

**From:** Langdon, Robert <RLangdon@scsengineers.com>  
**Sent:** Wednesday, December 18, 2019 11:09 AM  
**To:** Krueger, Sarah E - DNR  
**Subject:** FW: 25219179 SUSIES'S RESTAURANT (Pace Project # 40200356)  
**Attachments:** 40200356\_frc.pdf

Hi Sarah, thought you might be interested in this. I've attached the waste profile sample results for the MW3 monitoring well soil cuttings. TCE was detected in excess of the GW pathway RCL. No other VOCs were detected though. The PID readings for the MW3 soil boring were ND.

-Rob

**Robert Langdon**  
Senior Hydrogeologist/Project Manager

**SCS ENGINEERS**  
2830 Dairy Drive  
Madison, WI 53718  
608.224.2830  
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**From:** Paceport Email Notification <[dan.milewsky@pacelabs.com](mailto:dan.milewsky@pacelabs.com)>  
**Sent:** Wednesday, December 18, 2019 8:21 AM  
**To:** [dan.milewsky@pacelabs.com](mailto:dan.milewsky@pacelabs.com); Langdon, Robert <[RLangdon@scsengineers.com](mailto:RLangdon@scsengineers.com)>  
**Subject:** 25219179 SUSIES'S RESTAURANT (Pace Project # 40200356)

==== This message originated outside of SCS  
Engineers =====



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## Pace Automated Email Notification

This email contains EDDs and Reports generated by Paceport's automated deliverable service. The attached files have been authorized to be sent to you due to the completion of project 40200356. Your Pace project manager has been CC'ed on this email so that you may request any further assistance.

To access this project's page in paceport click on the following link.

<http://paceport.pacelabs.com/ClientPortal/mvc/projectDetails/modelAndView?projectID=40200356&systemID=lims40>

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December 18, 2019

Rob Langdon  
SCS ENGINEERS  
2830 Dairy Drive  
Madison, WI 53718

RE: Project: 25219179 SUSIES'S RESTAURANT  
Pace Project No.: 40200356

Dear Rob Langdon:

Enclosed are the analytical results for sample(s) received by the laboratory on December 05, 2019. 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,



Dan Milewsky  
dan.milewsky@pacelabs.com  
(920)469-2436  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 25219179 SUSIES'S RESTAURANT

Pace Project No.: 40200356

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 25219179 SUSIES'S RESTAURANT

Pace Project No.: 40200356

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40200356001	MW3-WC	Solid	12/02/19 10:15	12/05/19 11:50

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### SAMPLE ANALYTE COUNT

Project: 25219179 SUSIES'S RESTAURANT

Pace Project No.: 40200356

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40200356001	MW3-WC	EPA 8260	SMT	63	PASI-G
		ASTM D2974-87	QJR	1	PASI-G

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### SUMMARY OF DETECTION

Project: 25219179 SUSIES'S RESTAURANT

Pace Project No.: 40200356

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40200356001</b>	<b>MW3-WC</b>					
EPA 8260	Trichloroethene	48.6J	ug/kg	72.0	12/06/19 13:37	
ASTM D2974-87	Percent Moisture	16.6	%	0.10	12/17/19 15:41	

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### ANALYTICAL RESULTS

Project: 25219179 SUSIES'S RESTAURANT

Pace Project No.: 40200356

**Sample: MW3-WC**      **Lab ID: 40200356001**      Collected: 12/02/19 10:15      Received: 12/05/19 11:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b> Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Benzene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	71-43-2	W
Bromobenzene	<25.0	ug/kg	62.0	25.0	1	12/06/19 08:15	12/06/19 13:37	108-86-1	W
Bromochloromethane	<25.0	ug/kg	70.0	25.0	1	12/06/19 08:15	12/06/19 13:37	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	75-27-4	W
Bromoform	<25.0	ug/kg	72.0	25.0	1	12/06/19 08:15	12/06/19 13:37	75-25-2	W
Bromomethane	<63.8	ug/kg	250	63.8	1	12/06/19 08:15	12/06/19 13:37	74-83-9	W
n-Butylbenzene	<30.0	ug/kg	100	30.0	1	12/06/19 08:15	12/06/19 13:37	104-51-8	W
sec-Butylbenzene	<25.0	ug/kg	72.0	25.0	1	12/06/19 08:15	12/06/19 13:37	135-98-8	W
tert-Butylbenzene	<25.0	ug/kg	62.0	25.0	1	12/06/19 08:15	12/06/19 13:37	98-06-6	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	108-90-7	W
Chloroethane	<46.4	ug/kg	250	46.4	1	12/06/19 08:15	12/06/19 13:37	75-00-3	W
Chloroform	<47.5	ug/kg	250	47.5	1	12/06/19 08:15	12/06/19 13:37	67-66-3	W
Chloromethane	<25.0	ug/kg	80.0	25.0	1	12/06/19 08:15	12/06/19 13:37	74-87-3	W
2-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	12/06/19 08:15	12/06/19 13:37	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	64.0	25.0	1	12/06/19 08:15	12/06/19 13:37	106-43-4	W
1,2-Dibromo-3-chloropropane	<237	ug/kg	789	237	1	12/06/19 08:15	12/06/19 13:37	96-12-8	W
Dibromochloromethane	<229	ug/kg	763	229	1	12/06/19 08:15	12/06/19 13:37	124-48-1	W
1,2-Dibromoethane (EDB)	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	106-93-4	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	74-95-3	W
1,2-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	95-50-1	W
1,3-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	541-73-1	W
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	106-46-7	W
Dichlorodifluoromethane	<25.0	ug/kg	72.0	25.0	1	12/06/19 08:15	12/06/19 13:37	75-71-8	W
1,1-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	75-34-3	W
1,2-Dichloroethane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	107-06-2	W
1,1-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	75-35-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	156-59-2	W
trans-1,2-Dichloroethene	<25.0	ug/kg	67.0	25.0	1	12/06/19 08:15	12/06/19 13:37	156-60-5	W
1,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	78-87-5	W
1,3-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	142-28-9	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	594-20-7	W
1,1-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	563-58-6	W
cis-1,3-Dichloropropene	<42.3	ug/kg	141	42.3	1	12/06/19 08:15	12/06/19 13:37	10061-01-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	74.0	25.0	1	12/06/19 08:15	12/06/19 13:37	10061-02-6	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	108-20-3	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	100-41-4	W
Hexachloro-1,3-butadiene	<68.7	ug/kg	229	68.7	1	12/06/19 08:15	12/06/19 13:37	87-68-3	W
Isopropylbenzene (Cumene)	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	98-82-8	W
p-Isopropyltoluene	<25.0	ug/kg	72.0	25.0	1	12/06/19 08:15	12/06/19 13:37	99-87-6	W
Methylene Chloride	<26.3	ug/kg	88.0	26.3	1	12/06/19 08:15	12/06/19 13:37	75-09-2	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	1634-04-4	W
Naphthalene	<27.3	ug/kg	91.0	27.3	1	12/06/19 08:15	12/06/19 13:37	91-20-3	W
n-Propylbenzene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	103-65-1	W
Styrene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	100-42-5	W

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 25219179 SUSIES'S RESTAURANT  
Pace Project No.: 40200356

**Sample: MW3-WC**      **Lab ID: 40200356001**      Collected: 12/02/19 10:15      Received: 12/05/19 11:50      Matrix: Solid

*Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
1,1,1,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	630-20-6	W
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	79-34-5	W
Tetrachloroethene	<38.7	ug/kg	129	38.7	1	12/06/19 08:15	12/06/19 13:37	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	108-88-3	W
1,2,3-Trichlorobenzene	<47.3	ug/kg	158	47.3	1	12/06/19 08:15	12/06/19 13:37	87-61-6	W
1,2,4-Trichlorobenzene	<41.7	ug/kg	250	41.7	1	12/06/19 08:15	12/06/19 13:37	120-82-1	W
1,1,1-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	71-55-6	W
1,1,2-Trichloroethane	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	79-00-5	W
Trichloroethene	48.6J	ug/kg	72.0	30.0	1	12/06/19 08:15	12/06/19 13:37	79-01-6	
Trichlorofluoromethane	<25.0	ug/kg	65.0	25.0	1	12/06/19 08:15	12/06/19 13:37	75-69-4	W
1,2,3-Trichloropropane	<37.4	ug/kg	125	37.4	1	12/06/19 08:15	12/06/19 13:37	96-18-4	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	108-67-8	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	12/06/19 08:15	12/06/19 13:37	75-01-4	W
Xylene (Total)	<75.0	ug/kg	180	75.0	1	12/06/19 08:15	12/06/19 13:37	1330-20-7	W
<b>Surrogates</b>									
Dibromofluoromethane (S)	86	%	57-146		1	12/06/19 08:15	12/06/19 13:37	1868-53-7	
Toluene-d8 (S)	106	%	64-134		1	12/06/19 08:15	12/06/19 13:37	2037-26-5	
4-Bromofluorobenzene (S)	95	%	54-126		1	12/06/19 08:15	12/06/19 13:37	460-00-4	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Percent Moisture	16.6	%	0.10	0.10	1		12/17/19 15:41		

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 25219179 SUSIES'S RESTAURANT  
Pace Project No.: 40200356

QC Batch: 342749 Analysis Method: EPA 8260  
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List  
Associated Lab Samples: 40200356001

METHOD BLANK: 1990239 Matrix: Solid  
Associated Lab Samples: 40200356001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<7.8	50.0	12/06/19 10:30	
1,1,1-Trichloroethane	ug/kg	<13.5	50.0	12/06/19 10:30	
1,1,2,2-Tetrachloroethane	ug/kg	<15.7	52.0	12/06/19 10:30	
1,1,2-Trichloroethane	ug/kg	<15.7	52.0	12/06/19 10:30	
1,1-Dichloroethane	ug/kg	<13.5	50.0	12/06/19 10:30	
1,1-Dichloroethene	ug/kg	<11.8	50.0	12/06/19 10:30	
1,1-Dichloropropene	ug/kg	<10.7	50.0	12/06/19 10:30	
1,2,3-Trichlorobenzene	ug/kg	<47.3	158	12/06/19 10:30	
1,2,3-Trichloropropane	ug/kg	<37.4	125	12/06/19 10:30	
1,2,4-Trichlorobenzene	ug/kg	<41.7	250	12/06/19 10:30	
1,2,4-Trimethylbenzene	ug/kg	<18.1	60.0	12/06/19 10:30	
1,2-Dibromo-3-chloropropane	ug/kg	<237	789	12/06/19 10:30	
1,2-Dibromoethane (EDB)	ug/kg	<17.0	57.0	12/06/19 10:30	
1,2-Dichlorobenzene	ug/kg	<13.1	50.0	12/06/19 10:30	
1,2-Dichloroethane	ug/kg	<13.8	50.0	12/06/19 10:30	
1,2-Dichloropropane	ug/kg	<13.5	50.0	12/06/19 10:30	
1,3,5-Trimethylbenzene	ug/kg	<16.0	53.0	12/06/19 10:30	
1,3-Dichlorobenzene	ug/kg	<13.0	50.0	12/06/19 10:30	
1,3-Dichloropropane	ug/kg	<11.0	50.0	12/06/19 10:30	
1,4-Dichlorobenzene	ug/kg	<12.0	50.0	12/06/19 10:30	
2,2-Dichloropropane	ug/kg	<15.7	52.0	12/06/19 10:30	
2-Chlorotoluene	ug/kg	<19.3	64.0	12/06/19 10:30	
4-Chlorotoluene	ug/kg	<19.3	64.0	12/06/19 10:30	
Benzene	ug/kg	<12.5	42.0	12/06/19 10:30	
Bromobenzene	ug/kg	<18.5	62.0	12/06/19 10:30	
Bromochloromethane	ug/kg	<20.9	70.0	12/06/19 10:30	
Bromodichloromethane	ug/kg	<10.0	50.0	12/06/19 10:30	
Bromoform	ug/kg	<21.6	72.0	12/06/19 10:30	
Bromomethane	ug/kg	<63.8	250	12/06/19 10:30	
Carbon tetrachloride	ug/kg	<7.5	50.0	12/06/19 10:30	
Chlorobenzene	ug/kg	<16.8	56.0	12/06/19 10:30	
Chloroethane	ug/kg	<46.4	250	12/06/19 10:30	
Chloroform	ug/kg	<47.5	250	12/06/19 10:30	
Chloromethane	ug/kg	<24.0	80.0	12/06/19 10:30	
cis-1,2-Dichloroethene	ug/kg	<14.8	50.0	12/06/19 10:30	
cis-1,3-Dichloropropene	ug/kg	<42.3	141	12/06/19 10:30	
Dibromochloromethane	ug/kg	<229	763	12/06/19 10:30	
Dibromomethane	ug/kg	<17.7	59.0	12/06/19 10:30	
Dichlorodifluoromethane	ug/kg	<21.7	72.0	12/06/19 10:30	
Diisopropyl ether	ug/kg	<14.0	50.0	12/06/19 10:30	
Ethylbenzene	ug/kg	<14.5	50.0	12/06/19 10:30	

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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### QUALITY CONTROL DATA

Project: 25219179 SUSIES'S RESTAURANT

Pace Project No.: 40200356

METHOD BLANK: 1990239

Matrix: Solid

Associated Lab Samples: 40200356001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<68.7	229	12/06/19 10:30	
Isopropylbenzene (Cumene)	ug/kg	<17.7	59.0	12/06/19 10:30	
Methyl-tert-butyl ether	ug/kg	<16.2	54.0	12/06/19 10:30	
Methylene Chloride	ug/kg	<26.3	88.0	12/06/19 10:30	
n-Butylbenzene	ug/kg	<30.0	100	12/06/19 10:30	
n-Propylbenzene	ug/kg	<17.8	59.0	12/06/19 10:30	
Naphthalene	ug/kg	<27.3	91.0	12/06/19 10:30	
p-Isopropyltoluene	ug/kg	<21.7	72.0	12/06/19 10:30	
sec-Butylbenzene	ug/kg	<21.5	72.0	12/06/19 10:30	
Styrene	ug/kg	<12.3	50.0	12/06/19 10:30	
tert-Butylbenzene	ug/kg	<18.7	62.0	12/06/19 10:30	
Tetrachloroethene	ug/kg	<38.7	129	12/06/19 10:30	
Toluene	ug/kg	<13.1	50.0	12/06/19 10:30	
trans-1,2-Dichloroethene	ug/kg	<20.2	67.0	12/06/19 10:30	
trans-1,3-Dichloropropene	ug/kg	<22.2	74.0	12/06/19 10:30	
Trichloroethene	ug/kg	<12.8	50.0	12/06/19 10:30	
Trichlorofluoromethane	ug/kg	<19.6	65.0	12/06/19 10:30	
Vinyl chloride	ug/kg	<14.5	50.0	12/06/19 10:30	
Xylene (Total)	ug/kg	<50.5	168	12/06/19 10:30	
4-Bromofluorobenzene (S)	%	97	54-126	12/06/19 10:30	
Dibromofluoromethane (S)	%	87	57-146	12/06/19 10:30	
Toluene-d8 (S)	%	108	64-134	12/06/19 10:30	

LABORATORY CONTROL SAMPLE: 1990240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2510	100	70-132	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2620	105	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2600	104	70-130	
1,1-Dichloroethane	ug/kg	2500	2770	111	70-130	
1,1-Dichloroethene	ug/kg	2500	2160	86	77-126	
1,2,4-Trichlorobenzene	ug/kg	2500	2430	97	66-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2270	91	54-129	
1,2-Dibromoethane (EDB)	ug/kg	2500	2710	108	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2270	91	70-130	
1,2-Dichloroethane	ug/kg	2500	2620	105	70-134	
1,2-Dichloropropane	ug/kg	2500	2930	117	74-124	
1,3-Dichlorobenzene	ug/kg	2500	2470	99	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2340	93	70-130	
Benzene	ug/kg	2500	2390	95	70-130	
Bromodichloromethane	ug/kg	2500	2100	84	70-130	
Bromoform	ug/kg	2500	2050	82	47-115	
Bromomethane	ug/kg	2500	2290	92	64-165	
Carbon tetrachloride	ug/kg	2500	2080	83	70-131	

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

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### QUALITY CONTROL DATA

Project: 25219179 SUSIES'S RESTAURANT  
Pace Project No.: 40200356

LABORATORY CONTROL SAMPLE: 1990240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/kg	2500	2460	98	70-130	
Chloroethane	ug/kg	2500	2810	113	28-197	
Chloroform	ug/kg	2500	2250	90	80-131	
Chloromethane	ug/kg	2500	2840	113	45-118	
cis-1,2-Dichloroethene	ug/kg	2500	2360	94	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2170	87	70-130	
Dibromochloromethane	ug/kg	2500	2090	84	70-130	
Dichlorodifluoromethane	ug/kg	2500	1870	75	38-108	
Ethylbenzene	ug/kg	2500	2520	101	82-122	
Isopropylbenzene (Cumene)	ug/kg	2500	2400	96	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2590	104	70-130	
Methylene Chloride	ug/kg	2500	2000	80	70-130	
Styrene	ug/kg	2500	2290	92	70-130	
Tetrachloroethene	ug/kg	2500	2480	99	70-130	
Toluene	ug/kg	2500	2690	107	80-121	
trans-1,2-Dichloroethene	ug/kg	2500	2580	103	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2270	91	70-130	
Trichloroethene	ug/kg	2500	2520	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2310	93	81-141	
Vinyl chloride	ug/kg	2500	2550	102	68-121	
Xylene (Total)	ug/kg	7500	7430	99	70-130	
4-Bromofluorobenzene (S)	%			102	54-126	
Dibromofluoromethane (S)	%			95	57-146	
Toluene-d8 (S)	%			107	64-134	

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### QUALITY CONTROL DATA

Project: 25219179 SUSIES'S RESTAURANT

Pace Project No.: 40200356

QC Batch: 343676

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 40200356001

SAMPLE DUPLICATE: 1995236

Parameter	Units	40200840001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	8.7	8.6	0	10	

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## QUALIFIERS

Project: 25219179 SUSIES'S RESTAURANT

Pace Project No.: 40200356

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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-G Pace Analytical Services - Green Bay

### ANALYTE QUALIFIERS

W Non-detect results are reported on a wet weight basis.

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 25219179 SUSIES'S RESTAURANT  
Pace Project No.: 40200356

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40200356001	MW3-WC	EPA 5035/5030B	342749	EPA 8260	342754
40200356001	MW3-WC	ASTM D2974-87	343676		

**REPORT OF LABORATORY ANALYSIS**

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Document Name:  
**Sample Condition Upon Receipt (SCUR)**  
 Document No.:  
**F-GB-C-031-Rev.07**

Document Revised: 25Apr2018  
 Issuing Authority:  
 Pace Green Bay Quality Office

**Sample Condition Upon Receipt Form (SCUR)**

Client Name: SCS  
 Courier:  CS Logistics  Fed Ex  Speedee  UPS  Waltco  
 Client  Pace Other: \_\_\_\_\_

Project #: \_\_\_\_\_

**WO#: 40200356**



40200356

Tracking #: \_\_\_\_\_  
 Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no  
 Custody Seal on Samples Present:  yes  no Seals intact:  yes  no  
 Packing Material:  Bubble Wrap  Bubble Bags  None  Other form  
 Thermometer Used SR - V&H Type of Ice:  Wet  Blue  Dry  None  Samples on ice, cooling process has begun  
 Cooler Temperature Uncorr: 2.2 / Corr: \_\_\_\_\_

Temp Blank Present:  yes  no Biological Tissue is Frozen:  yes  no  
 Temp should be above freezing to 6°C.  
 Biota Samples may be received at ≤ 0°C.

Person examining contents:  
 Date: 12/5/19  
 Initials: \_\_\_\_\_

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>gga</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>gga</u>
Sampler Name & Signature on COC:	<input 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.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<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:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

Project Manager Review: Out for DM

Date: 12/5/19