From: Honea, William <HoneaW@AyresAssociates.com>
Sent: Tuesday, March 29, 2022 2:51 PM
To: Saliares, Gwen N - DNR
Cc: Patrick Martin
Subject: RE: Martins One Hour Drycleaner Results Notification BRRTS 02-59-231063
Attachments: 4400-249_Site Investigation Sample Results Notification.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Hi Gwen,

Attached is a Site Investigation Sample Results Notification for the second round of sub-slab vapor testing at the neighboring apartment building. The notification includes a summary table that compares the detected compounds to previous samples and the screening levels. None of the detections exceeded residential VRSLs.

Additionally, I wanted to let you know that a round of groundwater sampling is scheduled for this spring, along with the collection of two soil samples. Also, a letter was sent to the adjacent property owner, Mr. Steve Kearns, notifying him of the previous testing results for his vacant building at 1017 E. Green Bay Street. You should also receive a copy of the letter in the mail.

Thanks,
Bill

Bill Honea, PG
Geologist
Ayres Associates Inc
Office: 920.498.1200 | Direct: 920.327.7815
HoneaW@AyresAssociates.com
www.AyresAssociates.com

From: Honea, William
Sent: Monday, June 7, 2021 1:17 PM
To: Saliares, Gwen N - DNR <gwen.saliares@wisconsin.gov>
Cc: Patrick Martin <amandpm@frontiernet.net>
Subject: Martins One Hour Drycleaner Results Notification BRRTS 02-59-231063

Good afternoon,

The attached Site Investigation Sample Results Notification is for testing sub-slab vapor testing that took place at the dry cleaner building and neighboring properties on May 19th. It includes a site map showing the sample locations, a table summarizing the results, and a copy of the analytical laboratory report.

Please let me know if you have any questions.

Thank you,
Bill

Bill Honea, PG | Geologist
Office: 920.498.1200 | **Direct:** 920.327.7815
3376 Packerland Drive | Ashwaubenon, WI 54115
Ayres Associates Inc | www.AyresAssociates.com

Ingenuity, Integrity, and Intelligence.

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name			DNR ID # (BRRTS #)
Martins One Hour Drycleaners			02-59-231063
Address	**City**	**State**	**ZIP Code**
1025 E Green Bay Rd	Shawano	WI	54116

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

Arlene Martin

Address	City	State	ZIP Code
229 E. 5th Street	Shawano	WI	54166

Contact Person	Phone Number (include area code)

Person or company that collected samples

Ayres Associates

Sample Results (Results Attached)

Reason for Sampling: ○ Routine ◉ Other (define) Part of approved vapor investigation workplan

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	○	○	○
Diesel or Fuel Oil	○	○	○	○
Solvents	◉	○	◉	○
Heavy Metals	○	○	○	○
Pesticides	○	○	○	○
Other: _____	○	○	○	○

This sampling event included sampling of a drinking water well.
○ Yes ◉ No

If yes, the sampled drinking water well had detectable contaminants.
○ Yes ○ No

Contaminants in Vapor	Yes	No
Indoor Air	○	○
Sub-slab	◉	○
Exterior Soil Gas	○	○

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
Ayres Associates	Honea	Bill

Address	City	State	ZIP Code
3376 Packerland Drive	Ashwaubenon	WI	54115

Phone # (inc. area code)	Email
(920) 498-1200	honeaw@ayresassociates.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Saliares	Gwen	(920) 510-4343

Address	City	State	ZIP Code
625 E County Rd Y	Oshkosh	WI	54901

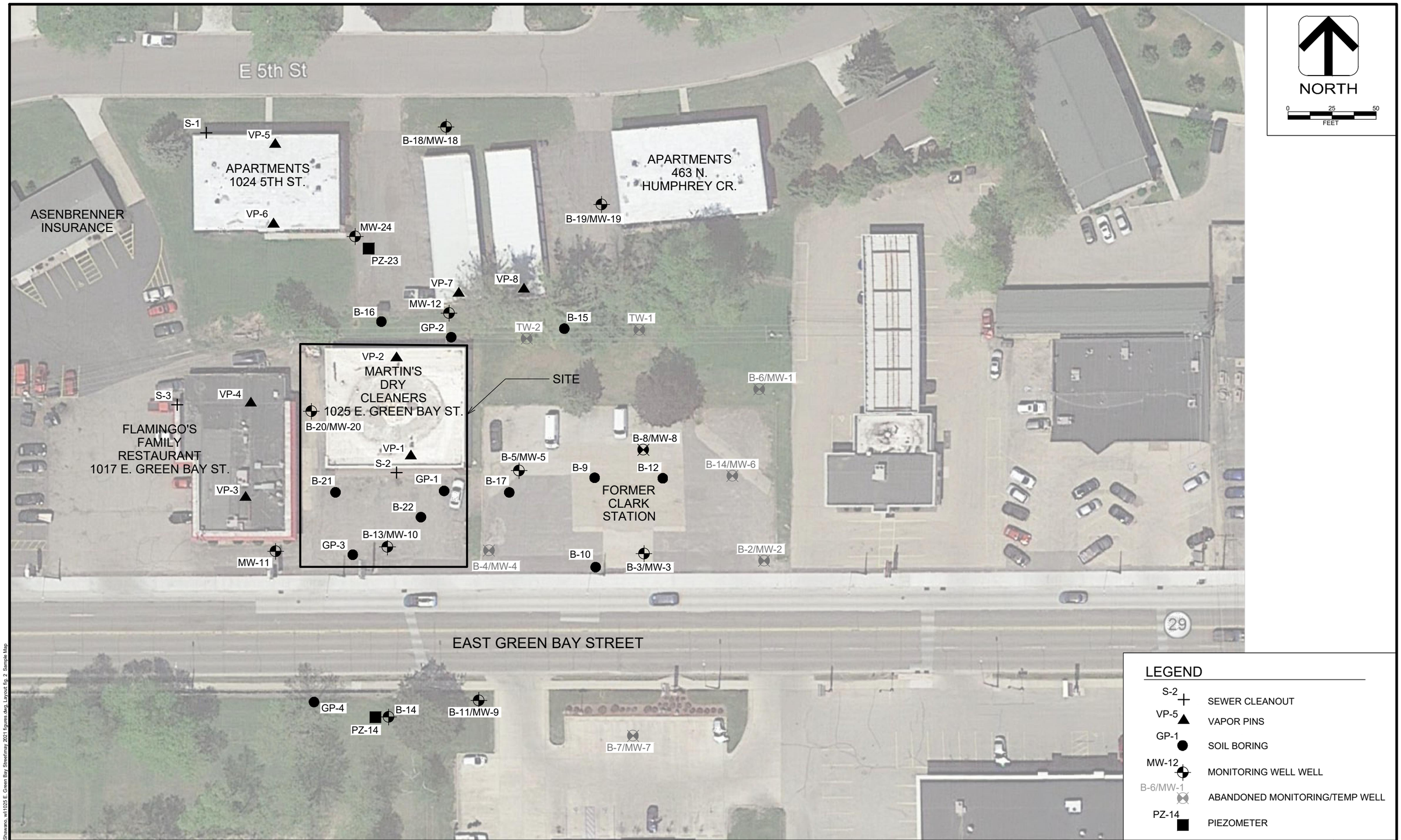
Email
gwen.saliares@wisconsin.gov

Vapor Analyte Detection Summary

BRRTS No. 02-59-231063, Martins One Hour Drycleaners
1025 E. Green Bay Street, Shawano, WI

Analyte	CAS No.	U.S. EPA RSL Basis	Indoor Air VAL		Sub-slab Vapor VRSLs (µg/m3)			Apartments 1024 5th St.					
			Residential	Non-residential	Residential	Small Commercial	Large Commercial/ Industrial	VP-5 5/19/2021	VP-5 2/28/2022	VP-6 5/19/2021	VP-6 2/28/2022	S-1 5/19/2021	S-1 2/28/2022
1,1,2-Trichlorotrifluoroethane	76-13-1	n	5,210	21,900	170,000	730,000	2,200,000	0.55 J	<0.42	0.56 J	<0.40	<0.47	<0.40
1,2,4-Trimethylbenzene	95-63-6	n	63	260	2,100	8,700	26,000	0.97 J	0.92 J	5.5	1.7	<0.58	1.0 J
1,3,5-Trimethylbenzene	108-67-8	n	63	260	2,100	8,700	26,000	<0.51	<0.42	1.9	1.1 J	<0.48	<0.40
1,3-Dichlorobenzene	541-73-1	--	NS	NS	NS	NS	NS	<0.89	<0.73	1.0 J	<0.71	<0.83	<0.71
2-Butanone (MEK)	78-93-3	n	5,210	21,900	170,000	730,000	2,200,000	3.1 J	1.8 J	14.4	9.4	<0.76	0.70 J
2-Hexanone	591-78-6	n	31	131	1,000	4,400	13,000	<0.77	<0.64	<0.71	<0.61	<0.72	<0.61
2-Propanol	67-63-0	n	209	876	7,000	29,000	88,000	9.8	<0.73	26.8	61.8	3.2 J	1.2 J
4-Ethyltoluene	622-96-8	--	NS	NS	NS	NS	NS	<0.83	<0.68	1.5J	2.0J	<0.77	<0.66
4-Methyl-2-pentanone (MIBK)	108-10-1	n	3,130	13,100	100,000	440,000	1,300,000	<0.56	2.1 J	6.2 J	<0.45	0.63 J	<0.45
Acetone	67-64-1	n	32,200	135,000	1,100,000	4,500,000	14,000,000	26.1	10.7	177	22.3	4.6 J	7.4 J
Benzene	71-43-2	c	3.6	16	120	530	1,600	0.35 J	0.62	5.6	1.1	0.51 J	<0.16
Carbon disulfide	75-15-0	n	730	3,070	24,000	100,000	310,000	<0.23	<0.19	6.9	<0.18	0.53 J	<0.18
Chloroform	67-66-3	c	1.22	5	41	180	530	<0.32	<0.26	<0.29	4.0	<0.30	<0.25
Chloromethane	74-87-3	n	94	390	3,100	13,000	39,000	<0.15	1.3	<0.14	1.9	0.81	<0.12
Cyclohexane	110-82-7	n	6,260	26,300	210,000	880,000	2,600,000	2.7 J	1.5 J	16	1.2 J	<0.36	0.56 J
Dichlorodifluoromethane	75-71-8	n	100	440	3,300	15,000	44,000	15.3	1.7	2.2	4.4	2.2	1.4 J
Ethanol	64-17-5	--	NS	NS	NS	NS	NS	156	64.2	139	393	5.1	4.2
Ethyl acetate	141-78-6	n	73	307	2,400	10,000	31,000	<0.23	<0.19	22.7	3.3	<0.21	<0.18
Ethylbenzene	100-41-4	c	11	49	370	1,600	4,900	0.83 J	2.5	6.3	0.80 J	<0.51	<0.43
m&p-Xylene	179601-23-1	n	100	440	3,300	15,000	44,000	2.4 J	8.2	18.3	4.1	1.6 J	1.7 J
n-Heptane	142-82-5	n	417	1,750	14,000	58,000	180,000	2.0	<0.26	12.4	<0.25	0.57 J	0.30 J
n-Hexane	110-54-3	n	730	3,070	24,000	100,000	310,000	2.0	1.6	16.7	2.2	0.58 J	0.31 J
o-Xylene	95-47-6	n	100	440	3,300	15,000	44,000	1.1 J	2.1	6.6	1.7	0.55 J	0.79 J
Styrene	100-42-5	n	1,000	4,400	33,000	150,000	440,000	<0.67	<0.55	1.5	1.3 J	0.70 J	<0.54
Tetrachloroethene (PCE)	127-18-4	n	42	180	1,400	6,000	18,000	1.1 J	<0.42	1.7	0.44 J	<0.48	<0.41
Tetrahydrofuran	109-99-9	n	209	8,760	7,000	290,000	880,000	2.2	<0.26	2.6	7.8	<0.30	<0.25
Toluene	108-88-3	n	5,200	22,000	170,000	730,000	2,200,000	3.7	2.3	52.9	7.3	3.2	1.1
Trichloroethene (TCE)	79-01-6	n	2.1	8.8	70	290	880	<0.34	<0.28	0.32 J	<0.27	<0.32	<0.27
Trichlorofluoromethane	75-69-4	--	NS	NS	NS	NS	NS	1.2 J	<0.34	1.1 J	9.3	1.2 J	<0.32
Xylene (mix)	NA	n	100	440	3,300	15,000	44,000	3.5 J	10.3	24.9	5.8	3.1 J	2.49 J

Notes: < Value less than laboratory limit of detection. J - Value between laboratory limit of detection and limit of quantitation. **Bold** values are greater than or equal to residential VRSLs. **Bold underlined** values are greater than or equal to small commercial VRSLs. ***Bold Underlined Italic*** values are greater than or equal to large commercial/industrial VRSLs.
c - carcinogenic based RSL. n - non-carcinogenic based RSL. VAL - Vapor action level. VRSL - Vapor risk screening level. RSL - Regional screening level. All values are shown in micrograms per cubic meter (µg/m3).



LEGEND

- S-2 — SEWER CLEANOUT
- VP-5 — VAPOR PINS
- GP-1 — SOIL BORING
- MW-12 — MONITORING WELL WELL
- B-6/MW-1 — ABANDONED MONITORING/TEMP WELL
- PZ-14 — PIEZOMETER

DES BY	B. HONEA	BOOK NO							
DR BY	T. SHUPERT	PROJ NO	51-0477.00						
CHK BY	B. HONEA	DATE	MAY 2021	NO	DATE	REVISION	NO	DATE	REVISION

VAPOR ASSESSMENT
1025 E. GREEN BAY, STREET
SHAWANO, WISCONSIN

AYRES
Eau Claire, Wisconsin

SAMPLE MAP

FIGURE NO.
2

CAROW LAND SURVEYING.ctb
5/20/2021
N:\1CAD\Env_sites\Shawano_wi\1025 E. Green Bay Street\may 2021 figures.dwg, Layout fig 2 Sample Map

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

March 08, 2022

William Honea
Ayres Associates
N17 W24222 Riverwood Dr.
Suite 310
Waukesha, WI 53188

RE: Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Dear William Honea:

Enclosed are the analytical results for sample(s) received by the laboratory on March 01, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

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

Sincerely,

Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: Nicole Bader, Ayres Associates
Accounts Payable, Ayres Associates

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Pace Analytical Services, LLC - Minneapolis MN
1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
A2LA Certification #: 2926.01*
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563*
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10599149001	**S-1**	Air	02/28/22 14:52	03/01/22 13:50
10599149002	**VP-5**	Air	02/28/22 15:25	03/01/22 13:50
10599149003	**VP-6**	Air	02/28/22 15:36	03/01/22 13:50

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10599149001	**S-1**	TO-15	HMH	61	PASI-M
10599149002	**VP-5**	TO-15	HMH	61	PASI-M
10599149003	**VP-6**	TO-15	HMH	61	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Method: **TO-15**
Description: TO15 MSV AIR
Client: Ayres Associates-Madison
Date: March 08, 2022

General Information:
3 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Sample: S-1 **Lab ID: 10599149001** Collected: 02/28/22 14:52 Received: 03/01/22 13:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**7.4J**	ug/m3	8.4	2.5	1.39		03/05/22 00:16	67-64-1	
Benzene	**<0.16**	ug/m3	0.45	0.16	1.39		03/05/22 00:16	71-43-2	
Benzyl chloride	**<1.2**	ug/m3	3.7	1.2	1.39		03/05/22 00:16	100-44-7	
Bromodichloromethane	**<0.33**	ug/m3	1.9	0.33	1.39		03/05/22 00:16	75-27-4	
Bromoform	**<2.3**	ug/m3	7.3	2.3	1.39		03/05/22 00:16	75-25-2	
Bromomethane	**<0.21**	ug/m3	1.1	0.21	1.39		03/05/22 00:16	74-83-9	
1,3-Butadiene	**<0.17**	ug/m3	0.63	0.17	1.39		03/05/22 00:16	106-99-0	
2-Butanone (MEK)	**0.70J**	ug/m3	4.2	0.65	1.39		03/05/22 00:16	78-93-3	
Carbon disulfide	**<0.18**	ug/m3	0.88	0.18	1.39		03/05/22 00:16	75-15-0	
Carbon tetrachloride	**<0.39**	ug/m3	1.8	0.39	1.39		03/05/22 00:16	56-23-5	
Chlorobenzene	**<0.22**	ug/m3	1.3	0.22	1.39		03/05/22 00:16	108-90-7	
Chloroethane	**<0.31**	ug/m3	0.75	0.31	1.39		03/05/22 00:16	75-00-3	
Chloroform	**<0.25**	ug/m3	0.69	0.25	1.39		03/05/22 00:16	67-66-3	
Chloromethane	**<0.12**	ug/m3	0.58	0.12	1.39		03/05/22 00:16	74-87-3	
Cyclohexane	**0.56J**	ug/m3	2.4	0.31	1.39		03/05/22 00:16	110-82-7	
Dibromochloromethane	**<0.72**	ug/m3	2.4	0.72	1.39		03/05/22 00:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.42**	ug/m3	1.1	0.42	1.39		03/05/22 00:16	106-93-4	
1,2-Dichlorobenzene	**<0.56**	ug/m3	4.3	0.56	1.39		03/05/22 00:16	95-50-1	
1,3-Dichlorobenzene	**<0.71**	ug/m3	4.3	0.71	1.39		03/05/22 00:16	541-73-1	
1,4-Dichlorobenzene	**<1.2**	ug/m3	4.3	1.2	1.39		03/05/22 00:16	106-46-7	
Dichlorodifluoromethane	**1.4J**	ug/m3	1.4	0.26	1.39		03/05/22 00:16	75-71-8	
1,1-Dichloroethane	**<0.23**	ug/m3	1.1	0.23	1.39		03/05/22 00:16	75-34-3	
1,2-Dichloroethane	**<0.27**	ug/m3	1.1	0.27	1.39		03/05/22 00:16	107-06-2	
1,1-Dichloroethene	**<0.19**	ug/m3	1.1	0.19	1.39		03/05/22 00:16	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/m3	1.1	0.27	1.39		03/05/22 00:16	156-59-2	
trans-1,2-Dichloroethene	**<0.23**	ug/m3	1.1	0.23	1.39		03/05/22 00:16	156-60-5	
1,2-Dichloropropane	**<0.37**	ug/m3	1.3	0.37	1.39		03/05/22 00:16	78-87-5	
cis-1,3-Dichloropropene	**<0.35**	ug/m3	3.2	0.35	1.39		03/05/22 00:16	10061-01-5	
trans-1,3-Dichloropropene	**<0.76**	ug/m3	3.2	0.76	1.39		03/05/22 00:16	10061-02-6	
Dichlorotetrafluoroethane	**<0.28**	ug/m3	2.0	0.28	1.39		03/05/22 00:16	76-14-2	
Ethanol	**4.2**	ug/m3	2.7	0.82	1.39		03/05/22 00:16	64-17-5	
Ethyl acetate	**<0.18**	ug/m3	1.0	0.18	1.39		03/05/22 00:16	141-78-6	
Ethylbenzene	**<0.43**	ug/m3	1.2	0.43	1.39		03/05/22 00:16	100-41-4	
4-Ethyltoluene	**<0.66**	ug/m3	3.5	0.66	1.39		03/05/22 00:16	622-96-8	
n-Heptane	**0.30J**	ug/m3	1.2	0.25	1.39		03/05/22 00:16	142-82-5	
Hexachloro-1,3-butadiene	**<1.7**	ug/m3	7.5	1.7	1.39		03/05/22 00:16	87-68-3	
n-Hexane	**0.31J**	ug/m3	1.0	0.27	1.39		03/05/22 00:16	110-54-3	
2-Hexanone	**<0.61**	ug/m3	5.8	0.61	1.39		03/05/22 00:16	591-78-6	
Methylene Chloride	**<0.82**	ug/m3	4.9	0.82	1.39		03/05/22 00:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.45**	ug/m3	5.8	0.45	1.39		03/05/22 00:16	108-10-1	
Methyl-tert-butyl ether	**<0.18**	ug/m3	5.1	0.18	1.39		03/05/22 00:16	1634-04-4	
Naphthalene	**<3.0**	ug/m3	3.7	3.0	1.39		03/05/22 00:16	91-20-3	
2-Propanol	**1.2J**	ug/m3	3.5	0.71	1.39		03/05/22 00:16	67-63-0	
Propylene	**<0.18**	ug/m3	1.2	0.18	1.39		03/05/22 00:16	115-07-1	
Styrene	**<0.54**	ug/m3	3.0	0.54	1.39		03/05/22 00:16	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Sample: S-1 **Lab ID: 10599149001** Collected: 02/28/22 14:52 Received: 03/01/22 13:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.52**	ug/m3	1.9	0.52	1.39		03/05/22 00:16	79-34-5	
Tetrachloroethene	**<0.41**	ug/m3	0.96	0.41	1.39		03/05/22 00:16	127-18-4	
Tetrahydrofuran	**<0.25**	ug/m3	0.83	0.25	1.39		03/05/22 00:16	109-99-9	
Toluene	**1.1**	ug/m3	1.1	0.34	1.39		03/05/22 00:16	108-88-3	
1,2,4-Trichlorobenzene	**<6.8**	ug/m3	10.5	6.8	1.39		03/05/22 00:16	120-82-1	
1,1,1-Trichloroethane	**<0.26**	ug/m3	1.5	0.26	1.39		03/05/22 00:16	71-55-6	
1,1,2-Trichloroethane	**<0.27**	ug/m3	0.77	0.27	1.39		03/05/22 00:16	79-00-5	
Trichloroethene	**<0.27**	ug/m3	0.76	0.27	1.39		03/05/22 00:16	79-01-6	
Trichlorofluoromethane	**<0.32**	ug/m3	1.6	0.32	1.39		03/05/22 00:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.40**	ug/m3	2.2	0.40	1.39		03/05/22 00:16	76-13-1	
1,2,4-Trimethylbenzene	**1.0J**	ug/m3	1.4	0.49	1.39		03/05/22 00:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.40**	ug/m3	1.4	0.40	1.39		03/05/22 00:16	108-67-8	
Vinyl acetate	**<0.29**	ug/m3	1.0	0.29	1.39		03/05/22 00:16	108-05-4	
Vinyl chloride	**<0.12**	ug/m3	0.36	0.12	1.39		03/05/22 00:16	75-01-4	
m&p-Xylene	**1.7J**	ug/m3	2.5	0.89	1.39		03/05/22 00:16	179601-23-1	
o-Xylene	**0.79J**	ug/m3	1.2	0.38	1.39		03/05/22 00:16	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Sample: VP-5 **Lab ID: 10599149002** Collected: 02/28/22 15:25 Received: 03/01/22 13:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**10.7**	ug/m3	8.7	2.6	1.44		03/05/22 00:47	67-64-1	
Benzene	**0.62**	ug/m3	0.47	0.16	1.44		03/05/22 00:47	71-43-2	
Benzyl chloride	**<1.3**	ug/m3	3.8	1.3	1.44		03/05/22 00:47	100-44-7	
Bromodichloromethane	**<0.34**	ug/m3	2.0	0.34	1.44		03/05/22 00:47	75-27-4	
Bromoform	**<2.3**	ug/m3	7.6	2.3	1.44		03/05/22 00:47	75-25-2	
Bromomethane	**<0.22**	ug/m3	1.1	0.22	1.44		03/05/22 00:47	74-83-9	
1,3-Butadiene	**<0.17**	ug/m3	0.65	0.17	1.44		03/05/22 00:47	106-99-0	
2-Butanone (MEK)	**1.8J**	ug/m3	4.3	0.67	1.44		03/05/22 00:47	78-93-3	
Carbon disulfide	**<0.19**	ug/m3	0.91	0.19	1.44		03/05/22 00:47	75-15-0	
Carbon tetrachloride	**<0.40**	ug/m3	1.8	0.40	1.44		03/05/22 00:47	56-23-5	
Chlorobenzene	**<0.22**	ug/m3	1.3	0.22	1.44		03/05/22 00:47	108-90-7	
Chloroethane	**<0.32**	ug/m3	0.77	0.32	1.44		03/05/22 00:47	75-00-3	
Chloroform	**<0.26**	ug/m3	0.71	0.26	1.44		03/05/22 00:47	67-66-3	
Chloromethane	**1.3**	ug/m3	0.60	0.12	1.44		03/05/22 00:47	74-87-3	
Cyclohexane	**1.5J**	ug/m3	2.5	0.32	1.44		03/05/22 00:47	110-82-7	
Dibromochloromethane	**<0.74**	ug/m3	2.5	0.74	1.44		03/05/22 00:47	124-48-1	
1,2-Dibromoethane (EDB)	**<0.43**	ug/m3	1.1	0.43	1.44		03/05/22 00:47	106-93-4	
1,2-Dichlorobenzene	**<0.58**	ug/m3	4.4	0.58	1.44		03/05/22 00:47	95-50-1	
1,3-Dichlorobenzene	**<0.73**	ug/m3	4.4	0.73	1.44		03/05/22 00:47	541-73-1	
1,4-Dichlorobenzene	**<1.3**	ug/m3	4.4	1.3	1.44		03/05/22 00:47	106-46-7	
Dichlorodifluoromethane	**1.7**	ug/m3	1.5	0.27	1.44		03/05/22 00:47	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/m3	1.2	0.24	1.44		03/05/22 00:47	75-34-3	
1,2-Dichloroethane	**<0.28**	ug/m3	1.2	0.28	1.44		03/05/22 00:47	107-06-2	
1,1-Dichloroethene	**<0.20**	ug/m3	1.2	0.20	1.44		03/05/22 00:47	75-35-4	
cis-1,2-Dichloroethene	**<0.28**	ug/m3	1.2	0.28	1.44		03/05/22 00:47	156-59-2	
trans-1,2-Dichloroethene	**<0.24**	ug/m3	1.2	0.24	1.44		03/05/22 00:47	156-60-5	
1,2-Dichloropropane	**<0.39**	ug/m3	1.4	0.39	1.44		03/05/22 00:47	78-87-5	
cis-1,3-Dichloropropene	**<0.37**	ug/m3	3.3	0.37	1.44		03/05/22 00:47	10061-01-5	
trans-1,3-Dichloropropene	**<0.78**	ug/m3	3.3	0.78	1.44		03/05/22 00:47	10061-02-6	
Dichlorotetrafluoroethane	**<0.29**	ug/m3	2.0	0.29	1.44		03/05/22 00:47	76-14-2	
Ethanol	**64.2**	ug/m3	2.8	0.85	1.44		03/05/22 00:47	64-17-5	
Ethyl acetate	**<0.19**	ug/m3	1.1	0.19	1.44		03/05/22 00:47	141-78-6	
Ethylbenzene	**2.5**	ug/m3	1.3	0.44	1.44		03/05/22 00:47	100-41-4	
4-Ethyltoluene	**<0.68**	ug/m3	3.6	0.68	1.44		03/05/22 00:47	622-96-8	
n-Heptane	**<0.26**	ug/m3	1.2	0.26	1.44		03/05/22 00:47	142-82-5	
Hexachloro-1,3-butadiene	**<1.8**	ug/m3	7.8	1.8	1.44		03/05/22 00:47	87-68-3	
n-Hexane	**1.6**	ug/m3	1.0	0.28	1.44		03/05/22 00:47	110-54-3	
2-Hexanone	**<0.64**	ug/m3	6.0	0.64	1.44		03/05/22 00:47	591-78-6	
Methylene Chloride	**<0.85**	ug/m3	5.1	0.85	1.44		03/05/22 00:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2.1J**	ug/m3	6.0	0.46	1.44		03/05/22 00:47	108-10-1	
Methyl-tert-butyl ether	**<0.18**	ug/m3	5.3	0.18	1.44		03/05/22 00:47	1634-04-4	
Naphthalene	**<3.1**	ug/m3	3.8	3.1	1.44		03/05/22 00:47	91-20-3	
2-Propanol	**<0.73**	ug/m3	3.6	0.73	1.44		03/05/22 00:47	67-63-0	
Propylene	**<0.19**	ug/m3	1.3	0.19	1.44		03/05/22 00:47	115-07-1	
Styrene	**<0.55**	ug/m3	3.1	0.55	1.44		03/05/22 00:47	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Sample: VP-5 **Lab ID: 10599149002** Collected: 02/28/22 15:25 Received: 03/01/22 13:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.54**	ug/m3	2.0	0.54	1.44		03/05/22 00:47	79-34-5	
Tetrachloroethene	**<0.42**	ug/m3	0.99	0.42	1.44		03/05/22 00:47	127-18-4	
Tetrahydrofuran	**<0.26**	ug/m3	0.86	0.26	1.44		03/05/22 00:47	109-99-9	
Toluene	**2.3**	ug/m3	1.1	0.35	1.44		03/05/22 00:47	108-88-3	
1,2,4-Trichlorobenzene	**<7.0**	ug/m3	10.9	7.0	1.44		03/05/22 00:47	120-82-1	
1,1,1-Trichloroethane	**<0.27**	ug/m3	1.6	0.27	1.44		03/05/22 00:47	71-55-6	
1,1,2-Trichloroethane	**<0.28**	ug/m3	0.80	0.28	1.44		03/05/22 00:47	79-00-5	
Trichloroethene	**<0.28**	ug/m3	0.79	0.28	1.44		03/05/22 00:47	79-01-6	
Trichlorofluoromethane	**<0.34**	ug/m3	1.6	0.34	1.44		03/05/22 00:47	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.42**	ug/m3	2.2	0.42	1.44		03/05/22 00:47	76-13-1	
1,2,4-Trimethylbenzene	**0.92J**	ug/m3	1.4	0.51	1.44		03/05/22 00:47	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/m3	1.4	0.42	1.44		03/05/22 00:47	108-67-8	
Vinyl acetate	**<0.30**	ug/m3	1.0	0.30	1.44		03/05/22 00:47	108-05-4	
Vinyl chloride	**<0.12**	ug/m3	0.37	0.12	1.44		03/05/22 00:47	75-01-4	
m&p-Xylene	**8.2**	ug/m3	2.5	0.92	1.44		03/05/22 00:47	179601-23-1	
o-Xylene	**2.1**	ug/m3	1.3	0.39	1.44		03/05/22 00:47	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Sample: VP-6 **Lab ID: 10599149003** Collected: 02/28/22 15:36 Received: 03/01/22 13:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Acetone	**22.3**	ug/m3	8.4	2.5	1.39		03/05/22 01:18	67-64-1	
Benzene	**1.1**	ug/m3	0.45	0.16	1.39		03/05/22 01:18	71-43-2	
Benzyl chloride	**<1.2**	ug/m3	3.7	1.2	1.39		03/05/22 01:18	100-44-7	
Bromodichloromethane	**<0.33**	ug/m3	1.9	0.33	1.39		03/05/22 01:18	75-27-4	
Bromoform	**<2.3**	ug/m3	7.3	2.3	1.39		03/05/22 01:18	75-25-2	
Bromomethane	**<0.21**	ug/m3	1.1	0.21	1.39		03/05/22 01:18	74-83-9	
1,3-Butadiene	**<0.17**	ug/m3	0.63	0.17	1.39		03/05/22 01:18	106-99-0	
2-Butanone (MEK)	**9.4**	ug/m3	4.2	0.65	1.39		03/05/22 01:18	78-93-3	
Carbon disulfide	**<0.18**	ug/m3	0.88	0.18	1.39		03/05/22 01:18	75-15-0	
Carbon tetrachloride	**<0.39**	ug/m3	1.8	0.39	1.39		03/05/22 01:18	56-23-5	
Chlorobenzene	**<0.22**	ug/m3	1.3	0.22	1.39		03/05/22 01:18	108-90-7	
Chloroethane	**<0.31**	ug/m3	0.75	0.31	1.39		03/05/22 01:18	75-00-3	
Chloroform	**4.0**	ug/m3	0.69	0.25	1.39		03/05/22 01:18	67-66-3	
Chloromethane	**1.9**	ug/m3	0.58	0.12	1.39		03/05/22 01:18	74-87-3	
Cyclohexane	**1.2J**	ug/m3	2.4	0.31	1.39		03/05/22 01:18	110-82-7	
Dibromochloromethane	**<0.72**	ug/m3	2.4	0.72	1.39		03/05/22 01:18	124-48-1	
1,2-Dibromoethane (EDB)	**<0.42**	ug/m3	1.1	0.42	1.39		03/05/22 01:18	106-93-4	
1,2-Dichlorobenzene	**<0.56**	ug/m3	4.3	0.56	1.39		03/05/22 01:18	95-50-1	
1,3-Dichlorobenzene	**<0.71**	ug/m3	4.3	0.71	1.39		03/05/22 01:18	541-73-1	
1,4-Dichlorobenzene	**<1.2**	ug/m3	4.3	1.2	1.39		03/05/22 01:18	106-46-7	
Dichlorodifluoromethane	**4.4**	ug/m3	1.4	0.26	1.39		03/05/22 01:18	75-71-8	
1,1-Dichloroethane	**<0.23**	ug/m3	1.1	0.23	1.39		03/05/22 01:18	75-34-3	
1,2-Dichloroethane	**<0.27**	ug/m3	1.1	0.27	1.39		03/05/22 01:18	107-06-2	
1,1-Dichloroethene	**<0.19**	ug/m3	1.1	0.19	1.39		03/05/22 01:18	75-35-4	
cis-1,2-Dichloroethene	**<0.27**	ug/m3	1.1	0.27	1.39		03/05/22 01:18	156-59-2	
trans-1,2-Dichloroethene	**<0.23**	ug/m3	1.1	0.23	1.39		03/05/22 01:18	156-60-5	
1,2-Dichloropropane	**<0.37**	ug/m3	1.3	0.37	1.39		03/05/22 01:18	78-87-5	
cis-1,3-Dichloropropene	**<0.35**	ug/m3	3.2	0.35	1.39		03/05/22 01:18	10061-01-5	
trans-1,3-Dichloropropene	**<0.76**	ug/m3	3.2	0.76	1.39		03/05/22 01:18	10061-02-6	
Dichlorotetrafluoroethane	**<0.28**	ug/m3	2.0	0.28	1.39		03/05/22 01:18	76-14-2	
Ethanol	**393**	ug/m3	2.7	0.82	1.39		03/05/22 01:18	64-17-5	
Ethyl acetate	**3.3**	ug/m3	1.0	0.18	1.39		03/05/22 01:18	141-78-6	
Ethylbenzene	**0.80J**	ug/m3	1.2	0.43	1.39		03/05/22 01:18	100-41-4	
4-Ethyltoluene	**2.0J**	ug/m3	3.5	0.66	1.39		03/05/22 01:18	622-96-8	
n-Heptane	**<0.25**	ug/m3	1.2	0.25	1.39		03/05/22 01:18	142-82-5	
Hexachloro-1,3-butadiene	**<1.7**	ug/m3	7.5	1.7	1.39		03/05/22 01:18	87-68-3	
n-Hexane	**2.2**	ug/m3	1.0	0.27	1.39		03/05/22 01:18	110-54-3	
2-Hexanone	**<0.61**	ug/m3	5.8	0.61	1.39		03/05/22 01:18	591-78-6	
Methylene Chloride	**<0.82**	ug/m3	4.9	0.82	1.39		03/05/22 01:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	**<0.45**	ug/m3	5.8	0.45	1.39		03/05/22 01:18	108-10-1	
Methyl-tert-butyl ether	**<0.18**	ug/m3	5.1	0.18	1.39		03/05/22 01:18	1634-04-4	
Naphthalene	**<3.0**	ug/m3	3.7	3.0	1.39		03/05/22 01:18	91-20-3	
2-Propanol	**61.8**	ug/m3	3.5	0.71	1.39		03/05/22 01:18	67-63-0	
Propylene	**<0.18**	ug/m3	1.2	0.18	1.39		03/05/22 01:18	115-07-1	
Styrene	**1.3J**	ug/m3	3.0	0.54	1.39		03/05/22 01:18	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Sample: VP-6 **Lab ID: 10599149003** Collected: 02/28/22 15:36 Received: 03/01/22 13:50 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
1,1,2,2-Tetrachloroethane	**<0.52**	ug/m3	1.9	0.52	1.39		03/05/22 01:18	79-34-5	
Tetrachloroethene	**0.44J**	ug/m3	0.96	0.41	1.39		03/05/22 01:18	127-18-4	
Tetrahydrofuran	**7.8**	ug/m3	0.83	0.25	1.39		03/05/22 01:18	109-99-9	
Toluene	**7.3**	ug/m3	1.1	0.34	1.39		03/05/22 01:18	108-88-3	
1,2,4-Trichlorobenzene	**<6.8**	ug/m3	10.5	6.8	1.39		03/05/22 01:18	120-82-1	
1,1,1-Trichloroethane	**<0.26**	ug/m3	1.5	0.26	1.39		03/05/22 01:18	71-55-6	
1,1,2-Trichloroethane	**<0.27**	ug/m3	0.77	0.27	1.39		03/05/22 01:18	79-00-5	
Trichloroethene	**<0.27**	ug/m3	0.76	0.27	1.39		03/05/22 01:18	79-01-6	
Trichlorofluoromethane	**9.3**	ug/m3	1.6	0.32	1.39		03/05/22 01:18	75-69-4	
1,1,2-Trichlorotrifluoroethane	**<0.40**	ug/m3	2.2	0.40	1.39		03/05/22 01:18	76-13-1	
1,2,4-Trimethylbenzene	**1.7**	ug/m3	1.4	0.49	1.39		03/05/22 01:18	95-63-6	
1,3,5-Trimethylbenzene	**1.1J**	ug/m3	1.4	0.40	1.39		03/05/22 01:18	108-67-8	
Vinyl acetate	**<0.29**	ug/m3	1.0	0.29	1.39		03/05/22 01:18	108-05-4	
Vinyl chloride	**<0.12**	ug/m3	0.36	0.12	1.39		03/05/22 01:18	75-01-4	
m&p-Xylene	**4.1**	ug/m3	2.5	0.89	1.39		03/05/22 01:18	179601-23-1	
o-Xylene	**1.7**	ug/m3	1.2	0.38	1.39		03/05/22 01:18	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

QC Batch: 801926
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10599149001, 10599149002, 10599149003

METHOD BLANK: 4258752 Matrix: Air
Associated Lab Samples: 10599149001, 10599149002, 10599149003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.093	0.56	03/04/22 10:11	
1,1,2,2-Tetrachloroethane	ug/m3	<0.19	0.70	03/04/22 10:11	
1,1,2-Trichloroethane	ug/m3	<0.098	0.28	03/04/22 10:11	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.14	0.78	03/04/22 10:11	
1,1-Dichloroethane	ug/m3	<0.082	0.41	03/04/22 10:11	
1,1-Dichloroethene	ug/m3	<0.069	0.40	03/04/22 10:11	
1,2,4-Trichlorobenzene	ug/m3	<2.4	3.8	03/04/22 10:11	
1,2,4-Trimethylbenzene	ug/m3	<0.18	0.50	03/04/22 10:11	
1,2-Dibromoethane (EDB)	ug/m3	<0.15	0.39	03/04/22 10:11	
1,2-Dichlorobenzene	ug/m3	<0.20	1.5	03/04/22 10:11	
1,2-Dichloroethane	ug/m3	<0.097	0.41	03/04/22 10:11	
1,2-Dichloropropane	ug/m3	<0.13	0.47	03/04/22 10:11	
1,3,5-Trimethylbenzene	ug/m3	<0.14	0.50	03/04/22 10:11	
1,3-Butadiene	ug/m3	<0.060	0.22	03/04/22 10:11	
1,3-Dichlorobenzene	ug/m3	<0.25	1.5	03/04/22 10:11	
1,4-Dichlorobenzene	ug/m3	<0.44	1.5	03/04/22 10:11	
2-Butanone (MEK)	ug/m3	<0.23	1.5	03/04/22 10:11	
2-Hexanone	ug/m3	<0.22	2.1	03/04/22 10:11	
2-Propanol	ug/m3	<0.25	1.2	03/04/22 10:11	
4-Ethyltoluene	ug/m3	<0.24	1.2	03/04/22 10:11	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.16	2.1	03/04/22 10:11	
Acetone	ug/m3	<0.90	3.0	03/04/22 10:11	
Benzene	ug/m3	<0.057	0.16	03/04/22 10:11	
Benzyl chloride	ug/m3	<0.44	1.3	03/04/22 10:11	
Bromodichloromethane	ug/m3	<0.12	0.68	03/04/22 10:11	
Bromoform	ug/m3	<0.81	2.6	03/04/22 10:11	
Bromomethane	ug/m3	<0.075	0.39	03/04/22 10:11	
Carbon disulfide	ug/m3	<0.064	0.32	03/04/22 10:11	
Carbon tetrachloride	ug/m3	<0.14	0.64	03/04/22 10:11	
Chlorobenzene	ug/m3	<0.078	0.47	03/04/22 10:11	
Chloroethane	ug/m3	<0.11	0.27	03/04/22 10:11	
Chloroform	ug/m3	<0.092	0.25	03/04/22 10:11	
Chloromethane	ug/m3	<0.043	0.21	03/04/22 10:11	
cis-1,2-Dichloroethene	ug/m3	<0.098	0.40	03/04/22 10:11	
cis-1,3-Dichloropropene	ug/m3	<0.13	1.2	03/04/22 10:11	
Cyclohexane	ug/m3	<0.11	0.88	03/04/22 10:11	
Dibromochloromethane	ug/m3	<0.26	0.86	03/04/22 10:11	
Dichlorodifluoromethane	ug/m3	<0.094	0.50	03/04/22 10:11	
Dichlorotetrafluoroethane	ug/m3	<0.10	0.71	03/04/22 10:11	
Ethanol	ug/m3	<0.30	0.96	03/04/22 10:11	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

METHOD BLANK: 4258752 Matrix: Air
Associated Lab Samples: 10599149001, 10599149002, 10599149003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.066	0.37	03/04/22 10:11	
Ethylbenzene	ug/m3	<0.15	0.44	03/04/22 10:11	
Hexachloro-1,3-butadiene	ug/m3	<0.62	2.7	03/04/22 10:11	
m&p-Xylene	ug/m3	<0.32	0.88	03/04/22 10:11	
Methyl-tert-butyl ether	ug/m3	<0.063	1.8	03/04/22 10:11	
Methylene Chloride	ug/m3	<0.30	1.8	03/04/22 10:11	
n-Heptane	ug/m3	<0.090	0.42	03/04/22 10:11	
n-Hexane	ug/m3	<0.096	0.36	03/04/22 10:11	
Naphthalene	ug/m3	<1.1	1.3	03/04/22 10:11	
o-Xylene	ug/m3	<0.14	0.44	03/04/22 10:11	
Propylene	ug/m3	<0.065	0.44	03/04/22 10:11	
Styrene	ug/m3	<0.19	1.1	03/04/22 10:11	MN
Tetrachloroethene	ug/m3	<0.15	0.34	03/04/22 10:11	
Tetrahydrofuran	ug/m3	<0.090	0.30	03/04/22 10:11	
Toluene	ug/m3	<0.12	0.38	03/04/22 10:11	
trans-1,2-Dichloroethene	ug/m3	<0.084	0.40	03/04/22 10:11	
trans-1,3-Dichloropropene	ug/m3	<0.27	1.2	03/04/22 10:11	
Trichloroethene	ug/m3	<0.098	0.27	03/04/22 10:11	
Trichlorofluoromethane	ug/m3	<0.12	0.57	03/04/22 10:11	
Vinyl acetate	ug/m3	<0.10	0.36	03/04/22 10:11	
Vinyl chloride	ug/m3	<0.043	0.13	03/04/22 10:11	

LABORATORY CONTROL SAMPLE: 4258753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	57.5	97	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	79.9	106	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	64.4	108	70-131	
1,1,2-Trichlorotrifluoroethane	ug/m3	83.6	94.2	113	70-130	
1,1-Dichloroethane	ug/m3	43.9	49.5	113	70-130	
1,1-Dichloroethene	ug/m3	43.5	49.3	113	70-130	
1,2,4-Trichlorobenzene	ug/m3	177	184	104	70-130	
1,2,4-Trimethylbenzene	ug/m3	54	57.2	106	70-137	
1,2-Dibromoethane (EDB)	ug/m3	82.5	90.6	110	70-137	
1,2-Dichlorobenzene	ug/m3	66.2	69.4	105	70-131	
1,2-Dichloroethane	ug/m3	44.4	43.0	97	70-134	
1,2-Dichloropropane	ug/m3	50.6	52.2	103	70-130	
1,3,5-Trimethylbenzene	ug/m3	53.7	57.4	107	70-131	
1,3-Butadiene	ug/m3	24.2	27.0	112	70-139	
1,3-Dichlorobenzene	ug/m3	66.3	68.1	103	70-134	
1,4-Dichlorobenzene	ug/m3	66.3	68.4	103	70-131	
2-Butanone (MEK)	ug/m3	32.3	34.9	108	70-133	
2-Hexanone	ug/m3	44.8	46.2	103	70-136	
2-Propanol	ug/m3	149	166	112	65-133	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

LABORATORY CONTROL SAMPLE: 4258753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	53.7	55.9	104	70-130	
4-Methyl-2-pentanone (MIBK)	ug/m3	44.9	47.7	106	70-130	
Acetone	ug/m3	128	133	104	60-134	
Benzene	ug/m3	34.8	35.9	103	70-130	
Benzyl chloride	ug/m3	57.6	58.0	101	70-130	
Bromodichloromethane	ug/m3	73.1	78.6	107	70-130	
Bromoform	ug/m3	114	122	107	70-138	
Bromomethane	ug/m3	42.5	47.4	112	68-131	
Carbon disulfide	ug/m3	34.4	36.3	105	70-130	
Carbon tetrachloride	ug/m3	69.4	73.3	106	70-132	
Chlorobenzene	ug/m3	50.2	50.2	100	70-130	
Chloroethane	ug/m3	28.8	31.5	109	70-134	
Chloroform	ug/m3	52.4	50.7	97	70-130	
Chloromethane	ug/m3	22.6	24.7	110	68-131	
cis-1,2-Dichloroethene	ug/m3	43.4	48.9	113	70-136	
cis-1,3-Dichloropropene	ug/m3	49.4	52.9	107	70-130	
Cyclohexane	ug/m3	37.4	46.3	124	70-131	
Dibromochloromethane	ug/m3	93.2	102	109	70-134	
Dichlorodifluoromethane	ug/m3	54.6	51.9	95	70-130	
Dichlorotetrafluoroethane	ug/m3	71.2	64.7	91	70-130	
Ethanol	ug/m3	124	130	105	55-145	
Ethyl acetate	ug/m3	38.9	42.2	108	70-135	
Ethylbenzene	ug/m3	47.8	52.2	109	70-133	
Hexachloro-1,3-butadiene	ug/m3	133	145	109	70-132	
m&p-Xylene	ug/m3	95.4	102	106	70-134	
Methyl-tert-butyl ether	ug/m3	39.6	33.7	85	70-131	
Methylene Chloride	ug/m3	190	216	113	65-132	
n-Heptane	ug/m3	44.6	55.6	125	70-130	
n-Hexane	ug/m3	38	43.6	115	70-132	
Naphthalene	ug/m3	65.2	66.4	102	70-130	
o-Xylene	ug/m3	47.6	49.8	105	70-134	
Propylene	ug/m3	18.9	20.8	110	69-133	
Styrene	ug/m3	47	49.0	104	70-135	
Tetrachloroethene	ug/m3	73.4	77.1	105	70-134	
Tetrahydrofuran	ug/m3	32.1	41.1	128	70-140	
Toluene	ug/m3	41.6	44.8	108	70-136	
trans-1,2-Dichloroethene	ug/m3	43.6	43.2	99	70-134	
trans-1,3-Dichloropropene	ug/m3	50.5	53.1	105	70-131	
Trichloroethene	ug/m3	58.4	62.5	107	70-134	
Trichlorofluoromethane	ug/m3	62	70.7	114	63-130	
Vinyl acetate	ug/m3	46.4	51.9	112	70-139	
Vinyl chloride	ug/m3	28	25.6	91	70-132	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

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 at or above the adjusted LOD.

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

MN	The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 51-0477.00 Martin's Drycleaner
Pace Project No.: 10599149

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10599149001	**S-1**	TO-15	801926		
10599149002	**VP-5**	TO-15	801926		
10599149003	**VP-6**	TO-15	801926		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY

WO# : 10599149

10599149

The Chain-of-Custody is a LEGAL DOCUMENT. All relev

52264

Page: of

Section A Required Client Information:

Company: Ayres
Address: 3312 Packerland Drive
Ashwaubenon, WI 54115
Email To: baden@ayresassociates.com
Phone: 920-498-1200 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Bill Hovea
Copy To: Nicole Bader
Purchase Order No.:
Project Name: Martin's Drycleaner
Project Number: 51-0477.00

Section C Invoice Information:

Attention: Ayres
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 37803

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

Location of Sampling by State

Reporting Units
ug/m³ 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 DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE - END/GRAB DATE	COLLECTED COMPOSITE - END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: TO-15 Full List VOCs	Pace Lab ID
1	S-1	6LC		2-28-22	1407	2-28-22	1452	30	3	1672	3072	X	001
2	VP-5	6LC		2-28-22	1444	2-28-22	1525	27	3	1288	1550	X	002
3	VP-6	6LC		2-28-22	1454	2-28-22	1536	29	3	0726	1629	X	003
4													
5													
6													
7													
8													
9													
10													
11													
12													

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
/ Ayres	2-28-22	1720	Pace	3/2/22	1350

SAMPLE CONDITIONS

	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
1		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: Nicole Bader
SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY): 02/28/22

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical®	Document Name: **Sample Condition Upon Receipt (SCUR) - Air**	Document Revised: 13Oct2021 **Page 1 of 1**
	Document No.: **ENV-FRM-MIN4-0113 Rev.01**	Pace Analytical Services - **Minneapolis**

Air Sample Condition Upon Receipt

Client Name: Ayres

Project #: WO#: 10599149

PM: KNH Due Date: 03/14/22

CLIENT: AYRES-Madiso

Courier: ☒ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial

Tracking Number: 9753 8449 4903 ☐ See Exception

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

Seals Intact? ☐ Yes ☒ No

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

Date & Initials of Person Examining Contents: 3222 MS

				Comments:
Chain of Custody Present?	☒ Yes	☐ No		1.
Chain of Custody Filled Out?	☒ Yes	☐ No		2.
Chain of Custody Relinquished?	☒ Yes	☐ No		3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No		6.
Rush Turn Around Time Requested?	☐ Yes	☒ No		7.
Sufficient Volume?	☒ Yes	☐ No		8.
Correct Containers Used? **(Tedlar bags not acceptable container for TO-15 or APH)** -Pace Containers Used?	☒ Yes ☒ Yes	☐ No ☐ No		9.
Containers Intact? **(visual inspection/no leaks when pressurized)**	☒ Yes	☐ No		10.
Media: (Air Can) | Airbag				11. Individually Certified Cans? Y | (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒ Yes	☐ No		12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☒ Yes	☐ No		13.

Gauge #: ☐ 10AIR26 ☐ 10AIR34 ☐ 10AIR35 ☒ 10AIR17 ☐ 10AIR47 ☐ 10AIR48

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
S-1	1672	3072	-1	5					
VP-5	1288	1550	-2	5					
VP-6	726	1629	-1	5					

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

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Kirsten Hogberg **Date:** 3/2/2022

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., out of hold, incorrect preservative, out of temp, incorrect containers).*