

February 18, 2020

Rob Langdon  
SCS Engineers  
2830 Dairy Dr.  
Madison, WI 53718

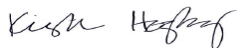
RE: Project: 25219179.00 Susies Restaurant  
Pace Project No.: 10508457

Dear Rob Langdon:

Enclosed are the analytical results for sample(s) received by the laboratory on February 13, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC 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,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 25219179.00 Susies Restaurant

Pace Project No.: 10508457

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### **Pace Analytical Services Minneapolis**

A2LA Certification #: 2926.01	Minnesota Dept of Ag Certification #: via MN 027-053-137
Alabama Certification #: 40770	Minnesota Petrofund Certification #: 1240
Alaska Contaminated Sites Certification #: 17-009	Mississippi Certification #: MN00064
Alaska DW Certification #: MN00064	Missouri Certification #: 10100
Arizona Certification #: AZ0014	Montana Certification #: CERT0092
Arkansas DW Certification #: MN00064	Nebraska Certification #: NE-OS-18-06
Arkansas WW Certification #: 88-0680	Nevada Certification #: MN00064
California Certification #: 2929	New Hampshire Certification #: 2081
CNMI Saipan Certification #: MP0003	New Jersey Certification #: MN002
Colorado Certification #: MN00064	New York Certification #: 11647
Connecticut Certification #: PH-0256	North Carolina DW Certification #: 27700
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	North Carolina WW Certification #: 530
Florida Certification #: E87605	North Dakota Certification #: R-036
Georgia Certification #: 959	Ohio DW Certification #: 41244
Guam EPA Certification #: MN00064	Ohio VAP Certification #: CL101
Hawaii Certification #: MN00064	Oklahoma Certification #: 9507
Idaho Certification #: MN00064	Oregon Primary Certification #: MN300001
Illinois Certification #: 200011	Oregon Secondary Certification #: MN200001
Indiana Certification #: C-MN-01	Pennsylvania Certification #: 68-00563
Iowa Certification #: 368	Puerto Rico Certification #: MN00064
Kansas Certification #: E-10167	South Carolina Certification #:74003001
Kentucky DW Certification #: 90062	Tennessee Certification #: TN02818
Kentucky WW Certification #: 90062	Texas Certification #: T104704192
Louisiana DEQ Certification #: 03086	Utah Certification #: MN00064
Louisiana DW Certification #: MN00064	Vermont Certification #: VT-027053137
Maine Certification #: MN00064	Virginia Certification #: 460163
Maryland Certification #: 322	Washington Certification #: C486
Massachusetts Certification #: M-MN064	West Virginia DEP Certification #: 382
Massachusetts DWP Certification #: via MN 027-053-137	West Virginia DW Certification #: 9952 C
Michigan Certification #: 9909	Wisconsin Certification #: 999407970
Minnesota Certification #: 027-053-137	Wyoming UST Certification #: via A2LA 2926.01

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 25219179.00 Susies Restaurant

Pace Project No.: 10508457

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10508457001	IA-3	Air	02/11/20 14:35	02/13/20 11:15
10508457002	IA-4	Air	02/11/20 14:30	02/13/20 11:15
10508457003	IA-5	Air	02/11/20 14:30	02/13/20 11:15
10508457004	IA-6	Air	02/11/20 15:16	02/13/20 11:15
10508457005	IA-7	Air	02/11/20 15:17	02/13/20 11:15
10508457006	IA-8	Air	02/11/20 14:46	02/13/20 11:15
10508457007	IA-9	Air	02/11/20 14:46	02/13/20 11:15
10508457008	IA-10	Air	02/11/20 15:53	02/13/20 11:15
10508457009	OA-2	Air	02/11/20 15:42	02/13/20 11:15
10508457010	VP-9	Air	02/12/20 08:48	02/13/20 11:15
10508457011	Unused Can#0534	Air		02/13/20 11:15
10508457012	Unused Can#3380	Air		02/13/20 11:15
10508457013	Unused Can#1465	Air		02/13/20 11:15
10508457014	Unused Can#0252	Air		02/13/20 11:15
10508457015	Unused Can#3344	Air		02/13/20 11:15

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### SAMPLE ANALYTE COUNT

Project: 25219179.00 Susies Restaurant

Pace Project No.: 10508457

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10508457001	IA-3	TO-15	MJL	5	PASI-M
10508457002	IA-4	TO-15	MJL	5	PASI-M
10508457003	IA-5	TO-15	MJL	5	PASI-M
10508457004	IA-6	TO-15	MJL	5	PASI-M
10508457005	IA-7	TO-15	MJL	5	PASI-M
10508457006	IA-8	TO-15	MJL	5	PASI-M
10508457007	IA-9	TO-15	MJL	5	PASI-M
10508457008	IA-10	TO-15	MJL	5	PASI-M
10508457009	OA-2	TO-15	MJL	5	PASI-M
10508457010	VP-9	TO-15	MJL	5	PASI-M

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## SUMMARY OF DETECTION

Project: 25219179.00 Susies Restaurant

Pace Project No.: 10508457

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>10508457001</b>	<b>IA-3</b>					
TO-15	cis-1,2-Dichloroethene	0.53J	ug/m3	1.3	02/16/20 15:17	
TO-15	Tetrachloroethene	0.52J	ug/m3	1.1	02/16/20 15:17	
TO-15	Trichloroethene	0.89	ug/m3	0.88	02/16/20 15:17	
<b>10508457002</b>	<b>IA-4</b>					
TO-15	Tetrachloroethene	0.57J	ug/m3	1.2	02/16/20 16:11	
<b>10508457003</b>	<b>IA-5</b>					
TO-15	Tetrachloroethene	0.75J	ug/m3	1.2	02/16/20 16:38	
<b>10508457004</b>	<b>IA-6</b>					
TO-15	Tetrachloroethene	0.66J	ug/m3	1.2	02/16/20 17:04	
<b>10508457005</b>	<b>IA-7</b>					
TO-15	Tetrachloroethene	0.73J	ug/m3	1.2	02/16/20 17:31	
<b>10508457008</b>	<b>IA-10</b>					
TO-15	Tetrachloroethene	2.1	ug/m3	0.96	02/16/20 18:51	
<b>10508457010</b>	<b>VP-9</b>					
TO-15	Tetrachloroethene	1.4	ug/m3	1.3	02/16/20 19:45	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25219179.00 Susies Restaurant

Pace Project No.: 10508457

Sample: IA-3									
		Lab ID: 10508457001	Collected: 02/11/20 14:35	Received: 02/13/20 11:15	Matrix: Air				
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
cis-1,2-Dichloroethene	0.53J	ug/m3	1.3	0.35	1.61		02/16/20 15:17	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/m3	1.3	0.46	1.61		02/16/20 15:17	156-60-5	
Tetrachloroethene	0.52J	ug/m3	1.1	0.51	1.61		02/16/20 15:17	127-18-4	
Trichloroethene	0.89	ug/m3	0.88	0.41	1.61		02/16/20 15:17	79-01-6	
Vinyl chloride	<0.20	ug/m3	0.42	0.20	1.61		02/16/20 15:17	75-01-4	

Sample: IA-4									
		Lab ID: 10508457002	Collected: 02/11/20 14:30	Received: 02/13/20 11:15	Matrix: Air				
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
cis-1,2-Dichloroethene	<0.38	ug/m3	1.4	0.38	1.75		02/16/20 16:11	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/m3	1.4	0.50	1.75		02/16/20 16:11	156-60-5	
Tetrachloroethene	0.57J	ug/m3	1.2	0.55	1.75		02/16/20 16:11	127-18-4	
Trichloroethene	<0.44	ug/m3	0.96	0.44	1.75		02/16/20 16:11	79-01-6	
Vinyl chloride	<0.22	ug/m3	0.46	0.22	1.75		02/16/20 16:11	75-01-4	

Sample: IA-5									
		Lab ID: 10508457003	Collected: 02/11/20 14:30	Received: 02/13/20 11:15	Matrix: Air				
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
cis-1,2-Dichloroethene	<0.37	ug/m3	1.4	0.37	1.68		02/16/20 16:38	156-59-2	
trans-1,2-Dichloroethene	<0.48	ug/m3	1.4	0.48	1.68		02/16/20 16:38	156-60-5	
Tetrachloroethene	0.75J	ug/m3	1.2	0.53	1.68		02/16/20 16:38	127-18-4	
Trichloroethene	<0.43	ug/m3	0.92	0.43	1.68		02/16/20 16:38	79-01-6	
Vinyl chloride	<0.21	ug/m3	0.44	0.21	1.68		02/16/20 16:38	75-01-4	

Sample: IA-6									
		Lab ID: 10508457004	Collected: 02/11/20 15:16	Received: 02/13/20 11:15	Matrix: Air				
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR Analytical Method: TO-15									
cis-1,2-Dichloroethene	<0.38	ug/m3	1.4	0.38	1.75		02/16/20 17:04	156-59-2	
trans-1,2-Dichloroethene	<0.50	ug/m3	1.4	0.50	1.75		02/16/20 17:04	156-60-5	
Tetrachloroethene	0.66J	ug/m3	1.2	0.55	1.75		02/16/20 17:04	127-18-4	
Trichloroethene	<0.44	ug/m3	0.96	0.44	1.75		02/16/20 17:04	79-01-6	
Vinyl chloride	<0.22	ug/m3	0.46	0.22	1.75		02/16/20 17:04	75-01-4	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25219179.00 Susies Restaurant  
Pace Project No.: 10508457

Sample: IA-7      Lab ID: 10508457005      Collected: 02/11/20 15:17      Received: 02/13/20 11:15      Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR      Analytical Method: TO-15									
cis-1,2-Dichloroethene	<0.37	ug/m3	1.4	0.37	1.68		02/16/20 17:31	156-59-2	
trans-1,2-Dichloroethene	<0.48	ug/m3	1.4	0.48	1.68		02/16/20 17:31	156-60-5	
Tetrachloroethene	0.73J	ug/m3	1.2	0.53	1.68		02/16/20 17:31	127-18-4	
Trichloroethene	<0.43	ug/m3	0.92	0.43	1.68		02/16/20 17:31	79-01-6	
Vinyl chloride	<0.21	ug/m3	0.44	0.21	1.68		02/16/20 17:31	75-01-4	

Sample: IA-8      Lab ID: 10508457006      Collected: 02/11/20 14:46      Received: 02/13/20 11:15      Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR      Analytical Method: TO-15									
cis-1,2-Dichloroethene	<0.37	ug/m3	1.4	0.37	1.68		02/16/20 17:58	156-59-2	
trans-1,2-Dichloroethene	<0.48	ug/m3	1.4	0.48	1.68		02/16/20 17:58	156-60-5	
Tetrachloroethene	<0.53	ug/m3	1.2	0.53	1.68		02/16/20 17:58	127-18-4	
Trichloroethene	<0.43	ug/m3	0.92	0.43	1.68		02/16/20 17:58	79-01-6	
Vinyl chloride	<0.21	ug/m3	0.44	0.21	1.68		02/16/20 17:58	75-01-4	

Sample: IA-9      Lab ID: 10508457007      Collected: 02/11/20 14:46      Received: 02/13/20 11:15      Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR      Analytical Method: TO-15									
cis-1,2-Dichloroethene	<0.37	ug/m3	1.4	0.37	1.68		02/16/20 18:25	156-59-2	
trans-1,2-Dichloroethene	<0.48	ug/m3	1.4	0.48	1.68		02/16/20 18:25	156-60-5	
Tetrachloroethene	<0.53	ug/m3	1.2	0.53	1.68		02/16/20 18:25	127-18-4	
Trichloroethene	<0.43	ug/m3	0.92	0.43	1.68		02/16/20 18:25	79-01-6	
Vinyl chloride	<0.21	ug/m3	0.44	0.21	1.68		02/16/20 18:25	75-01-4	

Sample: IA-10      Lab ID: 10508457008      Collected: 02/11/20 15:53      Received: 02/13/20 11:15      Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR      Analytical Method: TO-15									
cis-1,2-Dichloroethene	<0.30	ug/m3	1.1	0.30	1.39		02/16/20 18:51	156-59-2	
trans-1,2-Dichloroethene	<0.40	ug/m3	1.1	0.40	1.39		02/16/20 18:51	156-60-5	
Tetrachloroethene	2.1	ug/m3	0.96	0.44	1.39		02/16/20 18:51	127-18-4	
Trichloroethene	<0.35	ug/m3	0.76	0.35	1.39		02/16/20 18:51	79-01-6	
Vinyl chloride	<0.18	ug/m3	0.36	0.18	1.39		02/16/20 18:51	75-01-4	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 25219179.00 Susies Restaurant  
Pace Project No.: 10508457

Sample: OA-2      Lab ID: 10508457009      Collected: 02/11/20 15:42      Received: 02/13/20 11:15      Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
cis-1,2-Dichloroethene	<0.33	ug/m3	1.2	0.33	1.49		02/16/20 19:18	156-59-2	
trans-1,2-Dichloroethene	<0.42	ug/m3	1.2	0.42	1.49		02/16/20 19:18	156-60-5	
Tetrachloroethene	<0.47	ug/m3	1.0	0.47	1.49		02/16/20 19:18	127-18-4	
Trichloroethene	<0.38	ug/m3	0.81	0.38	1.49		02/16/20 19:18	79-01-6	
Vinyl chloride	<0.19	ug/m3	0.39	0.19	1.49		02/16/20 19:18	75-01-4	

Sample: VP-9      Lab ID: 10508457010      Collected: 02/12/20 08:48      Received: 02/13/20 11:15      Matrix: Air									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>TO15 MSV AIR</b> Analytical Method: TO-15									
cis-1,2-Dichloroethene	<0.40	ug/m3	1.5	0.40	1.83		02/16/20 19:45	156-59-2	
trans-1,2-Dichloroethene	<0.52	ug/m3	1.5	0.52	1.83		02/16/20 19:45	156-60-5	
Tetrachloroethene	1.4	ug/m3	1.3	0.57	1.83		02/16/20 19:45	127-18-4	
Trichloroethene	<0.46	ug/m3	1.0	0.46	1.83		02/16/20 19:45	79-01-6	
Vinyl chloride	<0.23	ug/m3	0.48	0.23	1.83		02/16/20 19:45	75-01-4	

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### QUALITY CONTROL DATA

Project: 25219179.00 Susies Restaurant

Pace Project No.: 10508457

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QC Batch: 660224 Analysis Method: TO-15  
 QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level  
 Associated Lab Samples: 10508457001, 10508457002, 10508457003, 10508457004, 10508457005, 10508457006, 10508457007, 10508457008, 10508457009, 10508457010

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METHOD BLANK: 3543980 Matrix: Air  
 Associated Lab Samples: 10508457001, 10508457002, 10508457003, 10508457004, 10508457005, 10508457006, 10508457007, 10508457008, 10508457009, 10508457010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/m3	<0.11	0.40	02/16/20 08:53	
Tetrachloroethene	ug/m3	<0.16	0.34	02/16/20 08:53	
trans-1,2-Dichloroethene	ug/m3	<0.14	0.40	02/16/20 08:53	
Trichloroethene	ug/m3	<0.13	0.27	02/16/20 08:53	
Vinyl chloride	ug/m3	<0.063	0.13	02/16/20 08:53	

LABORATORY CONTROL SAMPLE: 3543981

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/m3	41.6	43.0	103	70-132	
Tetrachloroethene	ug/m3	71	76.7	108	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	44.8	106	70-132	
Trichloroethene	ug/m3	56.3	61.6	109	70-132	
Vinyl chloride	ug/m3	26.7	27.6	104	68-141	

SAMPLE DUPLICATE: 3544073

Parameter	Units	10508457001 Result	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/m3	0.53J	0.52J			25
Tetrachloroethene	ug/m3	0.52J	<0.51			25
trans-1,2-Dichloroethene	ug/m3	<0.46	<0.46			25
Trichloroethene	ug/m3	0.89	0.97	8		25
Vinyl chloride	ug/m3	<0.20	<0.20			25

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.

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## QUALIFIERS

Project: 25219179.00 Susies Restaurant

Pace Project No.: 10508457

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### 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.

### LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25219179.00 Susies Restaurant

Pace Project No.: 10508457

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10508457001	IA-3	TO-15	660224		
10508457002	IA-4	TO-15	660224		
10508457003	IA-5	TO-15	660224		
10508457004	IA-6	TO-15	660224		
10508457005	IA-7	TO-15	660224		
10508457006	IA-8	TO-15	660224		
10508457007	IA-9	TO-15	660224		
10508457008	IA-10	TO-15	660224		
10508457009	OA-2	TO-15	660224		
10508457010	VP-9	TO-15	660224		

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# AIR: CHAIN-OF-CUSTO

The Chain-of-Custody is a LEGAL DOCUMENT. A

## WO#: 10508457



10508457

39833

Page: 1 of 2

<b>Section A</b> Required Client Information:	<b>Section B</b> Required Project Information:	<b>Section C</b> Invoice Information:	Program
Company: <u>SCS Engineers</u>	Report To: <u>Robert Langdon, SC</u>	Attention: <u>Same</u>	<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act
Address: <u>2830 Dairy Dr</u>	Copy To:	Company Name:	<input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other
<u>Madison, WI</u>	Purchase Order No.:	Address:	Location of Sampling by State <u>WI</u>
Email To: <u>rlangdon@scsengineers.com</u>	Project Name: <u>5050's Restaurant</u>	Pace Quote Reference:	Reporting Units ug/m <sup>3</sup> <input checked="" type="checkbox"/> mg/m <sup>3</sup> PPBV <input type="checkbox"/> PPMV <input type="checkbox"/> Other <input type="checkbox"/>
Phone: <u>608-223-4115</u> Fax: _____	Project Number: <u>21219179.00</u>	Pace Project Manager/Sales Rep.:	Report Level: <u>II</u> <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> Other <input type="checkbox"/>
Requested Due Date/TAT:	Pace Profile #: <u>32030</u>		

ITEM #	Section D Required Client Information		MEDIA CODE	PID Reading (ilent only)	COLLECTED				Canister Pressure (Initial Field - In Hg)	Canister Pressure (Final Field - In Hg)	Summa Can Number	Flow Control Number	Method:							Pace Lab ID	
	AIR SAMPLE ID	Valid Media Codes			COMPOSITE START		COMPOSITE-END/GRAB						PM10	SC - Piked Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated		TO-15 Short List (other)
					DATE	TIME	DATE	TIME													
1	IA-3	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	606	0	2/1/20	700	2/1/20	1435	29.5	-5	1616	0756								01	
2	IA-4		0			651	1430	1430	30	-5	2755	0234								02	
3	IA-5		0			652	1430	1430	30	-5	3890	0210								03	
4	IA-6		54			755		1516	30	-8	3649	1085								04	
5	IA-7		26			830		1577	30	-9	2311	0853								05	
6	IA-8		0			720		1448	30	-6	3887	0224								06	
7	IA-9		0			725		1446	30	-4	3597	0321								07	
8	IA-10		306			820		1553	30	-1	1727	2460								08	
9	OA-2		0			810		1542	30	-5	0123	0047								09	
10	VP-9		110		2/2/20	818	2/2/20	848	30	-8.5	0075	1518								10	

Comments:  
\* Analyze for PCB, TCE, cis 12 PCB, Trans 12 PCB, and vinyl chloride

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS						
Robert Langdon / SCS	2/1/20	17:00	Matthew Pace	2-13-20	1115	Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Robert Langdon

SIGNATURE of SAMPLER: [Signature] DATE Signed (MM/DD/YY): 2/12/20

ORIGINAL

# AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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

*(See Page 1)*

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Page: 2 of 2

<b>Section A</b> Required Client Information:		<b>Section B</b> Required Project Information:		<b>Section C</b> Invoice Information:		Program	
Company:		Report To:		Attention:		<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Address:		Copy To:		Company Name:		Location of Sampling by State: _____ Reporting Units: ug/m <sup>3</sup> _____ mg/m <sup>3</sup> _____ PPBV _____ PPMV _____ Other _____	
Email To:		Purchase Order No.:		Address:		Report Level: I. II. III. IV. Other _____	
Phone: Fax:		Project Name:		Pace Quote Reference:		Location of Sampling by State: _____ Reporting Units: ug/m <sup>3</sup> _____ mg/m <sup>3</sup> _____ PPBV _____ PPMV _____ Other _____	
Requested Due Date/TAT:		Project Number:		Pace Project Manager/Sales Rep.:		Pace Profile #: <b>32630</b>	

ITEM #	Section D Required Client Information <b>AIR SAMPLE ID</b> 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	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PMT10 3C - Filled Gas (%) TO-3 BTEX TO-3M (Methane) TO-14 TO-15 Full List VOCs TO-15 Short List BTEX TO-15 Short List Chlorinated (Other)	Pace Lab ID
					COMPOSITE START		COMPOSITE - END/GRAB							
					DATE	TIME	DATE	TIME						
1										5341-2361			unused cank	011
2										3380 0776				012
3										1465 1504				013
4										0252 1145				014
5										3344 0434				015
6														
7														
8														
9														
10														
11														
12														

Comments :

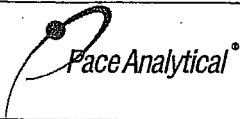
RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
						Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: \_\_\_\_\_ DATE Signed (MM/DD/YY)

ORIGINAL



Document Name:  
Air Sample Condition Upon Receipt

Document Revised: 19Nov2019  
Page 1 of 1

Document No.:  
F-MN-A-106-rev.20

Pace Analytical Services -  
Minneapolis

Air Sample Condition  
Upon Receipt

Client Name:  
SCS Eng.

Project #  
WO#: 10508457

Courier:  Fed Ex  UPS  USPS  Client  
 Pace  Speedee  Commercial  See Exception

PM: KNH Due Date: 02/20/20

CLIENT: SCS Engineer

Tracking Number: 10830284 9291

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

Packing Material:  Bubble Wrap  Bubble Bags  Foam  None  Tin Can  Other: Temp Blank rec:  Yes  No

Temp. (TO17 and TO13 samples only) (°C): Corrected Temp (°C): Thermometer Used:  G87A9170600254  G87A9155100842

Temp should be above freezing to 6°C Correction Factor: Date & Initials of Person Examining Contents: 2-13-20 MJ

Type of ice Received  Blue  Wet  None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: Air Can Airbag Filter TDT Passive		11. Individually Certified Cans Y <input checked="" type="checkbox"/> N (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge #  10AIR26  10AIR34  10AIR35  4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
IA-3	1616	456	-5	+5	OA-2	123	47	-3	+5
IA-4	2355	334	-7	+5	VP-9	75	1581	-8	+5
IA-5	3890	210	-6	+5	Unused 534	534	2361	-28	-
IA-6	3649	1085	-7	+5	Unused 3380	3380	776	-28	-
IA-7	2311	853	-6	+5	Unused 1465	1465	1504	-28	-
IA-8	3887	224	-6	+5	Unused 252	252	1145	-28	-
IA-9	3597	321	-6	+5	Unused 3344	3344	434	-28	-
IA-10	1727	2480	-1	+5					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required?  Yes  No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Kirsten Hoppert

Date: 2/14/2020