< .163	07/01/13 23:51	79-01-6	
Vinyl chloride	ND	ug/m3	0.42	1.61	< .162	07/01/13 23:51	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 4754-004 Donaldsons One Hr. CI
Pace Project No.: 10232728

QC Batch: AIR/17697 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10232728001, 10232728002, 10232728003, 10232728004

METHOD BLANK: 1469480 Matrix: Air
Associated Lab Samples: 10232728001, 10232728002, 10232728003, 10232728004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 15:46	
Tetrachloroethene	ug/m3	ND	0.69	07/01/13 15:46	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	07/01/13 15:46	
Trichloroethene	ug/m3	ND	0.55	07/01/13 15:46	
Vinyl chloride	ug/m3	ND	0.26	07/01/13 15:46	

LABORATORY CONTROL SAMPLE: 1469481

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	40.3	36.3	90	73-135	
Tetrachloroethene	ug/m3	69	66.4	96	66-135	
trans-1,2-Dichloroethene	ug/m3	40.3	34.6	86	68-129	
Trichloroethene	ug/m3	54.6	53.9	99	68-134	
Vinyl chloride	ug/m3	26	24.4	94	64-134	

SAMPLE DUPLICATE: 1470010

Parameter	Units	10233526001 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	ND	ND		25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	ND	ND		25	
Vinyl chloride	ug/m3	ND	ND		25	

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QUALIFIERS

Project: 4754-004 Donaldsons One Hr. CI
Pace Project No.: 10232728

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 4754-004 Donaldsons One Hr. CI
Pace Project No.: 10232728

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10232728001	IA-8	TO-15	AIR/17697		
10232728002	IA-9	TO-15	AIR/17697		
10232728003	IA-7	TO-15	AIR/17697		
10232728004	OA-4	TO-15	AIR/17697		

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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11408

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Section A Required Client Information:

Company: Robert E Lee & Associates
Address: 4664 Golden Pond Park Ct
Hobart, WI 54155
Email To: nlaplant@releenv.com
Phone: 920-662-9641 Fax:
Requested Due Date/TAT: Normal

Section B Required Project Information:

Report To: Nicole La Plant
Copy To:
Purchase Order No.:
Project Name: Donaldsons One Hr. Cleaners
Project Number: 4754-004

Section C Invoice Information:

Attention: Nicole La Plant
Company Name: Robert E Lee & Associates
Address: 4664 Golden Road Park Ct, Hobart, WI 54155
Pace Quote Reference: 7917
Pace Project Manager/Sales Rep. Carolynne Trost
Pace Profile #:

Program: UST | Superfund | Emissions | Clean Air Act | Voluntary Clean Up | X Dry Clean | RCRA | Other

Location of Sampling by State: WI

Reporting Units: ug/m³ X | mg/m³ | PPBV | PPMV | Other

Report Level II. III. IV. Other

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	COLLECTED COMPOSITE START END/GRAB TIME	COLLECTED COMPOSITE - DATE	COLLECTED COMPOSITE - TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	Method: PM10	3C- Fixed Gas (%)	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15	TO15 Short List*	Pace Lab ID
1	IA-8	6LC		6-17-13	0019	6-17-13	0735	-29	-4	20556	-0327								X		001
2	IA-9	6LC		6-17-13	0021	6-17-13	0650	-29.5	-4.5	08711	-0319								X		002
3	IA-7	6LC		6-17-13	0016	6-17-13	0703	-30	-5	15000	-0215								X		003
4	OA-4	6LC		6-16-13	2358	6-17-13	0646	-30	-5	10788	-0068								X		004
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

5 compounds only
-PCE, TCE, cis-DCE
trans-DCE, VC

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Dan Eichstadt (REL	6-18-13	12:00 pm		6/19/13	1015

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Dan Eichstadt (REL)

SIGNATURE of SAMPLER: Dan Eichstadt DATE Signed (MM / DD / YY): 06/18/13

SAMPLE CONDITIONS			
Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
cool	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

ORIGINAL

Air Sample Condition Upon Receipt

Client Name: Robert E Lee & Assoc

Project #: WO#: 10232728

10232728

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other: _____

Tracking Number: 034 6360 0002 3151

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☒ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other: _____

Temp. (TO17 and TO13 samples only) (°C): amb **Corrected Temp (°C):** _____ **Thermom. Used:** ☐ B88A912167504 ☐ 80512447 ☐ 72337080

Temp should be above freezing to 6°C **Correction Factor:** _____ **Date & Initials of Person Examining Contents:** JRS 6/19/13

				Comments:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Chain of Custody Filled Out?	☒ Yes	☐ No	☐ N/A	2.
Chain of Custody Relinquished?	☒ Yes	☐ No	☐ N/A	3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No	☐ N/A	6.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	7.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	8.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	9.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	10.
Media: 4 Cans 4 FC's				11.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	12.

Samples Received:

Canisters		Flow Controllers		Stand Alone G	
Sample Number	Can ID	Sample Number	Can ID	Sample Number	Can ID
IA-4	face 2056		FC 0327		
" -9	" 0871		FC 0319		
" -7	" 1560		FC 0215		
OA-4	" 1078		FC 0064		

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: _____ **Date:** 06/20/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e c hold, incorrect preservative, out of temp, incorrect containers)