

**From:** Brian Youngwirth <[byoungwirth@generalengineering.net](mailto:byoungwirth@generalengineering.net)>  
**Sent:** Sunday, August 4, 2019 9:02 AM  
**To:** Krueger, Sarah E - DNR  
**Subject:** Susie's Cost Estimate  
**Attachments:** COC 7.17-18.19.pdf; COC Soil Drum and GW 7.17.19.pdf; Soil Drum and Groundwater 7.17.19.pdf; Vapor 7.17-18.19.pdf

Sarah, I am working on a cost estimate for the additional work. Could you please contact me first thing Monday morning to discuss it? I wanted to see if we can do 24 hour ambient air samples at the restaurant, otherwise I will have to return to the site on the same day to pick up 8 hour samples and I am not sure I can do that Tuesday. If we do 24-hour, I could return on Wednesday to pick up the other 24 hour samples from the residence. I have attached the analytical results from the vapor, soil drum, and groundwater testing. I am not sure if you receive your emails on the weekends but I am working on this right now if you want to give me a call now or we can just discuss it tomorrow morning.

Thank you,

Brian Youngwirth  
Environmental Project Manager | General Engineering Company  
916 Silver Lake Drive | PO Box 340 | Portage, WI 53901  
P 608-742-2169 | Fax 608-742-2592 | C 608-697-8010  
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## Environmental Lab, Inc.

www.synergy-lab.net  
 1990 Prospect Ct. • Appleton, WI 54914  
 920-830-2455 • mrsynergy@wi.twcbc.com

**Sample Handling Request**

Rush Analysis Date Required: \_\_\_\_\_  
 (Rushes accepted only with prior authorization)  
 Normal Turn Around

Lab I.D. # \_\_\_\_\_  
 QUOTE # : \_\_\_\_\_  
 Project #: \_\_\_\_\_  
 Sampler: (signature) *Bryan Youngwindh*

Project (Name / Location): *Susie's Restaurant*  
 Reports To: *Bryan Youngwindh* Invoice To: \_\_\_\_\_  
 Company: *GEC* Company: \_\_\_\_\_  
 Address: *916 Silver Lake Dr.* Address: *C/O GEC*  
 City State Zip: *Portage WI 53901* City State Zip: \_\_\_\_\_  
 Phone: *608 697 8010* Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_ Email: \_\_\_\_\_

Analysis Requested										Other Analysis					
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-PCPA METALS	PID/ FID
													X		

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
S036505 A	Basement IA-1	7/18/19	8:29 AM	N	1	A	I
B	1st floor IA-2	↓	↓	↓	↓	↓	↓
C	VP-1	7/18/19	9:08	↓	↓	↓	↓
D	VP-2	↓	9:18	↓	↓	↓	↓
E	VP-3	↓	10:45	↓	↓	↓	↓
F	VP-4	↓	11:50	↓	↓	↓	↓
G	VP-5	↓	12:04	↓	↓	↓	↓

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)  
*8:29 AM Gauge 5/N 5454*  
*Init Pres 29.2*  
*8:23 AM Final 2*

Sample Integrity - To be completed by receiving lab.  
 Method of Shipment: *Cher*  
 Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice: *RA*  
 Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) *Bryan Youngwindh* Time: *2:21* Date: *7/18/19*  
 Received By: (sign) \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_  
 Received in Laboratory By: *Mud* Time: *2:21 PM* Date: *7-18-19*

## Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914  
920-830-2455 • FAX 920-733-0631

**Sample Handling Request**

\_\_\_ Rush Analysis Date Required \_\_\_  
(Rushes accepted only with prior authorization)

\_\_\_ Normal Turn Around

Lab I.D. # \_\_\_\_\_  
Account No. : \_\_\_\_\_ Quote No.: \_\_\_\_\_  
Project #: \_\_\_\_\_  
Sampler: (signature) *Ben Young*

Project (Name / Location): *Susie's Restaurant*  
Reports To: *Brian Young* Invoice To: \_\_\_\_\_  
Company: *GEC* Company: \_\_\_\_\_  
Address: *916 Silver Lake Drive* Address: \_\_\_\_\_  
City State Zip: *Portage WI 53901* City State Zip: \_\_\_\_\_  
Phone: *608 697 8010* Phone: \_\_\_\_\_  
FAX: \_\_\_\_\_ FAX: \_\_\_\_\_

**Analysis Requested**

**Other Analysis**

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-PCRA METALS	PID/FID
<i>5036506 A</i>	<i>Drain Sample</i>	<i>7/17/19</i>	<i>AM</i>	<i>X</i>		<i>N</i>	<i>2</i>	<i>S</i>	<i>1 inch 1.5m</i>													<i>X</i>		
<i>B</i>	<i>MW-1</i>	<i>7/18/19</i>	<i>AM</i>		<i>g</i>	<i>X</i>	<i>2</i>	<i>GW</i>	<i>2 full</i>													<i>X</i>		
<i>C</i>	<i>MW-2</i>	<i>7/18/19</i>	<i>AM</i>		<i>g</i>	<i>X</i>	<i>2</i>	<i>GW</i>	<i>2 full</i>													<i>X</i>		

Comments/Special Instructions (\*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.

Method of Shipment: *clear*

Temp. of Temp. Blank: \_\_\_\_\_ °C On Ice: *gma*

Cooler seal intact upon receipt:  Yes  No

Relinquished By: (sign) *[Signature]*

Time: *2:21 pm*

Date: *7/18/19*

Received By: (sign) \_\_\_\_\_

Time: \_\_\_\_\_

Date: \_\_\_\_\_

Received in Laboratory By: *[Signature]*

Time: *2:21 pm*

Date: *7-18-19*

# Synergy Environmental Lab, INC

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

BRIAN YOUNGWIRTH  
GENERAL ENGINEERING  
916 SILVER LAKE DRIVE  
PORTAGE, WI 53901

Report Date 31-Jul-19

Project Name SUSIES RESTAURANT  
Project #

Invoice # E36506

Lab Code 5036506A  
Sample ID DRUM SAMPLE  
Sample Matrix Soil  
Sample Date 7/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.7	%			1	5021		7/22/2019	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B	7/23/2019	7/23/2019	MJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B	7/23/2019	7/23/2019	MJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B	7/23/2019	7/23/2019	MJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B	7/23/2019	7/23/2019	MJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B	7/23/2019	7/23/2019	MJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B	7/23/2019	7/23/2019	MJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B	7/23/2019	7/23/2019	MJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B	7/23/2019	7/23/2019	MJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B	7/23/2019	7/23/2019	MJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B	7/23/2019	7/23/2019	MJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B	7/23/2019	7/23/2019	MJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B	7/23/2019	7/23/2019	MJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B	7/23/2019	7/23/2019	MJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B	7/23/2019	7/23/2019	MJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B	7/23/2019	7/23/2019	MJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B	7/23/2019	7/23/2019	MJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B	7/23/2019	7/23/2019	MJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B	7/23/2019	7/23/2019	MJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B	7/23/2019	7/23/2019	MJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B	7/23/2019	7/23/2019	MJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B	7/23/2019	7/23/2019	MJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B	7/23/2019	7/23/2019	MJR	1

**Project Name** SUSIES RESTAURANT  
**Project #**

**Invoice #** E36506

**Lab Code** 5036506A  
**Sample ID** DRUM SAMPLE  
**Sample Matrix** Soil  
**Sample Date** 7/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B	7/23/2019	7/23/2019	MJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B	7/23/2019	7/23/2019	MJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B	7/23/2019	7/23/2019	MJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B	7/23/2019	7/23/2019	MJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B	7/23/2019	7/23/2019	MJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B	7/23/2019	7/23/2019	MJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B	7/23/2019	7/23/2019	MJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B	7/23/2019	7/23/2019	MJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B	7/23/2019	7/23/2019	MJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B	7/23/2019	7/23/2019	MJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B	7/23/2019	7/23/2019	MJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B	7/23/2019	7/23/2019	MJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B	7/23/2019	7/23/2019	MJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B	7/23/2019	7/23/2019	MJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B	7/23/2019	7/23/2019	MJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B	7/23/2019	7/23/2019	MJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B	7/23/2019	7/23/2019	MJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B	7/23/2019	7/23/2019	MJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B	7/23/2019	7/23/2019	MJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B	7/23/2019	7/23/2019	MJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B	7/23/2019	7/23/2019	MJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B	7/23/2019	7/23/2019	MJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B	7/23/2019	7/23/2019	MJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B	7/23/2019	7/23/2019	MJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B	7/23/2019	7/23/2019	MJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B	7/23/2019	7/23/2019	MJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B	7/23/2019	7/23/2019	MJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B	7/23/2019	7/23/2019	MJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B	7/23/2019	7/23/2019	MJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B	7/23/2019	7/23/2019	MJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B	7/23/2019	7/23/2019	MJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B	7/23/2019	7/23/2019	MJR	1
SUR - 4-Bromofluorobenzene	102	Rec %			1	8260B	7/23/2019	7/23/2019	MJR	1
SUR - Dibromofluoromethane	102	Rec %			1	8260B	7/23/2019	7/23/2019	MJR	1
SUR - Toluene-d8	97	Rec %			1	8260B	7/23/2019	7/23/2019	MJR	1
SUR - 1,2-Dichloroethane-d4	103	Rec %			1	8260B	7/23/2019	7/23/2019	MJR	1

**Lab Code** 5036506B  
**Sample ID** MW-1  
**Sample Matrix** Water  
**Sample Date** 7/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		7/29/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		7/29/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		7/29/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		7/29/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		7/29/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		7/29/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		7/29/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		7/29/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		7/29/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		7/29/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		7/29/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		7/29/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		7/29/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		7/29/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		7/29/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		7/29/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		7/29/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		7/29/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		7/29/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		7/29/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		7/29/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		7/29/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		7/29/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		7/29/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		7/29/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		7/29/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		7/29/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		7/29/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		7/29/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		7/29/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		7/29/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		7/29/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		7/29/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		7/29/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		7/29/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		7/29/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		7/29/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		7/29/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		7/29/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		7/29/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		7/29/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		7/29/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		7/29/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		7/29/2019	CJR	1

**Project Name** SUSIES RESTAURANT  
**Project #**

**Invoice #** E36506

**Lab Code** 5036506B  
**Sample ID** MW-1  
**Sample Matrix** Water  
**Sample Date** 7/17/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		7/29/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		7/29/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		7/29/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		7/29/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		7/29/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		7/29/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		7/29/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		7/29/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		7/29/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		7/29/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		7/29/2019	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B		7/29/2019	CJR	1
SUR - Dibromofluoromethane	104	REC %			1	8260B		7/29/2019	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		7/29/2019	CJR	1

**Lab Code** 5036506C  
**Sample ID** MW-2  
**Sample Matrix** Water  
**Sample Date** 7/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.22	ug/l	0.22	0.71	1	8260B		7/29/2019	CJR	1
Bromobenzene	< 0.44	ug/l	0.44	1.38	1	8260B		7/29/2019	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.06	1	8260B		7/29/2019	CJR	1
Bromoform	< 0.45	ug/l	0.45	1.44	1	8260B		7/29/2019	CJR	1
tert-Butylbenzene	< 0.25	ug/l	0.25	0.8	1	8260B		7/29/2019	CJR	1
sec-Butylbenzene	< 0.79	ug/l	0.79	2.53	1	8260B		7/29/2019	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.25	1	8260B		7/29/2019	CJR	1
Carbon Tetrachloride	< 0.31	ug/l	0.31	0.98	1	8260B		7/29/2019	CJR	1
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1	8260B		7/29/2019	CJR	1
Chloroethane	< 0.61	ug/l	0.61	1.95	1	8260B		7/29/2019	CJR	1
Chloroform	< 0.26	ug/l	0.26	0.82	1	8260B		7/29/2019	CJR	1
Chloromethane	< 0.54	ug/l	0.54	1.72	1	8260B		7/29/2019	CJR	1
2-Chlorotoluene	< 0.31	ug/l	0.31	0.98	1	8260B		7/29/2019	CJR	1
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1	8260B		7/29/2019	CJR	1
1,2-Dibromo-3-chloropropane	< 2.96	ug/l	2.96	9.43	1	8260B		7/29/2019	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.69	1	8260B		7/29/2019	CJR	1
1,4-Dichlorobenzene	< 0.7	ug/l	0.7	2.22	1	8260B		7/29/2019	CJR	1
1,3-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	1	8260B		7/29/2019	CJR	1
1,2-Dichlorobenzene	< 0.86	ug/l	0.86	2.74	1	8260B		7/29/2019	CJR	1
Dichlorodifluoromethane	< 0.32	ug/l	0.32	1.02	1	8260B		7/29/2019	CJR	1
1,2-Dichloroethane	< 0.25	ug/l	0.25	0.78	1	8260B		7/29/2019	CJR	1
1,1-Dichloroethane	< 0.36	ug/l	0.36	1.14	1	8260B		7/29/2019	CJR	1
1,1-Dichloroethene	< 0.42	ug/l	0.42	1.34	1	8260B		7/29/2019	CJR	1
cis-1,2-Dichloroethene	< 0.37	ug/l	0.37	1.16	1	8260B		7/29/2019	CJR	1
trans-1,2-Dichloroethene	< 0.34	ug/l	0.34	1.07	1	8260B		7/29/2019	CJR	1
1,2-Dichloropropane	< 0.44	ug/l	0.44	1.39	1	8260B		7/29/2019	CJR	1
1,3-Dichloropropane	< 0.3	ug/l	0.3	0.94	1	8260B		7/29/2019	CJR	1
trans-1,3-Dichloropropene	< 0.32	ug/l	0.32	1.01	1	8260B		7/29/2019	CJR	1
cis-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.81	1	8260B		7/29/2019	CJR	1
Di-isopropyl ether	< 0.21	ug/l	0.21	0.66	1	8260B		7/29/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.34	ug/l	0.34	1.09	1	8260B		7/29/2019	CJR	1
Ethylbenzene	< 0.26	ug/l	0.26	0.83	1	8260B		7/29/2019	CJR	1
Hexachlorobutadiene	< 1.34	ug/l	1.34	4.28	1	8260B		7/29/2019	CJR	1
Isopropylbenzene	< 0.78	ug/l	0.78	2.47	1	8260B		7/29/2019	CJR	1
p-Isopropyltoluene	< 0.24	ug/l	0.24	0.76	1	8260B		7/29/2019	CJR	1
Methylene chloride	< 1.32	ug/l	1.32	4.21	1	8260B		7/29/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.28	ug/l	0.28	0.89	1	8260B		7/29/2019	CJR	1
Naphthalene	< 2.1	ug/l	2.1	6.65	1	8260B		7/29/2019	CJR	1
n-Propylbenzene	< 0.61	ug/l	0.61	1.95	1	8260B		7/29/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		7/29/2019	CJR	1
1,1,1,2-Tetrachloroethane	< 0.35	ug/l	0.35	1.13	1	8260B		7/29/2019	CJR	1
Tetrachloroethene	< 0.38	ug/l	0.38	1.21	1	8260B		7/29/2019	CJR	1
Toluene	< 0.19	ug/l	0.19	0.6	1	8260B		7/29/2019	CJR	1
1,2,4-Trichlorobenzene	< 1.15	ug/l	1.15	3.67	1	8260B		7/29/2019	CJR	1



**Project Name** SUSIES RESTAURANT  
**Project #**

**Invoice #** E36506

**Lab Code** 5036506C  
**Sample ID** MW-2  
**Sample Matrix** Water  
**Sample Date** 7/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2,3-Trichlorobenzene	< 1.71	ug/l	1.71	5.43	1	8260B		7/29/2019	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.05	1	8260B		7/29/2019	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.32	1	8260B		7/29/2019	CJR	1
Trichloroethene (TCE)	< 0.3	ug/l	0.3	0.94	1	8260B		7/29/2019	CJR	1
Trichlorofluoromethane	< 0.35	ug/l	0.35	1.1	1	8260B		7/29/2019	CJR	1
1,2,4-Trimethylbenzene	< 0.8	ug/l	0.8	2.55	1	8260B		7/29/2019	CJR	1
1,3,5-Trimethylbenzene	< 0.63	ug/l	0.63	2	1	8260B		7/29/2019	CJR	1
Vinyl Chloride	< 0.2	ug/l	0.2	0.65	1	8260B		7/29/2019	CJR	1
m&p-Xylene	< 0.43	ug/l	0.43	1.38	1	8260B		7/29/2019	CJR	1
o-Xylene	< 0.29	ug/l	0.29	0.93	1	8260B		7/29/2019	CJR	1
SUR - Toluene-d8	101	REC %				1	8260B	7/29/2019	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %				1	8260B	7/29/2019	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %				1	8260B	7/29/2019	CJR	1
SUR - Dibromofluoromethane	107	REC %				1	8260B	7/29/2019	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

**Code**      **Comment**

1      Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature**

# Synergy Environmental Lab, INC

1990 Prospect Ct., Appleton, WI 54914 \*P 920-830-2455 \* F 920-733-0631

BRIAN YOUNGWIRTH  
GENERAL ENGINEERING  
916 SILVER LAKE DRIVE  
PORTAGE, WI 53901

Report Date 30-Jul-19

Project Name SUSIES RESTAURANT  
Project #

Invoice # E36505

Lab Code 5036505A  
Sample ID BASEMENT IA-1  
Sample Matrix Air  
Sample Date 7/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	93	ug/m3	0.299	0.95	1	TO-15		7/22/2019	CJR	1
Acrolein	1.26	ug/m3	0.094	0.299	1	TO-15		7/22/2019	CJR	1
Benzene	0.96	ug/m3	0.136	0.433	1	TO-15		7/22/2019	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		7/22/2019	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		7/22/2019	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		7/22/2019	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		7/22/2019	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		7/22/2019	CJR	1
Carbon Disulfide	0.4 "J"	ug/m3	0.138	0.44	1	TO-15		7/22/2019	CJR	1
Carbon Tetrachloride	0.44 "J"	ug/m3	0.307	0.978	1	TO-15		7/22/2019	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		7/22/2019	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		7/22/2019	CJR	1
Chloroform	0.44 "J"	ug/m3	0.3	0.953	1	TO-15		7/22/2019	CJR	1
Chloromethane	1.3 "J"	ug/m3	0.831	2.64	1	TO-15		7/22/2019	CJR	1
Cyclohexane	0.45 "J"	ug/m3	0.212	0.674	1	TO-15		7/22/2019	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		7/22/2019	CJR	1
1,4-Dichlorobenzene	155	ug/m3	0.302	0.96	1	TO-15		7/22/2019	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		7/22/2019	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		7/22/2019	CJR	1
Dichlorodifluoromethane	2.67	ug/m3	0.263	0.836	1	TO-15		7/22/2019	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		7/22/2019	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		7/22/2019	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		7/22/2019	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		7/22/2019	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		7/22/2019	CJR	1

Project Name SUSIES RESTAURANT  
Project #

Invoice # E36505

Lab Code 5036505A  
Sample ID BASEMENT IA-1  
Sample Matrix Air  
Sample Date 7/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		7/22/2019	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		7/22/2019	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		7/22/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		7/22/2019	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		7/22/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		7/22/2019	CJR	1
Ethanol	177	ug/m3	0.152	0.482	1	TO-15		7/22/2019	CJR	10
Ethyl Acetate	4.9	ug/m3	0.176	0.559	1	TO-15		7/22/2019	CJR	1
Ethylbenzene	1.0	ug/m3	0.203	0.645	1	TO-15		7/22/2019	CJR	1
4-Ethyltoluene	0.44 "J"	ug/m3	0.214	0.681	1	TO-15		7/22/2019	CJR	1
Heptane	0.65 "J"	ug/m3	0.265	0.845	1	TO-15		7/22/2019	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		7/22/2019	CJR	1
Hexane	4.1	ug/m3	0.235	0.748	1	TO-15		7/22/2019	CJR	1
2-Hexanone	0.74	ug/m3	0.222	0.707	1	TO-15		7/22/2019	CJR	1
Isopropyl Alcohol	245	ug/m3	0.109	0.347	1	TO-15		7/22/2019	CJR	10
Methyl ethyl ketone (MEK)	1.71	ug/m3	0.178	0.567	1	TO-15		7/22/2019	CJR	1
Methyl isobutyl ketone (MIBK)	0.57	ug/m3	0.168	0.536	1	TO-15		7/22/2019	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		7/22/2019	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		7/22/2019	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		7/22/2019	CJR	1
Naphthalene	< 0.675	ug/m3	0.675	2.15	1	TO-15		7/22/2019	CJR	1
Propene	4.3	ug/m3	0.079	0.251	1	TO-15		7/22/2019	CJR	1
Styrene	0.38 "J"	ug/m3	0.181	0.577	1	TO-15		7/22/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		7/22/2019	CJR	1
Tetrachloroethene	< 0.278	ug/m3	0.278	0.884	1	TO-15		7/22/2019	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		7/22/2019	CJR	1
Toluene	2.22	ug/m3	0.184	0.585	1	TO-15		7/22/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		7/22/2019	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		7/22/2019	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		7/22/2019	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		7/22/2019	CJR	1
Trichlorofluoromethane	1.46	ug/m3	0.337	1.07	1	TO-15		7/22/2019	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		7/22/2019	CJR	1
1,2,4-Trimethylbenzene	1.52	ug/m3	0.283	0.899	1	TO-15		7/22/2019	CJR	1
1,3,5-Trimethylbenzene	0.44 "J"	ug/m3	0.232	0.739	1	TO-15		7/22/2019	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		7/22/2019	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		7/22/2019	CJR	1
m&p-Xylene	2.21	ug/m3	0.377	1.2	1	TO-15		7/22/2019	CJR	1
o-Xylene	0.43 "J"	ug/m3	0.218	0.695	1	TO-15		7/22/2019	CJR	1

Lab Code 5036505B  
 Sample ID 1ST FLOOR IA-2  
 Sample Matrix Air  
 Sample Date 7/17/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	126	ug/m3	14.95	47.5	50	TO-15		7/25/2019	CJR	1
Acrolein	2.84	ug/m3	0.094	0.299	1	TO-15		7/22/2019	CJR	1
Benzene	0.57	ug/m3	0.136	0.433	1	TO-15		7/22/2019	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		7/22/2019	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		7/22/2019	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		7/22/2019	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		7/22/2019	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		7/22/2019	CJR	1
Carbon Disulfide	0.4 "J"	ug/m3	0.138	0.44	1	TO-15		7/22/2019	CJR	1
Carbon Tetrachloride	0.5 "J"	ug/m3	0.307	0.978	1	TO-15		7/22/2019	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		7/22/2019	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		7/22/2019	CJR	1
Chloroform	3.9	ug/m3	0.3	0.953	1	TO-15		7/22/2019	CJR	1
Chloromethane	1.73 "J"	ug/m3	0.831	2.64	1	TO-15		7/22/2019	CJR	1
Cyclohexane	0.38 "J"	ug/m3	0.212	0.674	1	TO-15		7/22/2019	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		7/22/2019	CJR	1
1,4-Dichlorobenzene	790	ug/m3	15.1	48	50	TO-15		7/25/2019	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		7/22/2019	CJR	1
1,2-Dichlorobenzene	< 0.235	ug/m3	0.235	0.749	1	TO-15		7/22/2019	CJR	1
Dichlorodifluoromethane	2.62	ug/m3	0.263	0.836	1	TO-15		7/22/2019	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		7/22/2019	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		7/22/2019	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		7/22/2019	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		7/22/2019	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		7/22/2019	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		7/22/2019	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		7/22/2019	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		7/22/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		7/22/2019	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		7/22/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		7/22/2019	CJR	1
Ethanol	1250	ug/m3	7.6	24.1	50	TO-15		7/25/2019	CJR	1
Ethyl Acetate	51	ug/m3	0.176	0.559	1	TO-15		7/22/2019	CJR	1
Ethylbenzene	0.78	ug/m3	0.203	0.645	1	TO-15		7/22/2019	CJR	1
4-Ethyltoluene	< 0.214	ug/m3	0.214	0.681	1	TO-15		7/22/2019	CJR	1
Heptane	0.57 "J"	ug/m3	0.265	0.845	1	TO-15		7/22/2019	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		7/22/2019	CJR	1
Hexane	3.3	ug/m3	0.235	0.748	1	TO-15		7/22/2019	CJR	1
2-Hexanone	0.82	ug/m3	0.222	0.707	1	TO-15		7/22/2019	CJR	1
Isopropyl Alcohol	1750	ug/m3	5.45	17.35	50	TO-15		7/25/2019	CJR	1
Methyl ethyl ketone (MEK)	2.95	ug/m3	0.178	0.567	1	TO-15		7/22/2019	CJR	1
Methyl isobutyl ketone (MIBK)	0.78	ug/m3	0.168	0.536	1	TO-15		7/22/2019	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		7/22/2019	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		7/22/2019	CJR	1

**Project Name** SUSIES RESTAURANT  
**Project #**

**Invoice #** E36505

**Lab Code** 5036505B  
**Sample ID** 1ST FLOOR IA-2  
**Sample Matrix** Air  
**Sample Date** 7/17/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		7/22/2019	CJR	1
Naphthalene	0.89 "J"	ug/m3	0.675	2.15	1	TO-15		7/22/2019	CJR	1
Propene	1.69	ug/m3	0.079	0.251	1	TO-15		7/22/2019	CJR	1
Styrene	0.81	ug/m3	0.181	0.577	1	TO-15		7/22/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		7/22/2019	CJR	1
Tetrachloroethene	< 0.278	ug/m3	0.278	0.884	1	TO-15		7/22/2019	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		7/22/2019	CJR	1
Toluene	2.56	ug/m3	0.184	0.585	1	TO-15		7/22/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		7/22/2019	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		7/22/2019	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		7/22/2019	CJR	1
Trichloroethene (TCE)	0.37 "J"	ug/m3	0.237	0.754	1	TO-15		7/22/2019	CJR	1
Trichlorofluoromethane	2.47	ug/m3	0.337	1.07	1	TO-15		7/22/2019	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		7/22/2019	CJR	1
1,2,4-Trimethylbenzene	0.83 "J"	ug/m3	0.283	0.899	1	TO-15		7/22/2019	CJR	1
1,3,5-Trimethylbenzene	0.245 "J"	ug/m3	0.232	0.739	1	TO-15		7/22/2019	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		7/22/2019	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		7/22/2019	CJR	1
m&p-Xylene	1.78	ug/m3	0.377	1.2	1	TO-15		7/22/2019	CJR	1
o-Xylene	0.52 "J"	ug/m3	0.218	0.695	1	TO-15		7/22/2019	CJR	1

Lab Code 5036505C  
 Sample ID VP-1  
 Sample Matrix Air  
 Sample Date 7/18/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	86	ug/m3	0.299	0.95	1	TO-15		7/23/2019	CJR	1
Acrolein	0.44	ug/m3	0.094	0.299	1	TO-15		7/23/2019	CJR	1
Benzene	8.4	ug/m3	0.136	0.433	1	TO-15		7/23/2019	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		7/23/2019	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		7/23/2019	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		7/23/2019	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		7/23/2019	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		7/23/2019	CJR	1
Carbon Disulfide	3.6	ug/m3	0.138	0.44	1	TO-15		7/23/2019	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		7/23/2019	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		7/23/2019	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		7/23/2019	CJR	1
Chloroform	0.63 "J"	ug/m3	0.3	0.953	1	TO-15		7/23/2019	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		7/23/2019	CJR	1
Cyclohexane	7.0	ug/m3	0.212	0.674	1	TO-15		7/23/2019	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		7/23/2019	CJR	1
1,4-Dichlorobenzene	1.56	ug/m3	0.302	0.96	1	TO-15		7/23/2019	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		7/23/2019	CJR	1
1,2-Dichlorobenzene	0.35 "J"	ug/m3	0.235	0.749	1	TO-15		7/23/2019	CJR	1
Dichlorodifluoromethane	3.02	ug/m3	0.263	0.836	1	TO-15		7/23/2019	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		7/23/2019	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		7/23/2019	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		7/23/2019	CJR	1
cis-1,2-Dichloroethene	0.40 "J"	ug/m3	0.197	0.626	1	TO-15		7/23/2019	CJR	1
trans-1,2-Dichloroethene	0.238 "J"	ug/m3	0.231	0.734	1	TO-15		7/23/2019	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		7/23/2019	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		7/23/2019	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		7/23/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		7/23/2019	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		7/23/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		7/23/2019	CJR	1
Ethanol	90	ug/m3	0.152	0.482	1	TO-15		7/23/2019	CJR	10
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		7/23/2019	CJR	1
Ethylbenzene	8.5	ug/m3	0.203	0.645	1	TO-15		7/23/2019	CJR	1
4-Ethyltoluene	3.2	ug/m3	0.214	0.681	1	TO-15		7/23/2019	CJR	1
Heptane	19.2	ug/m3	0.265	0.845	1	TO-15		7/23/2019	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		7/23/2019	CJR	1
Hexane	28.2	ug/m3	0.235	0.748	1	TO-15		7/23/2019	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		7/23/2019	CJR	1
Isopropyl Alcohol	10.2	ug/m3	0.109	0.347	1	TO-15		7/23/2019	CJR	1
Methyl ethyl ketone (MEK)	8.3	ug/m3	0.178	0.567	1	TO-15		7/23/2019	CJR	1
Methyl isobutyl ketone (MIBK)	1.23	ug/m3	0.168	0.536	1	TO-15		7/23/2019	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		7/23/2019	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		7/23/2019	CJR	1

**Project Name** SUSIES RESTAURANT  
**Project #**

**Invoice #** E36505

**Lab Code** 5036505C  
**Sample ID** VP-1  
**Sample Matrix** Air  
**Sample Date** 7/18/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		7/23/2019	CJR	1
Naphthalene	2.56	ug/m3	0.675	2.15	1	TO-15		7/23/2019	CJR	1
Propene	48	ug/m3	0.079	0.251	1	TO-15		7/23/2019	CJR	1
Styrene	0.64	ug/m3	0.181	0.577	1	TO-15		7/23/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		7/23/2019	CJR	1
Tetrachloroethene	8.5	ug/m3	0.278	0.884	1	TO-15		7/23/2019	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		7/23/2019	CJR	1
Toluene	38	ug/m3	0.184	0.585	1	TO-15		7/23/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		7/23/2019	CJR	1
1,1,1-Trichloroethane	0.65 "J"	ug/m3	0.249	0.793	1	TO-15		7/23/2019	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		7/23/2019	CJR	1
Trichloroethene (TCE)	5.5	ug/m3	0.237	0.754	1	TO-15		7/23/2019	CJR	1
Trichlorofluoromethane	1.24	ug/m3	0.337	1.07	1	TO-15		7/23/2019	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		7/23/2019	CJR	1
1,2,4-Trimethylbenzene	12.5	ug/m3	0.283	0.899	1	TO-15		7/23/2019	CJR	1
1,3,5-Trimethylbenzene	3.09	ug/m3	0.232	0.739	1	TO-15		7/23/2019	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		7/23/2019	CJR	1
Vinyl Chloride	< 0.148	ug/m3	0.148	0.472	1	TO-15		7/23/2019	CJR	1
m&p-Xylene	23.8	ug/m3	0.377	1.2	1	TO-15		7/23/2019	CJR	1
o-Xylene	9.9	ug/m3	0.218	0.695	1	TO-15		7/23/2019	CJR	1

Lab Code 5036505D  
 Sample ID VP-2  
 Sample Matrix Air  
 Sample Date 7/18/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	96	ug/m3	7.475	23.75	25	TO-15		7/25/2019	CJR	1
Acrolein	< 2.35	ug/m3	2.35	7.475	25	TO-15		7/25/2019	CJR	1
Benzene	4 "J"	ug/m3	3.4	10.825	25	TO-15		7/25/2019	CJR	1
Benzyl Chloride	< 5.225	ug/m3	5.225	16.625	25	TO-15		7/25/2019	CJR	1
Bromodichloromethane	< 9.35	ug/m3	9.35	29.75	25	TO-15		7/25/2019	CJR	1
Bromoform	< 10.35	ug/m3	10.35	33	25	TO-15		7/25/2019	CJR	1
Bromomethane	< 5	ug/m3	5	15.925	25	TO-15		7/25/2019	CJR	1
1,3-Butadiene	< 3.575	ug/m3	3.575	11.35	25	TO-15		7/25/2019	CJR	1
Carbon Disulfide	< 3.45	ug/m3	3.45	11	25	TO-15		7/25/2019	CJR	1
Carbon Tetrachloride	< 7.675	ug/m3	7.675	24.45	25	TO-15		7/25/2019	CJR	1
Chlorobenzene	< 6.275	ug/m3	6.275	19.95	25	TO-15		7/25/2019	CJR	1
Chloroethane	< 3.975	ug/m3	3.975	12.675	25	TO-15		7/25/2019	CJR	1
Chloroform	< 7.5	ug/m3	7.5	23.825	25	TO-15		7/25/2019	CJR	1
Chloromethane	< 20.775	ug/m3	20.775	66	25	TO-15		7/25/2019	CJR	1
Cyclohexane	< 5.3	ug/m3	5.3	16.85	25	TO-15		7/25/2019	CJR	1
Dibromochloromethane	< 9.4	ug/m3	9.4	30	25	TO-15		7/25/2019	CJR	1
1,4-Dichlorobenzene	< 7.55	ug/m3	7.55	24	25	TO-15		7/25/2019	CJR	1
1,3-Dichlorobenzene	< 7.55	ug/m3	7.55	24	25	TO-15		7/25/2019	CJR	1
1,2-Dichlorobenzene	< 5.875	ug/m3	5.875	18.725	25	TO-15		7/25/2019	CJR	1
Dichlorodifluoromethane	< 6.575	ug/m3	6.575	20.9	25	TO-15		7/25/2019	CJR	1
1,2-Dichloroethane	< 6	ug/m3	6	19.075	25	TO-15		7/25/2019	CJR	1
1,1-Dichloroethane	< 4.675	ug/m3	4.675	14.9	25	TO-15		7/25/2019	CJR	1
1,1-Dichloroethene	< 5.25	ug/m3	5.25	16.7	25	TO-15		7/25/2019	CJR	1
cis-1,2-Dichloroethene	2360	ug/m3	4.925	15.65	25	TO-15		7/25/2019	CJR	1
trans-1,2-Dichloroethene	135	ug/m3	5.775	18.35	25	TO-15		7/25/2019	CJR	1
1,2-Dichloropropane	< 7	ug/m3	7	22.25	25	TO-15		7/25/2019	CJR	1
trans-1,3-Dichloropropene	< 4.95	ug/m3	4.95	15.75	25	TO-15		7/25/2019	CJR	1
cis-1,3-Dichloropropene	< 5.85	ug/m3	5.85	18.625	25	TO-15		7/25/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 11.15	ug/m3	11.15	35.5	25	TO-15		7/25/2019	CJR	1
1,4-Dioxane	< 3.925	ug/m3	3.925	12.5	25	TO-15		7/25/2019	CJR	1
EDB (1,2-Dibromoethane)	< 8.55	ug/m3	8.55	27.25	25	TO-15		7/25/2019	CJR	1
Ethanol	65	ug/m3	3.8	12.05	25	TO-15		7/25/2019	CJR	1
Ethyl Acetate	< 4.4	ug/m3	4.4	13.975	25	TO-15		7/25/2019	CJR	1
Ethylbenzene	7.6 "J"	ug/m3	5.075	16.125	25	TO-15		7/25/2019	CJR	1
4-Ethyltoluene	< 5.35	ug/m3	5.35	17.025	25	TO-15		7/25/2019	CJR	1
Heptane	8.2 "J"	ug/m3	6.625	21.125	25	TO-15		7/25/2019	CJR	1
Hexachlorobutadiene	< 12.225	ug/m3	12.225	39	25	TO-15		7/25/2019	CJR	1
Hexane	14.1 "J"	ug/m3	5.875	18.7	25	TO-15		7/25/2019	CJR	1
2-Hexanone	< 5.55	ug/m3	5.55	17.675	25	TO-15		7/25/2019	CJR	1
Isopropyl Alcohol	7.4 "J"	ug/m3	2.725	8.675	25	TO-15		7/25/2019	CJR	1
Methyl ethyl ketone (MEK)	< 4.45	ug/m3	4.45	14.175	25	TO-15		7/25/2019	CJR	1
Methyl isobutyl ketone (MIBK)	< 4.2	ug/m3	4.2	13.4	25	TO-15		7/25/2019	CJR	1
Methyl Methacrylate	< 5.425	ug/m3	5.425	17.25	25	TO-15		7/25/2019	CJR	1
Methylene chloride	< 375	ug/m3	3.975	12.65	25	TO-15		7/25/2019	CJR	1



**Project Name** SUSIES RESTAURANT  
**Project #**

**Invoice #** E36505

**Lab Code** 5036505D  
**Sample ID** VP-2  
**Sample Matrix** Air  
**Sample Date** 7/18/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Methyl tert-butyl ether (MTBE)	< 4	ug/m3	4	12.725	25	TO-15		7/25/2019	CJR	1
Naphthalene	< 16.875	ug/m3	16.875	53.75	25	TO-15		7/25/2019	CJR	1
Propene	8.6	ug/m3	1.975	6.275	25	TO-15		7/25/2019	CJR	1
Styrene	< 4.525	ug/m3	4.525	14.425	25	TO-15		7/25/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 8.125	ug/m3	8.125	25.75	25	TO-15		7/25/2019	CJR	1
Tetrachloroethene	117	ug/m3	6.95	22.1	25	TO-15		7/25/2019	CJR	1
Tetrahydrofuran	< 3.275	ug/m3	3.275	10.425	25	TO-15		7/25/2019	CJR	1
Toluene	24.5	ug/m3	4.6	14.625	25	TO-15		7/25/2019	CJR	1
1,2,4-Trichlorobenzene	< 16.425	ug/m3	16.425	52.25	25	TO-15		7/25/2019	CJR	1
1,1,1-Trichloroethane	< 6.225	ug/m3	6.225	19.825	25	TO-15		7/25/2019	CJR	1
1,1,2-Trichloroethane	< 6.45	ug/m3	6.45	20.55	25	TO-15		7/25/2019	CJR	1
Trichloroethene (TCE)	1160	ug/m3	5.925	18.85	25	TO-15		7/25/2019	CJR	1
Trichlorofluoromethane	< 8.425	ug/m3	8.425	26.75	25	TO-15		7/25/2019	CJR	1
Trichlorotrifluoroethane	< 10.05	ug/m3	10.05	32	25	TO-15		7/25/2019	CJR	1
1,2,4-Trimethylbenzene	13.5 "J"	ug/m3	7.075	22.475	25	TO-15		7/25/2019	CJR	1
1,3,5-Trimethylbenzene	< 5.8	ug/m3	5.8	18.475	25	TO-15		7/25/2019	CJR	1
Vinyl acetate	< 5.075	ug/m3	5.075	16.125	25	TO-15		7/25/2019	CJR	1
Vinyl Chloride	10.2 "J"	ug/m3	3.7	11.8	25	TO-15		7/25/2019	CJR	1
m&p-Xylene	19.5 "J"	ug/m3	9.425	30	25	TO-15		7/25/2019	CJR	1
o-Xylene	8.7 "J"	ug/m3	5.45	17.375	25	TO-15		7/25/2019	CJR	1

Lab Code 5036505E  
 Sample ID VP-3  
 Sample Matrix Air  
 Sample Date 7/18/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	41	ug/m3	0.299	0.95	1	TO-15		7/23/2019	CJR	1
Acrolein	0.73	ug/m3	0.094	0.299	1	TO-15		7/23/2019	CJR	1
Benzene	3.6	ug/m3	0.136	0.433	1	TO-15		7/23/2019	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		7/23/2019	CJR	1
Bromodichloromethane	0.6 "J"	ug/m3	0.374	1.19	1	TO-15		7/23/2019	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		7/23/2019	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		7/23/2019	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		7/23/2019	CJR	1
Carbon Disulfide	1.65	ug/m3	0.138	0.44	1	TO-15		7/23/2019	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		7/23/2019	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		7/23/2019	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		7/23/2019	CJR	1
Chloroform	0.54 "J"	ug/m3	0.3	0.953	1	TO-15		7/23/2019	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		7/23/2019	CJR	1
Cyclohexane	1.86	ug/m3	0.212	0.674	1	TO-15		7/23/2019	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		7/23/2019	CJR	1
1,4-Dichlorobenzene	0.66 "J"	ug/m3	0.302	0.96	1	TO-15		7/23/2019	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		7/23/2019	CJR	1
1,2-Dichlorobenzene	0.47 "J"	ug/m3	0.235	0.749	1	TO-15		7/23/2019	CJR	1
Dichlorodifluoromethane	6.9	ug/m3	0.263	0.836	1	TO-15		7/23/2019	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		7/23/2019	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		7/23/2019	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		7/23/2019	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		7/23/2019	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		7/23/2019	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		7/23/2019	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		7/23/2019	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		7/23/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		7/23/2019	CJR	1
1,4-Dioxane	< 0.157	ug/m3	0.157	0.5	1	TO-15		7/23/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		7/23/2019	CJR	1
Ethanol	51	ug/m3	0.152	0.482	1	TO-15		7/23/2019	CJR	1
Ethyl Acetate	0.72	ug/m3	0.176	0.559	1	TO-15		7/23/2019	CJR	1
Ethylbenzene	7.8	ug/m3	0.203	0.645	1	TO-15		7/23/2019	CJR	1
4-Ethyltoluene	3.3	ug/m3	0.214	0.681	1	TO-15		7/23/2019	CJR	1
Heptane	5.9	ug/m3	0.265	0.845	1	TO-15		7/23/2019	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		7/23/2019	CJR	1
Hexane	4.8	ug/m3	0.235	0.748	1	TO-15		7/23/2019	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		7/23/2019	CJR	1
Isopropyl Alcohol	2.92	ug/m3	0.109	0.347	1	TO-15		7/23/2019	CJR	1
Methyl ethyl ketone (MEK)	8.1	ug/m3	0.178	0.567	1	TO-15		7/23/2019	CJR	1
Methyl isobutyl ketone (MIBK)	1.51	ug/m3	0.168	0.536	1	TO-15		7/23/2019	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		7/23/2019	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		7/23/2019	CJR	1

**Project Name** SUSIES RESTAURANT  
**Project #**

**Invoice #** E36505

**Lab Code** 5036505E  
**Sample ID** VP-3  
**Sample Matrix** Air  
**Sample Date** 7/18/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		7/23/2019	CJR	1
Naphthalene	3.9	ug/m3	0.675	2.15	1	TO-15		7/23/2019	CJR	1
Propene	2.94	ug/m3	0.079	0.251	1	TO-15		7/23/2019	CJR	1
Styrene	1.02	ug/m3	0.181	0.577	1	TO-15		7/23/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		7/23/2019	CJR	1
Tetrachloroethene	1.97	ug/m3	0.278	0.884	1	TO-15		7/23/2019	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		7/23/2019	CJR	1
Toluene	53	ug/m3	0.184	0.585	1	TO-15		7/23/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		7/23/2019	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		7/23/2019	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		7/23/2019	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		7/23/2019	CJR	1
Trichlorofluoromethane	2.02	ug/m3	0.337	1.07	1	TO-15		7/23/2019	CJR	1
Trichlorotrifluoroethane	0.69 "J"	ug/m3	0.402	1.28	1	TO-15		7/23/2019	CJR	1
1,2,4-Trimethylbenzene	11.9	ug/m3	0.283	0.899	1	TO-15		7/23/2019	CJR	1
1,3,5-Trimethylbenzene	2.7	ug/m3	0.232	0.739	1	TO-15		7/23/2019	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		7/23/2019	CJR	1
Vinyl Chloride	0.33 "J"	ug/m3	0.148	0.472	1	TO-15		7/23/2019	CJR	1
m&p-Xylene	26.2	ug/m3	0.377	1.2	1	TO-15		7/23/2019	CJR	1
o-Xylene	10.5	ug/m3	0.218	0.695	1	TO-15		7/23/2019	CJR	1

Lab Code 5036505F  
 Sample ID VP-4  
 Sample Matrix Air  
 Sample Date 7/18/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	340	ug/m3	2.99	9.5	10	TO-15		7/22/2019	CJR	1
Acrolein	1.67	ug/m3	0.094	0.299	1	TO-15		7/25/2019	CJR	1
Benzene	14.5	ug/m3	0.136	0.433	1	TO-15		7/25/2019	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		7/25/2019	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		7/25/2019	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		7/25/2019	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		7/25/2019	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		7/25/2019	CJR	1
Carbon Disulfide	13.1	ug/m3	0.138	0.44	1	TO-15		7/25/2019	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		7/25/2019	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		7/25/2019	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		7/25/2019	CJR	1
Chloroform	0.34 "J"	ug/m3	0.3	0.953	1	TO-15		7/25/2019	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		7/25/2019	CJR	1
Cyclohexane	7.4	ug/m3	0.212	0.674	1	TO-15		7/25/2019	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		7/25/2019	CJR	1
1,4-Dichlorobenzene	0.66 "J"	ug/m3	0.302	0.96	1	TO-15		7/25/2019	CJR	1
1,3-Dichlorobenzene	0.48 "J"	ug/m3	0.302	0.96	1	TO-15		7/25/2019	CJR	1
1,2-Dichlorobenzene	5	ug/m3	0.235	0.749	1	TO-15		7/25/2019	CJR	1
Dichlorodifluoromethane	4900	ug/m3	2.63	8.36	10	TO-15		7/22/2019	CJR	10
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		7/25/2019	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		7/25/2019	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		7/25/2019	CJR	1
cis-1,2-Dichloroethene	3.01	ug/m3	0.197	0.626	1	TO-15		7/25/2019	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		7/25/2019	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		7/25/2019	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		7/25/2019	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		7/25/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		7/25/2019	CJR	1
1,4-Dioxane	14.7	ug/m3	0.157	0.5	1	TO-15		7/25/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		7/25/2019	CJR	1
Ethanol	1620	ug/m3	1.52	4.82	10	TO-15		7/22/2019	CJR	10
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		7/25/2019	CJR	1
Ethylbenzene	20.3	ug/m3	0.203	0.645	1	TO-15		7/25/2019	CJR	1
4-Ethyltoluene	9.4	ug/m3	0.214	0.681	1	TO-15		7/25/2019	CJR	1
Heptane	22	ug/m3	0.265	0.845	1	TO-15		7/25/2019	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		7/25/2019	CJR	1
Hexane	25.7	ug/m3	0.235	0.748	1	TO-15		7/25/2019	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		7/25/2019	CJR	1
Isopropyl Alcohol	48	ug/m3	0.109	0.347	1	TO-15		7/25/2019	CJR	1
Methyl ethyl ketone (MEK)	27.2	ug/m3	0.178	0.567	1	TO-15		7/25/2019	CJR	1
Methyl isobutyl ketone (MIBK)	8.2	ug/m3	0.168	0.536	1	TO-15		7/25/2019	CJR	1
Methyl Methacrylate	1.68	ug/m3	0.217	0.69	1	TO-15		7/25/2019	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		7/25/2019	CJR	1

**Project Name** SUSIES RESTAURANT  
**Project #**

**Invoice #** E36505

**Lab Code** 5036505F  
**Sample ID** VP-4  
**Sample Matrix** Air  
**Sample Date** 7/18/2019

	<b>Result</b>	<b>Unit</b>	<b>LOD</b>	<b>LOQ</b>	<b>Dil</b>	<b>Method</b>	<b>Ext Date</b>	<b>Run Date</b>	<b>Analyst</b>	<b>Code</b>
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		7/25/2019	CJR	1
Naphthalene	15.7	ug/m3	0.675	2.15	1	TO-15		7/25/2019	CJR	1
Propene	31.6	ug/m3	0.079	0.251	1	TO-15		7/25/2019	CJR	1
Styrene	11	ug/m3	0.181	0.577	1	TO-15		7/25/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		7/25/2019	CJR	1
Tetrachloroethene	187	ug/m3	0.278	0.884	1	TO-15		7/25/2019	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		7/25/2019	CJR	1
Toluene	70	ug/m3	0.184	0.585	1	TO-15		7/25/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		7/25/2019	CJR	1
1,1,1-Trichloroethane	1.14	ug/m3	0.249	0.793	1	TO-15		7/25/2019	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		7/25/2019	CJR	1
Trichloroethene (TCE)	3.6	ug/m3	0.237	0.754	1	TO-15		7/25/2019	CJR	1
Trichlorofluoromethane	1.46	ug/m3	0.337	1.07	1	TO-15		7/25/2019	CJR	1
Trichlorotrifluoroethane	0.61 "J"	ug/m3	0.402	1.28	1	TO-15		7/25/2019	CJR	1
1,2,4-Trimethylbenzene	51	ug/m3	0.283	0.899	1	TO-15		7/25/2019	CJR	1
1,3,5-Trimethylbenzene	12.3	ug/m3	0.232	0.739	1	TO-15		7/25/2019	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		7/25/2019	CJR	1
Vinyl Chloride	0.49	ug/m3	0.148	0.472	1	TO-15		7/25/2019	CJR	1
m&p-Xylene	66	ug/m3	0.377	1.2	1	TO-15		7/25/2019	CJR	1
o-Xylene	26.7	ug/m3	0.218	0.695	1	TO-15		7/25/2019	CJR	1

Lab Code 5036505G  
 Sample ID VP-5  
 Sample Matrix Air  
 Sample Date 7/18/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
Air Samples										
Acetone	440	ug/m3	0.299	0.95	1	TO-15		7/25/2019	CJR	10
Acrolein	1.86	ug/m3	0.094	0.299	1	TO-15		7/25/2019	CJR	1
Benzene	13.7	ug/m3	0.136	0.433	1	TO-15		7/25/2019	CJR	1
Benzyl Chloride	< 0.209	ug/m3	0.209	0.665	1	TO-15		7/25/2019	CJR	1
Bromodichloromethane	< 0.374	ug/m3	0.374	1.19	1	TO-15		7/25/2019	CJR	1
Bromoform	< 0.414	ug/m3	0.414	1.32	1	TO-15		7/25/2019	CJR	1
Bromomethane	< 0.2	ug/m3	0.2	0.637	1	TO-15		7/25/2019	CJR	1
1,3-Butadiene	< 0.143	ug/m3	0.143	0.454	1	TO-15		7/25/2019	CJR	1
Carbon Disulfide	2.68	ug/m3	0.138	0.44	1	TO-15		7/25/2019	CJR	1
Carbon Tetrachloride	< 0.307	ug/m3	0.307	0.978	1	TO-15		7/25/2019	CJR	1
Chlorobenzene	< 0.251	ug/m3	0.251	0.798	1	TO-15		7/25/2019	CJR	1
Chloroethane	< 0.159	ug/m3	0.159	0.507	1	TO-15		7/25/2019	CJR	1
Chloroform	< 0.3	ug/m3	0.3	0.953	1	TO-15		7/25/2019	CJR	1
Chloromethane	< 0.831	ug/m3	0.831	2.64	1	TO-15		7/25/2019	CJR	1
Cyclohexane	8.2	ug/m3	0.212	0.674	1	TO-15		7/25/2019	CJR	1
Dibromochloromethane	< 0.376	ug/m3	0.376	1.2	1	TO-15		7/25/2019	CJR	1
1,4-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		7/25/2019	CJR	1
1,3-Dichlorobenzene	< 0.302	ug/m3	0.302	0.96	1	TO-15		7/25/2019	CJR	1
1,2-Dichlorobenzene	0.65 "J"	ug/m3	0.235	0.749	1	TO-15		7/25/2019	CJR	1
Dichlorodifluoromethane	4.5	ug/m3	0.263	0.836	1	TO-15		7/25/2019	CJR	1
1,2-Dichloroethane	< 0.24	ug/m3	0.24	0.763	1	TO-15		7/25/2019	CJR	1
1,1-Dichloroethane	< 0.187	ug/m3	0.187	0.596	1	TO-15		7/25/2019	CJR	1
1,1-Dichloroethene	< 0.21	ug/m3	0.21	0.668	1	TO-15		7/25/2019	CJR	1
cis-1,2-Dichloroethene	< 0.197	ug/m3	0.197	0.626	1	TO-15		7/25/2019	CJR	1
trans-1,2-Dichloroethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		7/25/2019	CJR	1
1,2-Dichloropropane	< 0.28	ug/m3	0.28	0.89	1	TO-15		7/25/2019	CJR	1
trans-1,3-Dichloropropene	< 0.198	ug/m3	0.198	0.63	1	TO-15		7/25/2019	CJR	1
cis-1,3-Dichloropropene	< 0.234	ug/m3	0.234	0.745	1	TO-15		7/25/2019	CJR	1
1,2-Dichlorotetrafluoroethane	< 0.446	ug/m3	0.446	1.42	1	TO-15		7/25/2019	CJR	1
1,4-Dioxane	11.6	ug/m3	0.157	0.5	1	TO-15		7/25/2019	CJR	1
EDB (1,2-Dibromoethane)	< 0.342	ug/m3	0.342	1.09	1	TO-15		7/25/2019	CJR	1
Ethanol	256	ug/m3	0.152	0.482	1	TO-15		7/25/2019	CJR	10
Ethyl Acetate	< 0.176	ug/m3	0.176	0.559	1	TO-15		7/25/2019	CJR	1
Ethylbenzene	18.9	ug/m3	0.203	0.645	1	TO-15		7/25/2019	CJR	1
4-Ethyltoluene	8.8	ug/m3	0.214	0.681	1	TO-15		7/25/2019	CJR	1
Heptane	23.4	ug/m3	0.265	0.845	1	TO-15		7/25/2019	CJR	1
Hexachlorobutadiene	< 0.489	ug/m3	0.489	1.56	1	TO-15		7/25/2019	CJR	1
Hexane	29.4	ug/m3	0.235	0.748	1	TO-15		7/25/2019	CJR	1
2-Hexanone	< 0.222	ug/m3	0.222	0.707	1	TO-15		7/25/2019	CJR	1
Isopropyl Alcohol	30.5	ug/m3	0.109	0.347	1	TO-15		7/25/2019	CJR	1
Methyl ethyl ketone (MEK)	20	ug/m3	0.178	0.567	1	TO-15		7/25/2019	CJR	1
Methyl isobutyl ketone (MIBK)	< 0.168	ug/m3	0.168	0.536	1	TO-15		7/25/2019	CJR	1
Methyl Methacrylate	< 0.217	ug/m3	0.217	0.69	1	TO-15		7/25/2019	CJR	1
Methylene chloride	< 15	ug/m3	0.159	0.506	1	TO-15		7/25/2019	CJR	1

**Lab Code** 5036505G  
**Sample ID** VP-5  
**Sample Matrix** Air  
**Sample Date** 7/18/2019

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Methyl tert-butyl ether (MTBE)	< 0.16	ug/m3	0.16	0.509	1	TO-15		7/25/2019	CJR	1
Naphthalene	6.9	ug/m3	0.675	2.15	1	TO-15		7/25/2019	CJR	1
Propene	35	ug/m3	0.079	0.251	1	TO-15		7/25/2019	CJR	1
Styrene	1.11	ug/m3	0.181	0.577	1	TO-15		7/25/2019	CJR	1
1,1,2,2-Tetrachloroethane	< 0.325	ug/m3	0.325	1.03	1	TO-15		7/25/2019	CJR	1
Tetrachloroethene	33	ug/m3	0.278	0.884	1	TO-15		7/25/2019	CJR	1
Tetrahydrofuran	< 0.131	ug/m3	0.131	0.417	1	TO-15		7/25/2019	CJR	1
Toluene	71	ug/m3	0.184	0.585	1	TO-15		7/25/2019	CJR	1
1,2,4-Trichlorobenzene	< 0.657	ug/m3	0.657	2.09	1	TO-15		7/25/2019	CJR	1
1,1,1-Trichloroethane	< 0.249	ug/m3	0.249	0.793	1	TO-15		7/25/2019	CJR	1
1,1,2-Trichloroethane	< 0.258	ug/m3	0.258	0.822	1	TO-15		7/25/2019	CJR	1
Trichloroethene (TCE)	< 0.237	ug/m3	0.237	0.754	1	TO-15		7/25/2019	CJR	1
Trichlorofluoromethane	1.4	ug/m3	0.337	1.07	1	TO-15		7/25/2019	CJR	1
Trichlorotrifluoroethane	0.54 "J"	ug/m3	0.402	1.28	1	TO-15		7/25/2019	CJR	1
1,2,4-Trimethylbenzene	43	ug/m3	0.283	0.899	1	TO-15		7/25/2019	CJR	1
1,3,5-Trimethylbenzene	12	ug/m3	0.232	0.739	1	TO-15		7/25/2019	CJR	1
Vinyl acetate	< 0.203	ug/m3	0.203	0.645	1	TO-15		7/25/2019	CJR	1
Vinyl Chloride	0.41 "J"	ug/m3	0.148	0.472	1	TO-15		7/25/2019	CJR	1
m&p-Xylene	50	ug/m3	0.377	1.2	1	TO-15		7/25/2019	CJR	1
o-Xylene	21	ug/m3	0.218	0.695	1	TO-15		7/25/2019	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

**Code**      **Comment**

- 1              Laboratory QC within limits.
- 10             Linear range of calibration curve exceeded.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

**Authorized Signature**