PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

25 YEARS
1991 - 2016

Via Electronic Mail: larry.alden@dec.ny.gov

June 23, 2017

Mr. Larry Alden, P.E.
Environmental Engineer 2
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Re: Soil Vapor Monitoring and Remedial Status Report
Dambrose Cleaners
1517 Van Vranken Avenue
Schenectady, New York
NYS DEC Site No.: 447030

Dear Mr. Alden:

This letter serves as the status report for soil vapor monitoring and ongoing remediation conducted at the above referenced site during the time period of June 2016 – May 2017. Soil Vapor monitoring conducted on November 20, 2016 and March 13, 2017 consisted of sampling Soil Vapor Extraction (SVE) lines as well as SVE Effluent and Sub Slab depressurization System (SSDS) Effluent via EPA Method TO-15. No Groundwater sampling and monitoring occurred during the referenced time period. Remedial efforts during the monitoring period consisted of monitoring and maintaining a SVE system that has been in operation at the site since January 2011.

1.0 System Air Sampling

Samples were collected from the influent and effluent SVE system airstreams and exhaust of the sub slab depressurization system (SSDS) on November 20, 2017 and March 13, 2017. All samples were collected in tedlar bags provided by the analytical laboratory, labeled, and submitted under chain of custody to Pace Analytical Labs, in Schenectady, NY and TestAmerica Environmental Laboratories, Inc., of Amherst, NY, to be analyzed via EPA Method TO-15. As indicated in the attached Table 1 (Summary of VOCs in System Air Analytical Results) several VOCs, including Tetrachloroethene (PCE), were detected within the collected samples. According to the data the most significant concentration of VOCs were originating from the northernmost trench of the SVE system (SVE-3). This is consistent with the previously collected data as indicated in Table 2 (PCE in Soil Vapor Over Time). A copy of the laboratory analytical report for the collected samples is included in Attachment 1.

2.0 Soil Vapor Extraction Status:

The purpose of the SVE system at this site is to mitigate the contaminant mass documented within the vadose zone below the site and capture fugitive VOCs. The vacuum and negative airflow induced by the SVE blower draws the contaminant mass upward to the horizontal SVE lines. Following extraction by the SVE blower, the raw recovered vapor is then discharged to the atmosphere. Currently, no method of off-gas treatment has been applied.

Regular SVE system operation and maintenance (O&M) visits have been performed during the monitoring period. During the O&M visits, field screening of the SVE effluent air stream was performed and recorded with a photo-ionization detector (PID). The maximum concentration detected within the SVE effluent air stream during the current monitoring period was 435 parts per billion (ppb) which was recorded on October 18, 2016. A summary of the SVE effluent concentrations recorded during the monitoring period is included in the attached Table 3 (SVE System Removal Summary).

3.0 Conclusions/Recommendations:

PES has been conducting routine O&M at the former Dambrose Cleaners site, which included routine SVE air effluent screening, air sampling via EPA method TO-15. Data collected indicates that concentrations of PCE in air samples continue to fluctuate; however, a downward trend with respect to PCS concentrations is present in data included on Tables 2 and 3. Routine monitoring and air sampling conducted of the remedial system does indicate that the system continues to process contaminant mass. PES recommends further operation of the soil vapor extraction system and routine groundwater monitoring.

If you have any questions or comments regarding the above information, please contact the undersigned at (518) 885-4399.

Sincerely,
PRECISION ENVIRONMENTAL SERVICES, INC.

Kati N. Liloia
Geologist

Stephen M. Phelps
Project Manager

TABLES

Table 1
Summary of VOCs in System Air Analytical Results
Dambrose Cleaners
1517 Van Vranken Avenue
Schenectady, NY

Parameter (Method TO-15)	SAMPLE IDENTIFICATION				
	SVE-1	SVE-2	SVE-3	SVE Effluent	SSDS Effluent*
1,1,1-Trichloroethane	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND
1,1,2-Trichlorotriflouroethane	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**55.6**	**65.5**	**44.4**	**72.4**	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**17.6**	**21**	**14**	**25.2**	ND
1,3-Butadiene	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND
4-Ethyltoluene	**23.5**	**27.1**	**16.2**	**24.2**	ND
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	**2.7**	**2.6**	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND
Cyclohexane	**4.5**	**3**	**6.6**	**4.4**	ND
Dibromochloromethane	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND
Ethylbenzene	**12.7**	**17.2**	**11.9**	**45.8**	ND
Ethanol	**26.6**	**28.5**	**33.1**	**15.8**	ND
Hexachloro-1,3-butadiene	ND	ND	ND	ND	ND
Ethyl Acetate	**176**	**16.4**	**644**	**37.7**	ND
Methylene Chloride	**724**	**500**	**329**	**153**	ND
Methyl-tert-butyl ether	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	NA	NA	NA	NA	**27**
n-Heptane	**12.4**	**9.6**	**37.1**	**6.6**	ND
n-Hexane	**541**	**351**	**83.6**	**20.2**	ND
Propylene	ND	ND	ND	ND	ND
Styrene	**10.8**	**15.6**	**11**	**5.2**	ND
Tetrachloroethene	**64.5**	**76.4**	**147**	**146**	**480**
Tetrahydrofuran	ND	ND	**8.5**	ND	ND
Toluene	**108**	**137**	**114**	**122**	**29**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND
Vinyl chloride	ND	ND	ND	ND	ND

Samples collected on November 20, 2016
* Collected 3/13/2017 and analyzed by TestAmerica Environmental Laboratories, Inc, Amherst, NY
All Values are Reported in ug/m3
ND = Not Detected
Only parameters with detections summarized
Analytical Facility - Pace Analytical Laboratory, Inc. Schenectady, New York

Table 2
PCE in Soil Vapor Over Time
Dambrose Cleaners
1517 Van Vranken Avenue
Schenectady, NY

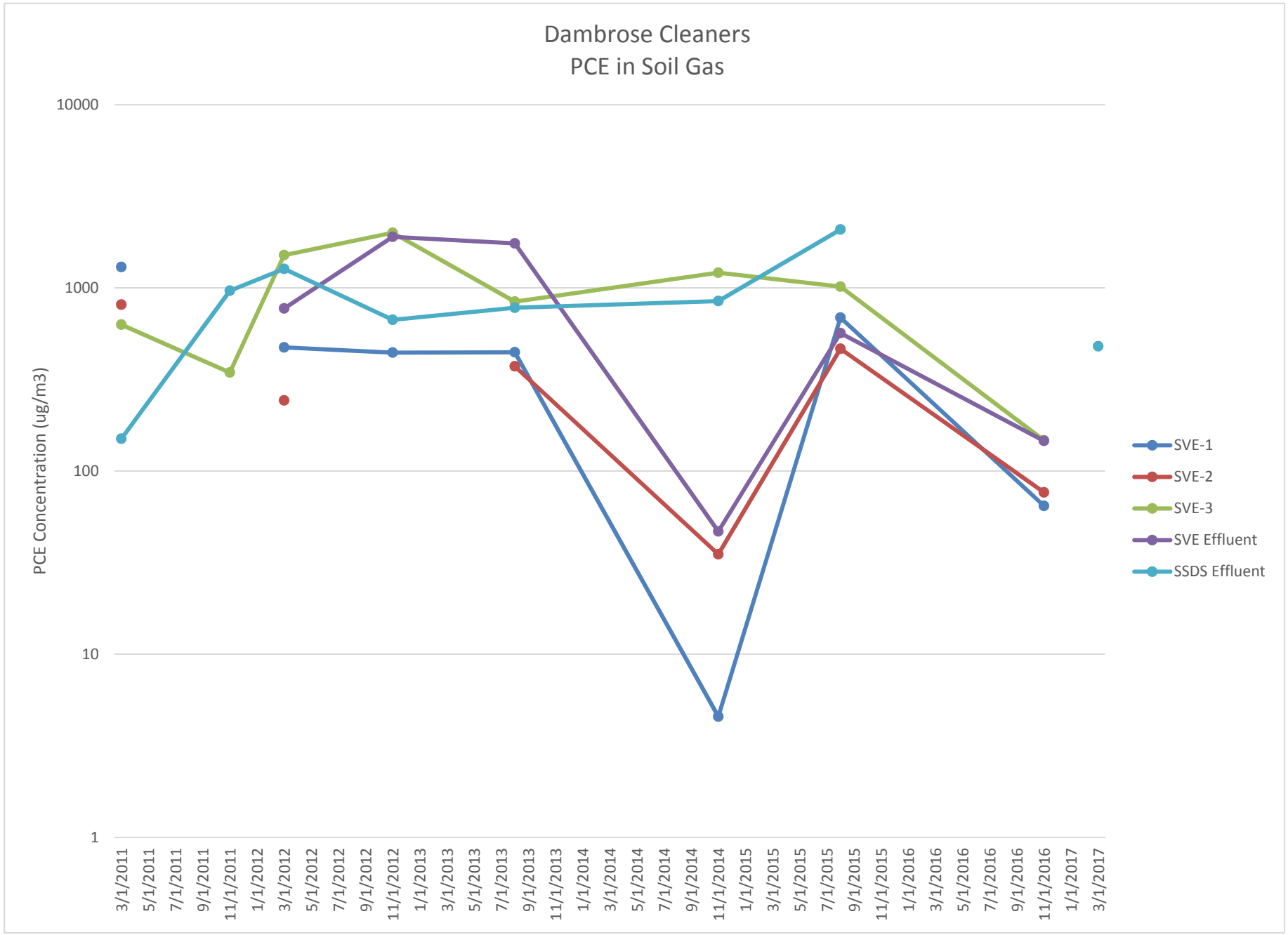
Date	Monitoring Point				
	SVE-1	SVE-2	SVE-3	SVE Effluent	SSDS Effluent
3/18/2011	1300	810	630		150
11/1/2011			345		965
3/15/2012	473	243	1510	772	1270
11/29/2012	443		2000	1900	669
8/23/2013	445	373	841	1750	779
11/17/2014	4.56	35.1	1,210	46.8	847
8/31/2015	687.9	465.1	1016	566	2082.4
11/20/2016	64.5	76.4	147	146	
3/13/2017					480

TABLE - 3
SVE System Removal Summary

Dambrose Cleaners
1517 Van Vranken Avenue
Schenectady, NY

Date	SVE Effluent Vapor Concentration* (ppb)	Air Flow (SCFM)
1/10/2011	650	96.00
1/11/2011	700	94.78
1/12/2011	1067	93.00
1/13/2011	750	94.82
1/14/2011**	1300	94.07
1/28/2011	400	94.59
2/18/2011	930	91.75
3/4/2011	206	95.10
3/18/2011	121	91.33
4/1/2011	174	92.25
4/15/2011	700	93.36
5/20/2011	340	88.63
6/22/2011	810	87.89
7/27/2011	847	85.66
9/8/2012**	-	-
10/7/2011	1200	92.86
11/1/2011	284	94.14
12/14/2011	0	95.47
1/16/2012	500	94.91
1/30/2012	200	95.53
2/21/2012	400	99.21
3/15/2012	0	96.92
4/9/2012	400	93.81
5/24/2012	414	89.05
6/11/2013	144	88.43
7/2/2013	-	88.39
8/23/2013	358	88.36
9/20/2013	217	88.74
10/24/2013	0	91.17
11/22/2013	131	95.16
12/30/2013	110	96.03
1/27/2014	200	95.70
3/7/2014	0	100.03
4/4/2014	0	94.14
5/12/2014	200	91.71
6/3/2014	185	89.52
7/7/2014	11	88.12
8/4/2014	500	89.09
9/2/2014	369	87.50
10/2/2014	636	92.38
11/3/2014	258	93.00
11/17/2014	0	95.22
12/26/2014	0	95.35
1/26/2015	0	95.57
2/9/2015	263	96.98
3/3/2015	0	95.70
4/13/2015	0	94.57
5/29/2015	219	92.47
6/26/2015	0	90.86
7/22/2015	487	89.41
8/18/2015	178	88.40
10/7/2015	0	92.89
11/10/2015	23	95.94
3/9/2016	0	91.32
4/1/2016	42	89.71
5/7/2016	26	91.95
6/23/2016	165	89.38
7/22/2016	158	88.27
8/22/2016	122	90.80
9/14/2016	380	90.45
10/18/2016	435	91.34
11/27/2016	2	94.76
1/11/2017	48	93.59
2/20/2017	0	94.22
3/13/2017	0	98.48
3/29/2017	0	96.18
4/13/2017	0	93.58
5/3/2017	0	90.97
6/6/2017	58	90.34

* = As determined in field PID screening of airstream
** = System shutdown


Dambrose Cleaners
PCE in Soil Gas
PCE Concentration (ug/m3)
10000
1000
100
10
1
3/1/2011
5/1/2011
7/1/2011
9/1/2011
11/1/2011
1/1/2012
3/1/2012
5/1/2012
7/1/2012
9/1/2012
11/1/2012
1/1/2013
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11/1/2015
1/1/2016
3/1/2016
5/1/2016
7/1/2016
9/1/2016
11/1/2016
1/1/2017
3/1/2017
SVE-1
SVE-2
SVE-3
SVE Effluent
SSDS Effluent

ATTACHMENT - 1

Laboratory Analytical Report

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

December 12, 2016

Steve Phelps
Precision Environmental Services
831 Route 67
Lot 38
Ballston Spa, NY 12020

RE: Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Dear Steve Phelps:
Enclosed are the analytical results for sample(s) received by the laboratory on November 30, 2016. 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,

Nathan Boberg
nathan.boberg@pacelabs.com
Project Manager

Enclosures

cc: Katie Liloila, Precision Environmental Services

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

CERTIFICATIONS

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
Alaska Certification UST-107
525 N 8th Street, Salina, KS 67401
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

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

SAMPLE SUMMARY

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10371709001	**SVE#1**	Air	11/20/16 10:20	11/30/16 09:50
10371709002	**SVE#2**	Air	11/20/16 10:40	11/30/16 09:50
10371709003	**SVE#3**	Air	11/20/16 11:10	11/30/16 09:50
10371709004	**Effluent**	Air	11/20/16 10:00	11/30/16 09:50
10371709005	**SSDS**	Air	11/20/16 11:30	11/30/16 09:50

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10371709001	**SVE#1**	TO-15	NCK	61
10371709002	**SVE#2**	TO-15	NCK	61
10371709003	**SVE#3**	TO-15	NCK	61
10371709004	**Effluent**	TO-15	NCK	61

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

ANALYTICAL RESULTS

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Sample: SVE#1 **Lab ID: 10371709001** Collected: 11/20/16 10:20 Received: 11/30/16 09:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**207**	ug/m3	4.1	1.68		12/06/16 15:06	67-64-1	
Benzene	**2.5**	ug/m3	0.55	1.68		12/06/16 15:06	71-43-2	
Benzyl chloride	ND	ug/m3	4.4	1.68		12/06/16 15:06	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	1.68		12/06/16 15:06	75-27-4	
Bromoform	ND	ug/m3	8.8	1.68		12/06/16 15:06	75-25-2	
Bromomethane	ND	ug/m3	1.3	1.68		12/06/16 15:06	74-83-9	
1,3-Butadiene	ND	ug/m3	0.76	1.68		12/06/16 15:06	106-99-0	
2-Butanone (MEK)	**10.3**	ug/m3	5.0	1.68		12/06/16 15:06	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	1.68		12/06/16 15:06	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.1	1.68		12/06/16 15:06	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	1.68		12/06/16 15:06	108-90-7	
Chloroethane	ND	ug/m3	0.91	1.68		12/06/16 15:06	75-00-3	
Chloroform	ND	ug/m3	0.83	1.68		12/06/16 15:06	67-66-3	
Chloromethane	ND	ug/m3	0.71	1.68		12/06/16 15:06	74-87-3	
Cyclohexane	**4.5**	ug/m3	1.2	1.68		12/06/16 15:06	110-82-7	
Dibromochloromethane	ND	ug/m3	2.9	1.68		12/06/16 15:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.6	1.68		12/06/16 15:06	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	1.68		12/06/16 15:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	1.68		12/06/16 15:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	2.0	1.68		12/06/16 15:06	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	4.2	1.68		12/06/16 15:06	75-71-8	
1,1-Dichloroethane	ND	ug/m3	3.5	1.68		12/06/16 15:06	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.69	1.68		12/06/16 15:06	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	1.68		12/06/16 15:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	1.68		12/06/16 15:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	1.68		12/06/16 15:06	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	1.68		12/06/16 15:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.5	1.68		12/06/16 15:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.9	1.68		12/06/16 15:06	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	1.68		12/06/16 15:06	76-14-2	
Ethanol	**26.6**	ug/m3	1.6	1.68		12/06/16 15:06	64-17-5	
Ethyl acetate	**176**	ug/m3	1.2	1.68		12/06/16 15:06	141-78-6	
Ethylbenzene	**12.7**	ug/m3	1.5	1.68		12/06/16 15:06	100-41-4	
4-Ethyltoluene	**23.5**	ug/m3	1.7	1.68		12/06/16 15:06	622-96-8	
n-Heptane	**12.4**	ug/m3	3.5	1.68		12/06/16 15:06	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.6	1.68		12/06/16 15:06	87-68-3	
n-Hexane	**541**	ug/m3	4.4	6.05		12/07/16 12:30	110-54-3	
2-Hexanone	ND	ug/m3	7.0	1.68		12/06/16 15:06	591-78-6	
Methylene Chloride	**724**	ug/m3	5.9	1.68		12/06/16 15:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.0	1.68		12/06/16 15:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.2	1.68		12/06/16 15:06	1634-04-4	
Naphthalene	**6.0**	ug/m3	4.5	1.68		12/06/16 15:06	91-20-3	
2-Propanol	**12.8**	ug/m3	4.2	1.68		12/06/16 15:06	67-63-0	
Propylene	ND	ug/m3	0.59	1.68		12/06/16 15:06	115-07-1	
Styrene	**10.8**	ug/m3	1.5	1.68		12/06/16 15:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	1.68		12/06/16 15:06	79-34-5	
Tetrachloroethene	**64.5**	ug/m3	1.2	1.68		12/06/16 15:06	127-18-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Sample: SVE#1 **Lab ID: 10371709001** Collected: 11/20/16 10:20 Received: 11/30/16 09:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	1.0	1.68		12/06/16 15:06	109-99-9	
Toluene	**108**	ug/m3	1.3	1.68		12/06/16 15:06	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	6.3	1.68		12/06/16 15:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	1.68		12/06/16 15:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.92	1.68		12/06/16 15:06	79-00-5	
Trichloroethene	**2.7**	ug/m3	0.92	1.68		12/06/16 15:06	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.9	1.68		12/06/16 15:06	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.7	1.68		12/06/16 15:06	76-13-1	
1,2,4-Trimethylbenzene	**55.6**	ug/m3	1.7	1.68		12/06/16 15:06	95-63-6	
1,3,5-Trimethylbenzene	**17.6**	ug/m3	1.7	1.68		12/06/16 15:06	108-67-8	
Vinyl acetate	**27.8**	ug/m3	1.2	1.68		12/06/16 15:06	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	1.68		12/06/16 15:06	75-01-4	
m&p-Xylene	**55.2**	ug/m3	3.0	1.68		12/06/16 15:06	179601-23-1	
o-Xylene	**20.6**	ug/m3	1.5	1.68		12/06/16 15:06	95-47-6	

Sample: SVE#2 **Lab ID: 10371709002** Collected: 11/20/16 10:40 Received: 11/30/16 09:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**235**	ug/m3	4.1	1.68		12/06/16 15:50	67-64-1	
Benzene	**2.1**	ug/m3	0.55	1.68		12/06/16 15:50	71-43-2	
Benzyl chloride	ND	ug/m3	4.4	1.68		12/06/16 15:50	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	1.68		12/06/16 15:50	75-27-4	
Bromoform	ND	ug/m3	8.8	1.68		12/06/16 15:50	75-25-2	
Bromomethane	ND	ug/m3	1.3	1.68		12/06/16 15:50	74-83-9	
1,3-Butadiene	ND	ug/m3	0.76	1.68		12/06/16 15:50	106-99-0	
2-Butanone (MEK)	**12.3**	ug/m3	5.0	1.68		12/06/16 15:50	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	1.68		12/06/16 15:50	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.1	1.68		12/06/16 15:50	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	1.68		12/06/16 15:50	108-90-7	
Chloroethane	ND	ug/m3	0.91	1.68		12/06/16 15:50	75-00-3	
Chloroform	ND	ug/m3	0.83	1.68		12/06/16 15:50	67-66-3	
Chloromethane	ND	ug/m3	0.71	1.68		12/06/16 15:50	74-87-3	
Cyclohexane	**3.0**	ug/m3	1.2	1.68		12/06/16 15:50	110-82-7	
Dibromochloromethane	ND	ug/m3	2.9	1.68		12/06/16 15:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.6	1.68		12/06/16 15:50	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	1.68		12/06/16 15:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	1.68		12/06/16 15:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	2.0	1.68		12/06/16 15:50	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	4.2	1.68		12/06/16 15:50	75-71-8	
1,1-Dichloroethane	ND	ug/m3	3.5	1.68		12/06/16 15:50	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.69	1.68		12/06/16 15:50	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	1.68		12/06/16 15:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.4	1.68		12/06/16 15:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	1.68		12/06/16 15:50	156-60-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Sample: SVE#2 **Lab ID: 10371709002** Collected: 11/20/16 10:40 Received: 11/30/16 09:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
1,2-Dichloropropane	ND	ug/m3	1.6	1.68		12/06/16 15:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.5	1.68		12/06/16 15:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.9	1.68		12/06/16 15:50	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	1.68		12/06/16 15:50	76-14-2	
Ethanol	**28.5**	ug/m3	1.6	1.68		12/06/16 15:50	64-17-5	
Ethyl acetate	**16.4**	ug/m3	1.2	1.68		12/06/16 15:50	141-78-6	
Ethylbenzene	**17.2**	ug/m3	1.5	1.68		12/06/16 15:50	100-41-4	
4-Ethyltoluene	**27.1**	ug/m3	1.7	1.68		12/06/16 15:50	622-96-8	
n-Heptane	**9.6**	ug/m3	3.5	1.68		12/06/16 15:50	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.6	1.68		12/06/16 15:50	87-68-3	
n-Hexane	**351**	ug/m3	4.1	5.64		12/07/16 11:26	110-54-3	
2-Hexanone	ND	ug/m3	7.0	1.68		12/06/16 15:50	591-78-6	
Methylene Chloride	**500**	ug/m3	5.9	1.68		12/06/16 15:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.0	1.68		12/06/16 15:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.2	1.68		12/06/16 15:50	1634-04-4	
Naphthalene	**7.6**	ug/m3	4.5	1.68		12/06/16 15:50	91-20-3	
2-Propanol	**6.0**	ug/m3	4.2	1.68		12/06/16 15:50	67-63-0	
Propylene	ND	ug/m3	0.59	1.68		12/06/16 15:50	115-07-1	
Styrene	**15.6**	ug/m3	1.5	1.68		12/06/16 15:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	1.68		12/06/16 15:50	79-34-5	
Tetrachloroethene	**76.4**	ug/m3	1.2	1.68		12/06/16 15:50	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.0	1.68		12/06/16 15:50	109-99-9	
Toluene	**137**	ug/m3	1.3	1.68		12/06/16 15:50	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	6.3	1.68		12/06/16 15:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	1.68		12/06/16 15:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.92	1.68		12/06/16 15:50	79-00-5	
Trichloroethene	**1.9**	ug/m3	0.92	1.68		12/06/16 15:50	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.9	1.68		12/06/16 15:50	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.7	1.68		12/06/16 15:50	76-13-1	
1,2,4-Trimethylbenzene	**65.5**	ug/m3	1.7	1.68		12/06/16 15:50	95-63-6	
1,3,5-Trimethylbenzene	**21.0**	ug/m3	1.7	1.68		12/06/16 15:50	108-67-8	
Vinyl acetate	ND	ug/m3	1.2	1.68		12/06/16 15:50	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	1.68		12/06/16 15:50	75-01-4	
m&p-Xylene	**73.5**	ug/m3	3.0	1.68		12/06/16 15:50	179601-23-1	
o-Xylene	**27.6**	ug/m3	1.5	1.68		12/06/16 15:50	95-47-6	

Sample: SVE#3 **Lab ID: 10371709003** Collected: 11/20/16 11:10 Received: 11/30/16 09:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**228**	ug/m3	4.1	1.68		12/06/16 16:22	67-64-1	
Benzene	**4.2**	ug/m3	0.55	1.68		12/06/16 16:22	71-43-2	
Benzyl chloride	ND	ug/m3	4.4	1.68		12/06/16 16:22	100-44-7	
Bromodichloromethane	ND	ug/m3	2.3	1.68		12/06/16 16:22	75-27-4	
Bromoform	ND	ug/m3	8.8	1.68		12/06/16 16:22	75-25-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Sample: SVE#3 **Lab ID: 10371709003** Collected: 11/20/16 11:10 Received: 11/30/16 09:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Bromomethane	ND	ug/m3	1.3	1.68		12/06/16 16:22	74-83-9	
1,3-Butadiene	ND	ug/m3	0.76	1.68		12/06/16 16:22	106-99-0	
2-Butanone (MEK)	**10.6**	ug/m3	5.0	1.68		12/06/16 16:22	78-93-3	
Carbon disulfide	ND	ug/m3	1.1	1.68		12/06/16 16:22	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.1	1.68		12/06/16 16:22	56-23-5	
Chlorobenzene	ND	ug/m3	1.6	1.68		12/06/16 16:22	108-90-7	
Chloroethane	ND	ug/m3	0.91	1.68		12/06/16 16:22	75-00-3	
Chloroform	ND	ug/m3	0.83	1.68		12/06/16 16:22	67-66-3	
Chloromethane	ND	ug/m3	0.71	1.68		12/06/16 16:22	74-87-3	
Cyclohexane	**6.6**	ug/m3	1.2	1.68		12/06/16 16:22	110-82-7	
Dibromochloromethane	ND	ug/m3	2.9	1.68		12/06/16 16:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.6	1.68		12/06/16 16:22	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.0	1.68		12/06/16 16:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.0	1.68		12/06/16 16:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	2.0	1.68		12/06/16 16:22	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	4.2	1.68		12/06/16 16:22	75-71-8	
1,1-Dichloroethane	ND	ug/m3	3.5	1.68		12/06/16 16:22	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.69	1.68		12/06/16 16:22	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.4	1.68		12/06/16 16:22	75-35-4	
cis-1,2-Dichloroethene	**2.7**	ug/m3	1.4	1.68		12/06/16 16:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.4	1.68		12/06/16 16:22	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.6	1.68		12/06/16 16:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.5	1.68		12/06/16 16:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	3.9	1.68		12/06/16 16:22	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.4	1.68		12/06/16 16:22	76-14-2	
Ethanol	**33.1**	ug/m3	1.6	1.68		12/06/16 16:22	64-17-5	
Ethyl acetate	**644**	ug/m3	61.0	83.54		12/07/16 22:26	141-78-6	
Ethylbenzene	**11.9**	ug/m3	1.5	1.68		12/06/16 16:22	100-41-4	
4-Ethyltoluene	**16.2**	ug/m3	1.7	1.68		12/06/16 16:22	622-96-8	
n-Heptane	**37.1**	ug/m3	3.5	1.68		12/06/16 16:22	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.6	1.68		12/06/16 16:22	87-68-3	
n-Hexane	**83.6**	ug/m3	1.2	1.68		12/06/16 16:22	110-54-3	
2-Hexanone	ND	ug/m3	7.0	1.68		12/06/16 16:22	591-78-6	
Methylene Chloride	**329**	ug/m3	5.9	1.68		12/06/16 16:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	7.0	1.68		12/06/16 16:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	6.2	1.68		12/06/16 16:22	1634-04-4	
Naphthalene	**5.0**	ug/m3	4.5	1.68		12/06/16 16:22	91-20-3	
2-Propanol	**39.9**	ug/m3	4.2	1.68		12/06/16 16:22	67-63-0	
Propylene	ND	ug/m3	0.59	1.68		12/06/16 16:22	115-07-1	
Styrene	**11.0**	ug/m3	1.5	1.68		12/06/16 16:22	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.2	1.68		12/06/16 16:22	79-34-5	
Tetrachloroethene	**147**	ug/m3	1.2	1.68		12/06/16 16:22	127-18-4	
Tetrahydrofuran	**8.5**	ug/m3	1.0	1.68		12/06/16 16:22	109-99-9	
Toluene	**114**	ug/m3	1.3	1.68		12/06/16 16:22	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	6.3	1.68		12/06/16 16:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.9	1.68		12/06/16 16:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.92	1.68		12/06/16 16:22	79-00-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Sample: SVE#3 **Lab ID: 10371709003** Collected: 11/20/16 11:10 Received: 11/30/16 09:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Trichloroethene	**6.1**	ug/m3	0.92	1.68		12/06/16 16:22	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.9	1.68		12/06/16 16:22	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.7	1.68		12/06/16 16:22	76-13-1	
1,2,4-Trimethylbenzene	**44.4**	ug/m3	1.7	1.68		12/06/16 16:22	95-63-6	
1,3,5-Trimethylbenzene	**14.0**	ug/m3	1.7	1.68		12/06/16 16:22	108-67-8	
Vinyl acetate	**16.3**	ug/m3	1.2	1.68		12/06/16 16:22	108-05-4	
Vinyl chloride	ND	ug/m3	0.44	1.68		12/06/16 16:22	75-01-4	
m&p-Xylene	**50.9**	ug/m3	3.0	1.68		12/06/16 16:22	179601-23-1	
o-Xylene	**19.0**	ug/m3	1.5	1.68		12/06/16 16:22	95-47-6	

Sample: Effluent **Lab ID: 10371709004** Collected: 11/20/16 10:00 Received: 11/30/16 09:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**116**	ug/m3	4.9	2.02		12/06/16 16:56	67-64-1	
Benzene	**3.2**	ug/m3	0.66	2.02		12/06/16 16:56	71-43-2	
Benzyl chloride	ND	ug/m3	5.3	2.02		12/06/16 16:56	100-44-7	
Bromodichloromethane	ND	ug/m3	2.7	2.02		12/06/16 16:56	75-27-4	
Bromoform	ND	ug/m3	10.6	2.02		12/06/16 16:56	75-25-2	
Bromomethane	ND	ug/m3	1.6	2.02		12/06/16 16:56	74-83-9	
1,3-Butadiene	ND	ug/m3	0.91	2.02		12/06/16 16:56	106-99-0	
2-Butanone (MEK)	ND	ug/m3	6.1	2.02		12/06/16 16:56	78-93-3	
Carbon disulfide	**2.3**	ug/m3	1.3	2.02		12/06/16 16:56	75-15-0	
Carbon tetrachloride	ND	ug/m3	1.3	2.02		12/06/16 16:56	56-23-5	
Chlorobenzene	ND	ug/m3	1.9	2.02		12/06/16 16:56	108-90-7	
Chloroethane	ND	ug/m3	1.1	2.02		12/06/16 16:56	75-00-3	
Chloroform	ND	ug/m3	1.0	2.02		12/06/16 16:56	67-66-3	
Chloromethane	ND	ug/m3	0.85	2.02		12/06/16 16:56	74-87-3	
Cyclohexane	**4.4**	ug/m3	1.4	2.02		12/06/16 16:56	110-82-7	
Dibromochloromethane	ND	ug/m3	3.5	2.02		12/06/16 16:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	3.2	2.02		12/06/16 16:56	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	2.5	2.02		12/06/16 16:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	2.5	2.02		12/06/16 16:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	2.5	2.02		12/06/16 16:56	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	5.1	2.02		12/06/16 16:56	75-71-8	
1,1-Dichloroethane	ND	ug/m3	4.2	2.02		12/06/16 16:56	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.83	2.02		12/06/16 16:56	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.6	2.02		12/06/16 16:56	75-35-4	
cis-1,2-Dichloroethene	**2.6**	ug/m3	1.6	2.02		12/06/16 16:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.6	2.02		12/06/16 16:56	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.9	2.02		12/06/16 16:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.9	2.02		12/06/16 16:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	4.7	2.02		12/06/16 16:56	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.9	2.02		12/06/16 16:56	76-14-2	
Ethanol	**15.8**	ug/m3	1.9	2.02		12/06/16 16:56	64-17-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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ANALYTICAL RESULTS

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Sample: Effluent **Lab ID: 10371709004** Collected: 11/20/16 10:00 Received: 11/30/16 09:50 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Ethyl acetate	**37.7**	ug/m3	1.5	2.02		12/06/16 16:56	141-78-6	
Ethylbenzene	**45.8**	ug/m3	1.8	2.02		12/06/16 16:56	100-41-4	
4-Ethyltoluene	**24.2**	ug/m3	2.0	2.02		12/06/16 16:56	622-96-8	
n-Heptane	**6.6**	ug/m3	4.2	2.02		12/06/16 16:56	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	4.4	2.02		12/06/16 16:56	87-68-3	
n-Hexane	**20.2**	ug/m3	1.5	2.02		12/06/16 16:56	110-54-3	
2-Hexanone	ND	ug/m3	8.4	2.02		12/06/16 16:56	591-78-6	
Methylene Chloride	**153**	ug/m3	7.1	2.02		12/06/16 16:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	8.4	2.02		12/06/16 16:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	7.4	2.02		12/06/16 16:56	1634-04-4	
Naphthalene	**12.9**	ug/m3	5.4	2.02		12/06/16 16:56	91-20-3	
2-Propanol	ND	ug/m3	5.0	2.02		12/06/16 16:56	67-63-0	
Propylene	ND	ug/m3	0.71	2.02		12/06/16 16:56	115-07-1	
Styrene	**5.2**	ug/m3	1.8	2.02		12/06/16 16:56	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.4	2.02		12/06/16 16:56	79-34-5	
Tetrachloroethene	**146**	ug/m3	1.4	2.02		12/06/16 16:56	127-18-4	
Tetrahydrofuran	ND	ug/m3	1.2	2.02		12/06/16 16:56	109-99-9	
Toluene	**122**	ug/m3	1.6	2.02		12/06/16 16:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	7.6	2.02		12/06/16 16:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	2.2	2.02		12/06/16 16:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.1	2.02		12/06/16 16:56	79-00-5	
Trichloroethene	**6.5**	ug/m3	1.1	2.02		12/06/16 16:56	79-01-6	
Trichlorofluoromethane	ND	ug/m3	2.3	2.02		12/06/16 16:56	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	3.2	2.02		12/06/16 16:56	76-13-1	
1,2,4-Trimethylbenzene	**72.4**	ug/m3	2.0	2.02		12/06/16 16:56	95-63-6	
1,3,5-Trimethylbenzene	**25.2**	ug/m3	2.0	2.02		12/06/16 16:56	108-67-8	
Vinyl acetate	ND	ug/m3	1.4	2.02		12/06/16 16:56	108-05-4	
Vinyl chloride	ND	ug/m3	0.53	2.02		12/06/16 16:56	75-01-4	
m&p-Xylene	**199**	ug/m3	3.6	2.02		12/06/16 16:56	179601-23-1	
o-Xylene	**72.1**	ug/m3	1.8	2.02		12/06/16 16:56	95-47-6	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

QC Batch: 450480 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10371709001, 10371709002, 10371709003, 10371709004

METHOD BLANK: 2466592 Matrix: Air
Associated Lab Samples: 10371709001, 10371709002, 10371709003, 10371709004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	12/06/16 09:55	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	12/06/16 09:55	
1,1,2-Trichloroethane	ug/m3	ND	0.55	12/06/16 09:55	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	12/06/16 09:55	
1,1-Dichloroethane	ug/m3	ND	2.1	12/06/16 09:55	
1,1-Dichloroethene	ug/m3	ND	0.81	12/06/16 09:55	
1,2,4-Trichlorobenzene	ug/m3	ND	3.8	12/06/16 09:55	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	12/06/16 09:55	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.6	12/06/16 09:55	
1,2-Dichlorobenzene	ug/m3	ND	1.2	12/06/16 09:55	
1,2-Dichloroethane	ug/m3	ND	0.41	12/06/16 09:55	
1,2-Dichloropropane	ug/m3	ND	0.94	12/06/16 09:55	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	12/06/16 09:55	
1,3-Butadiene	ug/m3	ND	0.45	12/06/16 09:55	
1,3-Dichlorobenzene	ug/m3	ND	1.2	12/06/16 09:55	
1,4-Dichlorobenzene	ug/m3	ND	1.2	12/06/16 09:55	
2-Butanone (MEK)	ug/m3	ND	3.0	12/06/16 09:55	
2-Hexanone	ug/m3	ND	4.2	12/06/16 09:55	
2-Propanol	ug/m3	ND	2.5	12/06/16 09:55	
4-Ethyltoluene	ug/m3	ND	1.0	12/06/16 09:55	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	4.2	12/06/16 09:55	
Acetone	ug/m3	ND	2.4	12/06/16 09:55	
Benzene	ug/m3	ND	0.32	12/06/16 09:55	
Benzyl chloride	ug/m3	ND	2.6	12/06/16 09:55	
Bromodichloromethane	ug/m3	ND	1.4	12/06/16 09:55	
Bromoform	ug/m3	ND	5.3	12/06/16 09:55	
Bromomethane	ug/m3	ND	0.79	12/06/16 09:55	
Carbon disulfide	ug/m3	ND	0.63	12/06/16 09:55	
Carbon tetrachloride	ug/m3	ND	0.64	12/06/16 09:55	
Chlorobenzene	ug/m3	ND	0.94	12/06/16 09:55	
Chloroethane	ug/m3	ND	0.54	12/06/16 09:55	
Chloroform	ug/m3	ND	0.50	12/06/16 09:55	
Chloromethane	ug/m3	ND	0.42	12/06/16 09:55	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	12/06/16 09:55	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	12/06/16 09:55	
Cyclohexane	ug/m3	ND	0.70	12/06/16 09:55	
Dibromochloromethane	ug/m3	ND	1.7	12/06/16 09:55	
Dichlorodifluoromethane	ug/m3	ND	2.5	12/06/16 09:55	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	12/06/16 09:55	
Ethanol	ug/m3	ND	0.96	12/06/16 09:55	
Ethyl acetate	ug/m3	ND	0.73	12/06/16 09:55	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

METHOD BLANK: 2466592 Matrix: Air
Associated Lab Samples: 10371709001, 10371709002, 10371709003, 10371709004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/m3	ND	0.88	12/06/16 09:55	
Hexachloro-1,3-butadiene	ug/m3	ND	2.2	12/06/16 09:55	
m&p-Xylene	ug/m3	ND	1.8	12/06/16 09:55	
Methyl-tert-butyl ether	ug/m3	ND	3.7	12/06/16 09:55	
Methylene Chloride	ug/m3	ND	3.5	12/06/16 09:55	
n-Heptane	ug/m3	ND	2.1	12/06/16 09:55	
n-Hexane	ug/m3	ND	0.72	12/06/16 09:55	
Naphthalene	ug/m3	ND	2.7	12/06/16 09:55	
o-Xylene	ug/m3	ND	0.88	12/06/16 09:55	
Propylene	ug/m3	ND	0.35	12/06/16 09:55	
Styrene	ug/m3	ND	0.87	12/06/16 09:55	
Tetrachloroethene	ug/m3	ND	0.69	12/06/16 09:55	
Tetrahydrofuran	ug/m3	ND	0.60	12/06/16 09:55	
Toluene	ug/m3	ND	0.77	12/06/16 09:55	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	12/06/16 09:55	
trans-1,3-Dichloropropene	ug/m3	ND	2.3	12/06/16 09:55	
Trichloroethene	ug/m3	ND	0.55	12/06/16 09:55	
Trichlorofluoromethane	ug/m3	ND	1.1	12/06/16 09:55	
Vinyl acetate	ug/m3	ND	0.72	12/06/16 09:55	
Vinyl chloride	ug/m3	ND	0.26	12/06/16 09:55	

LABORATORY CONTROL SAMPLE: 2466593

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	63.7	115	60-143	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	74.1	106	49-150	
1,1,2-Trichloroethane	ug/m3	55.5	59.9	108	57-149	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	77.7	100	66-131	
1,1-Dichloroethane	ug/m3	41.1	45.1	110	62-139	
1,1-Dichloroethene	ug/m3	40.3	43.4	108	62-135	
1,2,4-Trichlorobenzene	ug/m3	75.4	83.2	110	55-146	
1,2,4-Trimethylbenzene	ug/m3	50	54.8	110	57-143	
1,2-Dibromoethane (EDB)	ug/m3	78.1	85.8	110	63-150	
1,2-Dichlorobenzene	ug/m3	61.1	67.4	110	57-141	
1,2-Dichloroethane	ug/m3	41.1	44.3	108	61-144	
1,2-Dichloropropane	ug/m3	47	53.1	113	63-144	
1,3,5-Trimethylbenzene	ug/m3	50	55.5	111	54-147	
1,3-Butadiene	ug/m3	22.5	23.4	104	61-140	
1,3-Dichlorobenzene	ug/m3	61.1	67.2	110	51-150	
1,4-Dichlorobenzene	ug/m3	61.1	65.5	107	57-143	
2-Butanone (MEK)	ug/m3	30	32.7	109	66-144	
2-Hexanone	ug/m3	104	128	123	63-147	
2-Propanol	ug/m3	125	136	109	54-146	
4-Ethyltoluene	ug/m3	50	60.4	121	56-150	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

LABORATORY CONTROL SAMPLE: 2466593

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Methyl-2-pentanone (MIBK)	ug/m3	104	121	116	58-150	
Acetone	ug/m3	121	133	110	46-140	
Benzene	ug/m3	32.5	33.8	104	62-141	
Benzyl chloride	ug/m3	52.6	54.4	103	66-138	
Bromodichloromethane	ug/m3	68.1	83.6	123	58-149	
Bromoform	ug/m3	105	110	104	61-150	
Bromomethane	ug/m3	39.5	40.2	102	58-136	
Carbon disulfide	ug/m3	31.6	34.2	108	59-135	
Carbon tetrachloride	ug/m3	64	75.7	118	60-149	
Chlorobenzene	ug/m3	46.8	50.5	108	60-150	
Chloroethane	ug/m3	26.8	26.9	100	61-136	
Chloroform	ug/m3	49.6	53.1	107	65-138	
Chloromethane	ug/m3	21	22.0	105	62-133	
cis-1,2-Dichloroethene	ug/m3	40.3	44.1	109	65-139	
cis-1,3-Dichloropropene	ug/m3	46.1	51.3	111	61-149	
Cyclohexane	ug/m3	35	37.8	108	64-134	
Dibromochloromethane	ug/m3	86.6	92.2	107	59-150	
Dichlorodifluoromethane	ug/m3	50.3	60.6	121	63-134	
Dichlorotetrafluoroethane	ug/m3	71	71.9	101	62-134	
Ethanol	ug/m3	91.6	97.5	106	50-144	
Ethyl acetate	ug/m3	36.6	40.3	110	55-146	
Ethylbenzene	ug/m3	44.1	48.2	109	59-149	
Hexachloro-1,3-butadiene	ug/m3	108	118	109	42-150	
m&p-Xylene	ug/m3	88.3	94.1	107	59-146	
Methyl-tert-butyl ether	ug/m3	91.6	99.6	109	64-135	
Methylene Chloride	ug/m3	177	172	97	64-128	
n-Heptane	ug/m3	41.6	48.8	117	64-140	
n-Hexane	ug/m3	35.8	41.0	114	50-138	
Naphthalene	ug/m3	53.3	57.3	108	46-146	
o-Xylene	ug/m3	44.1	47.2	107	54-149	
Propylene	ug/m3	17.5	19.9	114	58-135	
Styrene	ug/m3	43.3	51.9	120	54-150	
Tetrachloroethene	ug/m3	68.9	70.7	103	60-142	
Tetrahydrofuran	ug/m3	30	33.5	112	56-143	
Toluene	ug/m3	38.3	41.1	107	61-138	
trans-1,2-Dichloroethene	ug/m3	40.3	42.5	105	67-137	
trans-1,3-Dichloropropene	ug/m3	46.1	50.1	109	59-145	
Trichloroethene	ug/m3	54.6	59.1	108	60-144	
Trichlorofluoromethane	ug/m3	57.1	58.8	103	59-134	
Vinyl acetate	ug/m3	35.8	41.4	116	55-143	
Vinyl chloride	ug/m3	26	26.8	103	63-135	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

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 adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

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.

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Former Dambrose Cleaners
Pace Project No.: 10371709

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10371709001	**SVE#1**	TO-15	450480		
10371709002	**SVE#2**	TO-15	450480		
10371709003	**SVE#3**	TO-15	450480		
10371709004	**Effluent**	TO-15	450480		

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

10371709

Page: 1 of 1

2108195

Section A Required Client Information:

Company: Precision Environmental Services
Address: 831 Route 67, Lot 38B
Ballston Spa, NY 12020
Email To: SPhelps@precisionenvironmentalny.com
Phone: 518-885-4399 Fax: 518-885-4416
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Steve Phelps
Copy To: Kati Liloia
Kliloia@precisionenvironmentalny.com
Purchase Order No.:
Project Name: Former Dumbrose Cleaners
Project Number:

Section C Invoice Information:

Attention: Same as Client
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 36302

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NY

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	TO-15	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SVE #1	AR	G			11/21/16	10:20		2	X									X		001
2	SVE #2	↓	↓			↓	10:40		↓	↓									↓		002
3	SVE #3	↓	↓			↓	11:10		↓	↓									↓		003
4	Effluent	↓	↓			↓	10:20		↓	↓									↓		004
5	SSDS	↓	↓			↓	11:30		↓	↓									↓		005
6																					
7																					
8																					
9																					
10																					
11																					
12																					

NOTHING FOLLOWS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	PES	11/29/16	11:50	(PACE)	11/29/16	11:50	20.8 (C.R)	N	N	Y
	(PACE) VIA FED EX	11/29/16	16:30	Pace	11/30/16	0950	Amb	N	N	y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Patrick Sokolowski
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/29/16

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 26APR2016 Page 1 of 1
	Document No.: F-MN-A-106-rev.11	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Pace NY

Project #: WO# : 10371709

10371709

Courier: [X] Fed Ex [ ] UPS [ ] Speedee [ ] Client [ ] Commercial [ ] Pace [ ] Other:

Tracking Number: 7145 4771 2776

Custody Seal on Cooler/Box Present? [ ] Yes [X] No **Seals Intact?** [ ] Yes [X] No

Optional: Proj. Due Date: Proj. Name:

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

Temp. (TO17 and TO13 samples only) (°C): \ **Corrected Temp (°C):** \ **Thermom. Used:** [ ] B88A912167504 [ ] B88A0143310098 [ ] 151401163 [ ] 151401164

Temp should be above freezing to 6°C **Correction Factor:** \ **Date & Initials of Person Examining Contents:** 12/1/2016

Type of ice Received [ ] Blue [ ] Wet [X] None

				Comments:
Chain of Custody Present?	[X] Yes	[ ] No	[ ] N/A	1.
Chain of Custody Filled Out?	[X] Yes	[ ] No	[ ] N/A	2.
Chain of Custody Relinquished?	[X] Yes	[ ] No	[ ] N/A	3.
Sampler Name and/or Signature on COC?	[X] Yes	[ ] No	[ ] N/A	4.
Samples Arrived within Hold Time?	[X] Yes	[ ] No	[ ] N/A	5.
Short Hold Time Analysis (<72 hr)?	[X] Yes	[X] No	[ ] N/A	6. T-BAG
Rush Turn Around Time Requested?	[ ] Yes	[X] No	[ ] N/A	7.
Sufficient Volume?	[X] Yes	[ ] No	[ ] N/A	8.
Correct Containers Used?	[X] Yes	[ ] No	[ ] N/A	9.
-Pace Containers Used?	[X] Yes	[ ] No	[ ] N/A	
Containers Intact?	[X] Yes	[X] No	[ ] N/A	10. 1 bag for SVE#2 + #3 broken
Media: Air Can Airbag Filter TDT Passive				11. 2 bags for SSDS broken
Sample Labels Match COC?	[X] Yes	[ ] No	[ ] N/A	12.

Samples Received:

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** [ ] Yes [ ] No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Nathan Boberg **Date:** 12/1/16

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
Tel: (865)291-3000

TestAmerica Job ID: 140-7478-1
Client Project/Site: Dambrose Cleaners #447030

For:
New York State D.E.C.
625 Broadway
11th Floor
Albany, New York 12233-3256

Attn: Larry Alden

Diana Lange

Authorized for release by:
3/22/2017 4:48:16 PM
Diana Lange, Project Management Assistant II
diane.lange@testamericainc.com

Designee for

Jamie McKinney, Senior Project Manager
(865)291-3000
jamie.mckinney@testamericainc.com

Table of Contents

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Job ID: 140-7478-1

Laboratory: TestAmerica Knoxville

Narrative

Job Narrative
140-7478-1

Comments
No additional comments.

Receipt
The sample was received on 3/14/2017 9:45 AM; the sample arrived in good condition, properly preserved and, where required, on ice.

Receipt Exceptions

The following sample was received in air sample bags: SSDS (140-7478-1) . EPA Methods TO-14A and TO-15 describe the use of canisters for sampling and analysis, therefore, the use of air sample bags constitutes a modification to the method.

Air - GC/MS VOA
Method(s) TO 15 LL, TO-14A, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified “zero air” as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of “zero air” by TestAmerica Knoxville.

Method(s) Air Transfer: The following sample was received in air sample bags: SSDS (140-7478-1). In order to extend the holding times, these samples were transferred from the air sample bags into Summa canisters.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Client Sample ID: SSDS

Lab Sample ID: 140-7478-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	6.2		4.0		ppb v/v	22.18		TO-15	Total/NA
Tetrachloroethene	71		4.0		ppb v/v	22.18		TO-15	Total/NA
Toluene	7.7		4.0		ppb v/v	22.18		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m-Xylene & p-Xylene	27		17		ug/m3	22.18		TO-15	Total/NA
Tetrachloroethene	480		27		ug/m3	22.18		TO-15	Total/NA
Toluene	29		15		ug/m3	22.18		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Client Sample ID: SSDS
Date Collected: 03/13/17 13:30
Date Received: 03/14/17 09:45
Sample Container: Tedlar Bag 1L

Lab Sample ID: 140-7478-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,1,2,2-Tetrachloroethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,1,2-Trichloroethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,1-Dichloroethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,1-Dichloroethene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,2,4-Trichlorobenzene	ND		20		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,2,4-Trimethylbenzene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dibromoethane (EDB)	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dichlorobenzene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dichloroethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dichloropropane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,3,5-Trimethylbenzene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,3-Dichlorobenzene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,4-Dichlorobenzene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
1,4-Dioxane	ND		10		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
2,2,4-Trimethylpentane	ND		10		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
2-Butanone (MEK)	ND		20		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
4-Methyl-2-pentanone (MIBK)	ND		10		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Benzyl chloride	ND		8.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Benzene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Bromodichloromethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Bromoform	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Bromomethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Carbon tetrachloride	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Chlorobenzene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Chloroethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Chloroform	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Chloromethane	ND		10		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
cis-1,2-Dichloroethene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
cis-1,3-Dichloropropene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Cyclohexane	ND		10		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Dibromochloromethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Dichlorodifluoromethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Ethanol	ND		100		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Ethylbenzene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Hexachlorobutadiene	ND		20		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Hexane	ND		10		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
m-Xylene & p-Xylene	**6.2**		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Methylene Chloride	ND		10		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Methyl tert-butyl ether	ND		20		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
o-Xylene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Styrene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Tetrachloroethene	**71**		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Toluene	**7.7**		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
trans-1,2-Dichloroethene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
trans-1,3-Dichloropropene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Client Sample ID: SSDS
Date Collected: 03/13/17 13:30
Date Received: 03/14/17 09:45
Sample Container: Tedlar Bag 1L

Lab Sample ID: 140-7478-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Trichlorofluoromethane	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
Vinyl chloride	ND		4.0		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18
tert-Butyl alcohol	ND		40		ppb v/v		03/15/17 09:50	03/17/17 23:47	22.18

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,1,2,2-Tetrachloroethane	ND		27		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,1,2-Trichloroethane	ND		22		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		31		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,1-Dichloroethane	ND		16		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,1-Dichloroethene	ND		16		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,2,4-Trichlorobenzene	ND		150		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,2,4-Trimethylbenzene	ND		20		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dibromoethane (EDB)	ND		31		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dichlorobenzene	ND		24		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dichloroethane	ND		16		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dichloropropane	ND		18		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		28		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,3,5-Trimethylbenzene	ND		20		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,3-Dichlorobenzene	ND		24		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,4-Dichlorobenzene	ND		24		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
1,4-Dioxane	ND		36		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
2,2,4-Trimethylpentane	ND		47		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
2-Butanone (MEK)	ND		59		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
4-Methyl-2-pentanone (MIBK)	ND		41		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Benzyl chloride	ND		41		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Benzene	ND		13		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Bromodichloromethane	ND		27		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Bromoform	ND		41		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Bromomethane	ND		16		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Carbon tetrachloride	ND		25		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Chlorobenzene	ND		18		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Chloroethane	ND		11		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Chloroform	ND		20		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Chloromethane	ND		21		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
cis-1,2-Dichloroethene	ND		16		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
cis-1,3-Dichloropropene	ND		18		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Cyclohexane	ND		34		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Dibromochloromethane	ND		34		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Dichlorodifluoromethane	ND		20		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Ethanol	ND		190		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Ethylbenzene	ND		17		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Hexachlorobutadiene	ND		210		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Hexane	ND		35		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
m-Xylene & p-Xylene	**27**		17		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Methylene Chloride	ND		35		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Methyl tert-butyl ether	ND		72		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
o-Xylene	ND		17		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Client Sample ID: SSDS
Date Collected: 03/13/17 13:30
Date Received: 03/14/17 09:45
Sample Container: Tedlar Bag 1L

Lab Sample ID: 140-7478-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		17		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Tetrachloroethene	**480**		27		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Toluene	**29**		15		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
trans-1,2-Dichloroethene	ND		16		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
trans-1,3-Dichloropropene	ND		18		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Trichloroethene	ND		21		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Trichlorofluoromethane	ND		22		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
Vinyl chloride	ND		10		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18
tert-Butyl alcohol	ND		120		ug/m3		03/15/17 09:50	03/17/17 23:47	22.18

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 140*	*03/15/17 09:50*	*03/17/17 23:47*	*22.18*

Default Detection Limits

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Prep: Air Transfer

Analyte	RL	MDL	Units	Method
1,1,1-Trichloroethane	0.20	0.030	ppb v/v	TO-15
1,1,1-Trichloroethane	1.1	0.16	ug/m3	TO-15
1,1,2,2-Tetrachloroethane	0.20	0.061	ppb v/v	TO-15
1,1,2,2-Tetrachloroethane	1.4	0.42	ug/m3	TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	0.031	ppb v/v	TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	0.24	ug/m3	TO-15
1,1,2-Trichloroethane	0.20	0.054	ppb v/v	TO-15
1,1,2-Trichloroethane	1.1	0.29	ug/m3	TO-15
1,1-Dichloroethane	0.20	0.026	ppb v/v	TO-15
1,1-Dichloroethane	0.81	0.11	ug/m3	TO-15
1,1-Dichloroethene	0.20	0.034	ppb v/v	TO-15
1,1-Dichloroethene	0.79	0.13	ug/m3	TO-15
1,2,4-Trichlorobenzene	1.0	0.098	ppb v/v	TO-15
1,2,4-Trichlorobenzene	7.4	0.73	ug/m3	TO-15
1,2,4-Trimethylbenzene	0.20	0.063	ppb v/v	TO-15
1,2,4-Trimethylbenzene	0.98	0.31	ug/m3	TO-15
1,2-Dibromoethane (EDB)	0.20	0.044	ppb v/v	TO-15
1,2-Dibromoethane (EDB)	1.5	0.34	ug/m3	TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	0.20	0.032	ppb v/v	TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.4	0.22	ug/m3	TO-15
1,2-Dichlorobenzene	0.20	0.070	ppb v/v	TO-15
1,2-Dichlorobenzene	1.2	0.42	ug/m3	TO-15
1,2-Dichloroethane	0.20	0.047	ppb v/v	TO-15
1,2-Dichloroethane	0.81	0.19	ug/m3	TO-15
1,2-Dichloropropane	0.20	0.052	ppb v/v	TO-15
1,2-Dichloropropane	0.92	0.24	ug/m3	TO-15
1,3,5-Trimethylbenzene	0.20	0.065	ppb v/v	TO-15
1,3,5-Trimethylbenzene	0.98	0.32	ug/m3	TO-15
1,3-Dichlorobenzene	0.20	0.065	ppb v/v	TO-15
1,3-Dichlorobenzene	1.2	0.39	ug/m3	TO-15
1,4-Dichlorobenzene	0.20	0.064	ppb v/v	TO-15
1,4-Dichlorobenzene	1.2	0.38	ug/m3	TO-15
1,4-Dioxane	0.50	0.080	ppb v/v	TO-15
1,4-Dioxane	1.8	0.29	ug/m3	TO-15
2,2,4-Trimethylpentane	0.50	0.039	ppb v/v	TO-15
2,2,4-Trimethylpentane	2.3	0.18	ug/m3	TO-15
2-Butanone (MEK)	1.0	0.20	ppb v/v	TO-15
2-Butanone (MEK)	2.9	0.59	ug/m3	TO-15
4-Methyl-2-pentanone (MIBK)	0.50	0.045	ppb v/v	TO-15
4-Methyl-2-pentanone (MIBK)	2.0	0.18	ug/m3	TO-15
Benzene	0.20	0.056	ppb v/v	TO-15
Benzene	0.64	0.18	ug/m3	TO-15
Benzyl chloride	0.40	0.078	ppb v/v	TO-15
Benzyl chloride	2.1	0.40	ug/m3	TO-15
Bromodichloromethane	0.20	0.044	ppb v/v	TO-15
Bromodichloromethane	1.3	0.29	ug/m3	TO-15
Bromoform	0.20	0.048	ppb v/v	TO-15
Bromoform	2.1	0.50	ug/m3	TO-15
Bromomethane	0.20	0.032	ppb v/v	TO-15
Bromomethane	0.78	0.12	ug/m3	TO-15
Carbon tetrachloride	0.20	0.038	ppb v/v	TO-15

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Prep: Air Transfer

Analyte	RL	MDL	Units	Method
Carbon tetrachloride	1.3	0.24	ug/m3	TO-15
Chlorobenzene	0.20	0.049	ppb v/v	TO-15
Chlorobenzene	0.92	0.23	ug/m3	TO-15
Chloroethane	0.20	0.035	ppb v/v	TO-15
Chloroethane	0.53	0.092	ug/m3	TO-15
Chloroform	0.20	0.038	ppb v/v	TO-15
Chloroform	0.98	0.19	ug/m3	TO-15
Chloromethane	0.50	0.16	ppb v/v	TO-15
Chloromethane	1.0	0.33	ug/m3	TO-15
cis-1,2-Dichloroethene	0.20	0.060	ppb v/v	TO-15
cis-1,2-Dichloroethene	0.79	0.24	ug/m3	TO-15
cis-1,3-Dichloropropene	0.20	0.074	ppb v/v	TO-15
cis-1,3-Dichloropropene	0.91	0.34	ug/m3	TO-15
Cyclohexane	0.50	0.040	ppb v/v	TO-15
Cyclohexane	1.7	0.14	ug/m3	TO-15
Dibromochloromethane	0.20	0.042	ppb v/v	TO-15
Dibromochloromethane	1.7	0.36	ug/m3	TO-15
Dichlorodifluoromethane	0.20	0.068	ppb v/v	TO-15
Dichlorodifluoromethane	0.99	0.34	ug/m3	TO-15
Ethanol	5.0	1.6	ppb v/v	TO-15
Ethanol	9.4	3.0	ug/m3	TO-15
Ethylbenzene	0.20	0.068	ppb v/v	TO-15
Ethylbenzene	0.87	0.30	ug/m3	TO-15
Hexachlorobutadiene	1.0	0.078	ppb v/v	TO-15
Hexachlorobutadiene	11	0.83	ug/m3	TO-15
Hexane	0.50	0.032	ppb v/v	TO-15
Hexane	1.8	0.11	ug/m3	TO-15
Methyl tert-butyl ether	1.0	0.17	ppb v/v	TO-15
Methyl tert-butyl ether	3.6	0.61	ug/m3	TO-15
Methylene Chloride	0.50	0.13	ppb v/v	TO-15
Methylene Chloride	1.7	0.45	ug/m3	TO-15
m-Xylene & p-Xylene	0.20	0.12	ppb v/v	TO-15
m-Xylene & p-Xylene	0.87	0.52	ug/m3	TO-15
o-Xylene	0.20	0.061	ppb v/v	TO-15
o-Xylene	0.87	0.26	ug/m3	TO-15
Styrene	0.20	0.058	ppb v/v	TO-15
Styrene	0.85	0.25	ug/m3	TO-15
tert-Butyl alcohol	2.0	0.038	ppb v/v	TO-15
tert-Butyl alcohol	6.1	0.12	ug/m3	TO-15
Tetrachloroethene	0.20	0.040	ppb v/v	TO-15
Tetrachloroethene	1.4	0.27	ug/m3	TO-15
Toluene	0.20	0.12	ppb v/v	TO-15
Toluene	0.75	0.45	ug/m3	TO-15
trans-1,2-Dichloroethene	0.20	0.050	ppb v/v	TO-15
trans-1,2-Dichloroethene	0.79	0.20	ug/m3	TO-15
trans-1,3-Dichloropropene	0.20	0.048	ppb v/v	TO-15
trans-1,3-Dichloropropene	0.91	0.22	ug/m3	TO-15
Trichloroethene	0.20	0.036	ppb v/v	TO-15
Trichloroethene	1.1	0.19	ug/m3	TO-15
Trichlorofluoromethane	0.20	0.024	ppb v/v	TO-15
Trichlorofluoromethane	1.1	0.13	ug/m3	TO-15

Default Detection Limits

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Prep: Air Transfer

Analyte	RL	MDL	Units	Method
Vinyl chloride	0.20	0.071	ppb v/v	TO-15
Vinyl chloride	0.51	0.18	ug/m3	TO-15

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		BFB								
Lab Sample ID	Client Sample ID	(60-140)								
140-7478-1	SSDS	96								
LCS 140-9484/1002	Lab Control Sample	104								
MB 140-9484/6	Method Blank	99								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 140-9484/6
Matrix: Air
Analysis Batch: 9484

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20		ppb v/v			03/17/17 13:25	1
1,1,2,2-Tetrachloroethane	ND		0.20		ppb v/v			03/17/17 13:25	1
1,1,2-Trichloroethane	ND		0.20		ppb v/v			03/17/17 13:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.20		ppb v/v			03/17/17 13:25	1
1,1-Dichloroethane	ND		0.20		ppb v/v			03/17/17 13:25	1
1,1-Dichloroethene	ND		0.20		ppb v/v			03/17/17 13:25	1
1,2,4-Trichlorobenzene	ND		1.0		ppb v/v			03/17/17 13:25	1
1,2,4-Trimethylbenzene	ND		0.20		ppb v/v			03/17/17 13:25	1
1,2-Dibromoethane (EDB)	ND		0.20		ppb v/v			03/17/17 13:25	1
1,2-Dichlorobenzene	ND		0.20		ppb v/v			03/17/17 13:25	1
1,2-Dichloroethane	ND		0.20		ppb v/v			03/17/17 13:25	1
1,2-Dichloropropane	ND		0.20		ppb v/v			03/17/17 13:25	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.20		ppb v/v			03/17/17 13:25	1
1,3,5-Trimethylbenzene	ND		0.20		ppb v/v			03/17/17 13:25	1
1,3-Dichlorobenzene	ND		0.20		ppb v/v			03/17/17 13:25	1
1,4-Dichlorobenzene	ND		0.20		ppb v/v			03/17/17 13:25	1
1,4-Dioxane	ND		0.50		ppb v/v			03/17/17 13:25	1
2,2,4-Trimethylpentane	ND		0.50		ppb v/v			03/17/17 13:25	1
2-Butanone (MEK)	ND		1.0		ppb v/v			03/17/17 13:25	1
4-Methyl-2-pentanone (MIBK)	ND		0.50		ppb v/v			03/17/17 13:25	1
Benzyl chloride	ND		0.40		ppb v/v			03/17/17 13:25	1
Benzene	ND		0.20		ppb v/v			03/17/17 13:25	1
Bromodichloromethane	ND		0.20		ppb v/v			03/17/17 13:25	1
Bromoform	ND		0.20		ppb v/v			03/17/17 13:25	1
Bromomethane	ND		0.20		ppb v/v			03/17/17 13:25	1
Carbon tetrachloride	ND		0.20		ppb v/v			03/17/17 13:25	1
Chlorobenzene	ND		0.20		ppb v/v			03/17/17 13:25	1
Chloroethane	ND		0.20		ppb v/v			03/17/17 13:25	1
Chloroform	ND		0.20		ppb v/v			03/17/17 13:25	1
Chloromethane	ND		0.50		ppb v/v			03/17/17 13:25	1
cis-1,2-Dichloroethene	ND		0.20		ppb v/v			03/17/17 13:25	1
cis-1,3-Dichloropropene	ND		0.20		ppb v/v			03/17/17 13:25	1
Cyclohexane	ND		0.50		ppb v/v			03/17/17 13:25	1
Dibromochloromethane	ND		0.20		ppb v/v			03/17/17 13:25	1
Dichlorodifluoromethane	ND		0.20		ppb v/v			03/17/17 13:25	1
Ethanol	ND		5.0		ppb v/v			03/17/17 13:25	1
Ethylbenzene	ND		0.20		ppb v/v			03/17/17 13:25	1
Hexachlorobutadiene	ND		1.0		ppb v/v			03/17/17 13:25	1
Hexane	ND		0.50		ppb v/v			03/17/17 13:25	1
m-Xylene & p-Xylene	ND		0.20		ppb v/v			03/17/17 13:25	1
Methylene Chloride	ND		0.50		ppb v/v			03/17/17 13:25	1
Methyl tert-butyl ether	ND		1.0		ppb v/v			03/17/17 13:25	1
o-Xylene	ND		0.20		ppb v/v			03/17/17 13:25	1
Styrene	ND		0.20		ppb v/v			03/17/17 13:25	1
Tetrachloroethene	ND		0.20		ppb v/v			03/17/17 13:25	1
Toluene	ND		0.20		ppb v/v			03/17/17 13:25	1
trans-1,2-Dichloroethene	ND		0.20		ppb v/v			03/17/17 13:25	1
trans-1,3-Dichloropropene	ND		0.20		ppb v/v			03/17/17 13:25	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 140-9484/6
Matrix: Air
Analysis Batch: 9484

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.20		ppb v/v			03/17/17 13:25	1
Trichlorofluoromethane	ND		0.20		ppb v/v			03/17/17 13:25	1
Vinyl chloride	ND		0.20		ppb v/v			03/17/17 13:25	1
tert-Butyl alcohol	ND		2.0		ppb v/v			03/17/17 13:25	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1		ug/m3			03/17/17 13:25	1
1,1,2,2-Tetrachloroethane	ND		1.4		ug/m3			03/17/17 13:25	1
1,1,2-Trichloroethane	ND		1.1		ug/m3			03/17/17 13:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5		ug/m3			03/17/17 13:25	1
1,1-Dichloroethane	ND		0.81		ug/m3			03/17/17 13:25	1
1,1-Dichloroethene	ND		0.79		ug/m3			03/17/17 13:25	1
1,2,4-Trichlorobenzene	ND		7.4		ug/m3			03/17/17 13:25	1
1,2,4-Trimethylbenzene	ND		0.98		ug/m3			03/17/17 13:25	1
1,2-Dibromoethane (EDB)	ND		1.5		ug/m3			03/17/17 13:25	1
1,2-Dichlorobenzene	ND		1.2		ug/m3			03/17/17 13:25	1
1,2-Dichloroethane	ND		0.81		ug/m3			03/17/17 13:25	1
1,2-Dichloropropane	ND		0.92		ug/m3			03/17/17 13:25	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		1.4		ug/m3			03/17/17 13:25	1
1,3,5-Trimethylbenzene	ND		0.98		ug/m3			03/17/17 13:25	1
1,3-Dichlorobenzene	ND		1.2		ug/m3			03/17/17 13:25	1
1,4-Dichlorobenzene	ND		1.2		ug/m3			03/17/17 13:25	1
1,4-Dioxane	ND		1.8		ug/m3			03/17/17 13:25	1
2,2,4-Trimethylpentane	ND		2.3		ug/m3			03/17/17 13:25	1
2-Butanone (MEK)	ND		2.9		ug/m3			03/17/17 13:25	1
4-Methyl-2-pentanone (MIBK)	ND		2.0		ug/m3			03/17/17 13:25	1
Benzyl chloride	ND		2.1		ug/m3			03/17/17 13:25	1
Benzene	ND		0.64		ug/m3			03/17/17 13:25	1
Bromodichloromethane	ND		1.3		ug/m3			03/17/17 13:25	1
Bromoform	ND		2.1		ug/m3			03/17/17 13:25	1
Bromomethane	ND		0.78		ug/m3			03/17/17 13:25	1
Carbon tetrachloride	ND		1.3		ug/m3			03/17/17 13:25	1
Chlorobenzene	ND		0.92		ug/m3			03/17/17 13:25	1
Chloroethane	ND		0.53		ug/m3			03/17/17 13:25	1
Chloroform	ND		0.98		ug/m3			03/17/17 13:25	1
Chloromethane	ND		1.0		ug/m3			03/17/17 13:25	1
cis-1,2-Dichloroethene	ND		0.79		ug/m3			03/17/17 13:25	1
cis-1,3-Dichloropropene	ND		0.91		ug/m3			03/17/17 13:25	1
Cyclohexane	ND		1.7		ug/m3			03/17/17 13:25	1
Dibromochloromethane	ND		1.7		ug/m3			03/17/17 13:25	1
Dichlorodifluoromethane	ND		0.99		ug/m3			03/17/17 13:25	1
Ethanol	ND		9.4		ug/m3			03/17/17 13:25	1
Ethylbenzene	ND		0.87		ug/m3			03/17/17 13:25	1
Hexachlorobutadiene	ND		11		ug/m3			03/17/17 13:25	1
Hexane	ND		1.8		ug/m3			03/17/17 13:25	1
m-Xylene & p-Xylene	ND		0.87		ug/m3			03/17/17 13:25	1
Methylene Chloride	ND		1.7		ug/m3			03/17/17 13:25	1
Methyl tert-butyl ether	ND		3.6		ug/m3			03/17/17 13:25	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 140-9484/6
Matrix: Air
Analysis Batch: 9484

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.87		ug/m3			03/17/17 13:25	1
Styrene	ND		0.85		ug/m3			03/17/17 13:25	1
Tetrachloroethene	ND		1.4		ug/m3			03/17/17 13:25	1
Toluene	ND		0.75		ug/m3			03/17/17 13:25	1
trans-1,2-Dichloroethene	ND		0.79		ug/m3			03/17/17 13:25	1
trans-1,3-Dichloropropene	ND		0.91		ug/m3			03/17/17 13:25	1
Trichloroethene	ND		1.1		ug/m3			03/17/17 13:25	1
Trichlorofluoromethane	ND		1.1		ug/m3			03/17/17 13:25	1
Vinyl chloride	ND		0.51		ug/m3			03/17/17 13:25	1
tert-Butyl alcohol	ND		6.1		ug/m3			03/17/17 13:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 140*		*03/17/17 13:25*	*1*

Lab Sample ID: LCS 140-9484/1002
Matrix: Air
Analysis Batch: 9484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2.00	2.25		ppb v/v		112	70 - 130
1,1,2,2-Tetrachloroethane	2.00	1.98		ppb v/v		99	70 - 130
1,1,2-Trichloroethane	2.00	2.00		ppb v/v		100	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	2.00	2.24		ppb v/v		112	70 - 130
1,1-Dichloroethane	2.00	2.15		ppb v/v		107	70 - 130
1,1-Dichloroethene	2.00	2.18		ppb v/v		109	70 - 130
1,2,4-Trichlorobenzene	2.00	1.95		ppb v/v		97	60 - 140
1,2,4-Trimethylbenzene	2.00	1.96		ppb v/v		98	70 - 130
1,2-Dibromoethane (EDB)	2.00	2.14		ppb v/v		107	70 - 130
1,2-Dichlorobenzene	2.00	1.92		ppb v/v		96	70 - 130
1,2-Dichloroethane	2.00	2.19		ppb v/v		109	70 - 130
1,2-Dichloropropane	2.00	2.04		ppb v/v		102	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane	2.00	2.24		ppb v/v		112	60 - 140
1,3,5-Trimethylbenzene	2.00	1.94		ppb v/v		97	70 - 130
1,3-Dichlorobenzene	2.00	1.96		ppb v/v		98	70 - 130
1,4-Dichlorobenzene	2.00	1.94		ppb v/v		97	70 - 130
1,4-Dioxane	2.00	1.82		ppb v/v		91	60 - 140
2,2,4-Trimethylpentane	2.00	2.13		ppb v/v		106	70 - 130
2-Butanone (MEK)	2.00	1.84		ppb v/v		92	60 - 140
4-Methyl-2-pentanone (MIBK)	2.00	1.78		ppb v/v		89	60 - 140
Benzyl chloride	2.00	2.05		ppb v/v		102	70 - 130
Benzene	2.00	2.07		ppb v/v		103	70 - 130
Bromodichloromethane	2.00	2.30		ppb v/v		115	70 - 130
Bromoform	2.00	2.44		ppb v/v		122	60 - 140
Bromomethane	2.00	2.13		ppb v/v		106	70 - 130
Carbon tetrachloride	2.00	2.26		ppb v/v		113	70 - 130
Chlorobenzene	2.00	2.04		ppb v/v		102	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-9484/1002
Matrix: Air
Analysis Batch: 9484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	2.00	2.10		ppb v/v		105	70 - 130
Chloroform	2.00	2.23		ppb v/v		111	70 - 130
Chloromethane	2.00	2.09		ppb v/v		105	60 - 140
cis-1,2-Dichloroethene	2.00	2.16		ppb v/v		108	70 - 130
cis-1,3-Dichloropropene	2.00	2.21		ppb v/v		110	70 - 130
Cyclohexane	2.00	2.12		ppb v/v		106	70 - 130
Dibromochloromethane	2.00	2.34		ppb v/v		117	70 - 130
Dichlorodifluoromethane	2.00	2.32		ppb v/v		116	60 - 140
Ethanol	10.0	9.96		ppb v/v		100	60 - 140
Ethylbenzene	2.00	1.92		ppb v/v		96	70 - 130
Hexachlorobutadiene	2.00	1.94		ppb v/v		97	60 - 140
Hexane	2.00	2.10		ppb v/v		105	70 - 130
m-Xylene & p-Xylene	4.00	3.92		ppb v/v		98	70 - 130
Methylene Chloride	2.00	2.03		ppb v/v		101	70 - 130
Methyl tert-butyl ether	2.00	1.98		ppb v/v		99	60 - 140
o-Xylene	2.00	1.91		ppb v/v		95	70 - 130
Styrene	2.00	2.12		ppb v/v		106	70 - 130
Tetrachloroethene	2.00	2.09		ppb v/v		105	70 - 130
Toluene	2.00	2.01		ppb v/v		100	70 - 130
trans-1,2-Dichloroethene	2.00	2.12		ppb v/v		106	70 - 130
trans-1,3-Dichloropropene	2.00	2.14		ppb v/v		107	70 - 130
Trichloroethene	2.00	2.22		ppb v/v		111	70 - 130
Trichlorofluoromethane	2.00	2.32		ppb v/v		116	60 - 140
Vinyl chloride	2.00	2.20		ppb v/v		110	70 - 130
tert-Butyl alcohol	2.00	2.01		ppb v/v		100	60 - 140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	11	12.3		ug/m3		112	70 - 130
1,1,2,2-Tetrachloroethane	14	13.6		ug/m3		99	70 - 130
1,1,2-Trichloroethane	11	10.9		ug/m3		100	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	15	17.2		ug/m3		112	70 - 130
1,1-Dichloroethane	8.1	8.69		ug/m3		107	70 - 130
1,1-Dichloroethene	7.9	8.64		ug/m3		109	70 - 130
1,2,4-Trichlorobenzene	15	14.4		ug/m3		97	60 - 140
1,2,4-Trimethylbenzene	9.8	9.64		ug/m3		98	70 - 130
1,2-Dibromoethane (EDB)	15	16.4		ug/m3		107	70 - 130
1,2-Dichlorobenzene	12	11.6		ug/m3		96	70 - 130
1,2-Dichloroethane	8.1	8.85		ug/m3		109	70 - 130
1,2-Dichloropropane	9.2	9.44		ug/m3		102	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane	14	15.7		ug/m3		112	60 - 140
1,3,5-Trimethylbenzene	9.8	9.56		ug/m3		97	70 - 130
1,3-Dichlorobenzene	12	11.8		ug/m3		98	70 - 130
1,4-Dichlorobenzene	12	11.6		ug/m3		97	70 - 130
1,4-Dioxane	7.2	6.56		ug/m3		91	60 - 140
2,2,4-Trimethylpentane	9.3	9.93		ug/m3		106	70 - 130
2-Butanone (MEK)	5.9	5.44		ug/m3		92	60 - 140
4-Methyl-2-pentanone (MIBK)	8.2	7.29		ug/m3		89	60 - 140

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-9484/1002
Matrix: Air
Analysis Batch: 9484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzyl chloride	10	10.6		ug/m3		102	70 - 130
Benzene	6.4	6.62		ug/m3		103	70 - 130
Bromodichloromethane	13	15.4		ug/m3		115	70 - 130
Bromoform	21	25.2		ug/m3		122	60 - 140
Bromomethane	7.8	8.27		ug/m3		106	70 - 130
Carbon tetrachloride	13	14.2		ug/m3		113	70 - 130
Chlorobenzene	9.2	9.41		ug/m3		102	70 - 130
Chloroethane	5.3	5.53		ug/m3		105	70 - 130
Chloroform	9.8	10.9		ug/m3		111	70 - 130
Chloromethane	4.1	4.32		ug/m3		105	60 - 140
cis-1,2-Dichloroethene	7.9	8.56		ug/m3		108	70 - 130
cis-1,3-Dichloropropene	9.1	10.0		ug/m3		110	70 - 130
Cyclohexane	6.9	7.31		ug/m3		106	70 - 130
Dibromochloromethane	17	19.9		ug/m3		117	70 - 130
Dichlorodifluoromethane	9.9	11.5		ug/m3		116	60 - 140
Ethanol	19	18.8		ug/m3		100	60 - 140
Ethylbenzene	8.7	8.35		ug/m3		96	70 - 130
Hexachlorobutadiene	21	20.7		ug/m3		97	60 - 140
Hexane	7.1	7.41		ug/m3		105	70 - 130
m-Xylene & p-Xylene	17	17.0		ug/m3		98	70 - 130
Methylene Chloride	7.0	7.05		ug/m3		101	70 - 130
Methyl tert-butyl ether	7.2	7.14		ug/m3		99	60 - 140
o-Xylene	8.7	8.28		ug/m3		95	70 - 130
Styrene	8.5	9.03		ug/m3		106	70 - 130
Tetrachloroethene	14	14.2		ug/m3		105	70 - 130
Toluene	7.5	7.56		ug/m3		100	70 - 130
trans-1,2-Dichloroethene	7.9	8.42		ug/m3		106	70 - 130
trans-1,3-Dichloropropene	9.1	9.70		ug/m3		107	70 - 130
Trichloroethene	11	11.9		ug/m3		111	70 - 130
Trichlorofluoromethane	11	13.0		ug/m3		116	60 - 140
Vinyl chloride	5.1	5.61		ug/m3		110	70 - 130
tert-Butyl alcohol	6.1	6.09		ug/m3		100	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*60 - 140*

QC Association Summary

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Air - GC/MS VOA

Analysis Batch: 9484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-7478-1	SSDS	Total/NA	Air	TO-15	9537
MB 140-9484/6	Method Blank	Total/NA	Air	TO-15	
LCS 140-9484/1002	Lab Control Sample	Total/NA	Air	TO-15	

Prep Batch: 9537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-7478-1	SSDS	Total/NA	Air	Air Transfer	

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Client Sample ID: SSDS

Lab Sample ID: 140-7478-1

Date Collected: 03/13/17 13:30

Matrix: Air

Date Received: 03/14/17 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Air Transfer					9537	03/15/17 09:50	AFB	TAL KNX
Total/NA	Analysis	TO-15		22.18	222 mL	500 mL	9484	03/17/17 23:47	AFB	TAL KNX
	Instrument ID: MG									

Client Sample ID: Method Blank

Lab Sample ID: MB 140-9484/6

Date Collected: N/A

Matrix: Air

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	9484	03/17/17 13:25	AFB	TAL KNX
	Instrument ID: MG									

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 140-9484/1002

Date Collected: N/A

Matrix: Air

Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	500 mL	500 mL	9484	03/17/17 10:42	AFB	TAL KNX
	Instrument ID: MG									

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Certification Summary

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Laboratory: TestAmerica Knoxville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10781	03-31-17

The following analytes are included in this report, but are not certified under this certification:

Analysis Method	Prep Method	Matrix	Analyte
TO-15	Air Transfer	Air	1,1,2-Trichloro-1,2,2-trifluoroethane
TO-15	Air Transfer	Air	1,2,4-Trimethylbenzene
TO-15	Air Transfer	Air	1,2-Dichloro-1,1,2,2-tetrafluoroethane
TO-15	Air Transfer	Air	1,3,5-Trimethylbenzene
TO-15	Air Transfer	Air	Dichlorodifluoromethane
TO-15	Air Transfer	Air	o-Xylene
TO-15	Air Transfer	Air	Trichlorofluoromethane

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
TO-15	Air Transfer	Air	Ethanol

Method Summary

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL KNX

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: New York State D.E.C.
Project/Site: Dambrose Cleaners #447030

TestAmerica Job ID: 140-7478-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
140-7478-1	SSDS	Air	03/13/17 13:30	03/14/17 09:45

TestAmerica Buffalo

10 Hazelwood Drive
Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

480501-Albany

Chain of Custody Record

040247

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Larry Alden	Site Contact: Kate Liloia (PES)	Date: 3/13/17	COC No:
Company Name: NYSDEC - Central	Tel/Fax: (518) 885-4399 (PES #)	Lab Contact:	Carrier:	1 of 1 COCs
Address: 625 Broadway	Analysis Turnaround Time			Sampler:
City/State/Zip: Albany, NY	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (518) 885-4399 (PES #s)	TAT if different from Below Standard			Walk-in Client:
Fax: (518) 885-4416	☐ 2 weeks			Lab Sampling:
Project Name: Former Ambrose Dry Cleaners	☐ 1 week			
Site: # 447030	☐ 2 days			Job / SDG No.:
~~PO#~~	☐ 1 day			

140-7478 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TO-15	Sample Specific Notes:
SSDS	3/13/17	13[30]	Grab	Air	3			X	
NOTHING FOLLOWS									Samples collected by PES

Received @ ambient
1 box, FedEx, so
trk# 7164 7164 4865
Custody seal intact
KW 3/14/17
3 Tedlars

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ______ Months

Special Instructions/QC Requirements & Comments:
CC Report to Kate Liloia @ Precision (kliloia@precisionenvironmentalny.com)

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ______ Corr'd: ______ | Therm ID No.: ______

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	PES	3/13/17 ; 14[30]	Daniel Bubniak	TA	3/13/17 1930
Relinquished by: Daniel Bubniak	Company: TA	Date/Time: 3/13/17 1800	Received by: [signature]	Company: TA	Date/Time: 3/14/17 0945
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Loc: 140
7478

TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Log In Number: _____

Review Items	Yes	No	NA	If No, what was the problem?
1. Are the shipping containers intact?	✓			☐ **Containers, Broken**
2. Were ambient air containers received intact?	✓			☐ Checked in lab
3. The coolers/containers custody seal if present, is it intact?	✓			☐ Yes ☐ NA
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID :_____ Correction factor: _____			✓	☐ **Cooler Out of Temp, Client Contacted, Proceed/Cancel** ☐ **Cooler Out of Temp, Same Day Receipt**
5. Were all of the sample containers received intact?	✓			☐ **Containers, Broken**
6. Were samples received in appropriate containers?	✓			☐ **Containers, Improper; Client Contacted; Proceed/Cancel**
7. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ **COC & Samples Do Not Match** ☐ **COC Incorrect/Incomplete** ☐ **COC Not Received**
8. Were all of the samples listed on the COC received?	✓			☐ **Sample Received, Not on COC** ☐ **Sample on COC, Not Received**
9. Is the date/time of sample collection noted?	✓			☐ **COC; No Date/Time; Client Contacted**
10. Was the sampler identified on the COC?		✓		☑ **Sampler Not Listed on COC**
11. Is the client and project name/# identified?	✓			☐ **COC Incorrect/Incomplete**
12. Are tests/parameters listed for each sample?	✓			☐ **COC No tests on COC**
13. Is the matrix of the samples noted?	✓			☐ **COC Incorrect/Incomplete**
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ **COC Incorrect/Incomplete**
15. Were samples received within holding time?	✓			☐ **Holding Time - Receipt**
16. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ **pH Adjusted, pH Included (See box 16A)** ☐ **Incorrect Preservative**
17. Were VOA samples received without headspace?			✓	☐ **Headspace (VOA only)**
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			✓	☐ **Residual Chlorine**
19. For 1613B water samples is pH<9?			✓	☐ If no, lab will adjust
20. For rad samples was sample activity info. Provided?			✓	☐ Project missing info

Comments/Actions Taken

Labeling Verified by: _____ **Date:** _____

pH test strip lot number: _____

	Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:		
Lot Number:		
Exp Date:		
Analyst:		
Date:		
Time:		

Project #: _____ PM Instructions: _____

Sample Receiving Associate: _____ Date: 3/14/17

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