



Avery Dennison Corporation
Environmental, Health & Safety
130 Walnut Street
Douglas, MA 01516 USA
Office: 508/ 476 5041
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April 8, 2016

Daniel R. Lanners, P.E.
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation, Remedial Bureau C
625 Broadway, 11th Floor
Albany, NY 12233-7014

**Re: Preliminary Indoor Air and Sub-Slab Soil Vapor Sampling Results
Avery Dennison Corporation – Orangeburg Facility
NYSDEC Site No. 344072
Orangeburg, Rockland County, NY**

Dear Mr. Lanners,

As you are aware, The Johnson Company (JCO) performed indoor air and sub-slab soil vapor sampling at the above-referenced Avery Dennison Corporation (ADC) facility during the week of March 21, 2016. The work was performed in accordance with the Soil Vapor Intrusion Investigation Work Plan (the Work Plan) submitted to New York State Department of Environmental Conservation (the Department) on March 4, 2016. Please find attached an updated sample location figure (*see Figure 1*) and preliminary results from laboratory analysis of those samples (*see Table 1*) as requested by the Department in its February 24, 2016 letter to ADC.

The attached preliminary results show no exceedances of New York State Department of Health (NYSDOH) Indoor Air Guidelines or United States Environmental Protection Agency Vapor Intrusion Screening Levels. The analytical results are presented as reported by the analytical laboratory prior to third-party data validation and data usability assessment described in the Work Plan. Validated analytical results and a data usability summary will be included in a report provided to the Department to follow.

Provided validation of the air sampling results confirms these findings, and based on ADC's discussion with NYSDEC at our May 4, 2015 meeting regarding soil and groundwater at the property, ADC understands no further action will be required for characterization or remediation of this property. With our submittal of the SVI Investigation Report later this quarter, ADC will request a response from NYSDEC confirming no further action is required.

If you have any questions or comments, please do not hesitate to call.

Sincerely,

Bruce Martin
Manager, Remediation Services
Avery Dennison Corporation

cc: Chris Turner, The Johnson Company

DRAFT

Table 1: Preliminary Indoor Air and Sub-Slab Soil Vapor Analytical Results - PENDING DATA VALIDATION

Former Paxar Facility
Orangeburg, New York

Sample Type	Sample Duration	Analyte	NYSDOH Decision Matrix	USEPA Screening Level ¹ (µg/m ³)	Sample Date:					
					3/23/2016	3/23/2016	3/23/2016	3/23/2016	3/23/2016	3/23/2016
					SS-1	SS-2	SS-3	SS-4	SS-5	SS-5 Duplicate
Sub-Slab Soil Vapor	8 hours	Tetrachloroethene	Matrix 2	1,600	140	4.5	8.1	8.5	160	150
		Trichloroethene	Matrix 1	100	14	ND (<0.90)	1.1	ND (<0.88)	15	15
		cis-1,2-Dichloroethene	Matrix 2	--	ND (<0.65)	ND (<0.67)	ND (<0.62)	ND (<0.65)	ND (<0.64)	ND (<0.61)
		trans-1,2-Dichloroethene	--	--	ND (<0.65)	ND (<0.67)	ND (<0.62)	ND (<0.65)	ND (<0.64)	ND (<0.61)
		1,1-Dichloroethene	Matrix 2	29,000	ND (<0.65)	ND (<0.67)	ND (<0.62)	ND (<0.65)	1.1	1.1
		Vinyl chloride	Matrix 1	93	ND (<0.42)	ND (<0.43)	ND (<0.40)	ND (<0.42)	ND (<0.41)	ND (<0.39)
		1,1,1-Trichloroethane	Matrix 2	730,000	1.0	ND (<0.92)	ND (<0.86)	ND (<0.89)	14	14
		Carbon Tetrachloride	Matrix 1	68	6.8	29	6.3	31	7.1	7.4
		1,1-Dichloroethane	--	260	ND (<0.66)	ND (<0.68)	ND (<0.64)	ND (<0.66)	140	140
		1,2-Dichloroethane	--	16	ND (<0.66)	ND (<0.68)	ND (<0.64)	ND (<0.66)	ND (<0.65)	ND (<0.62)

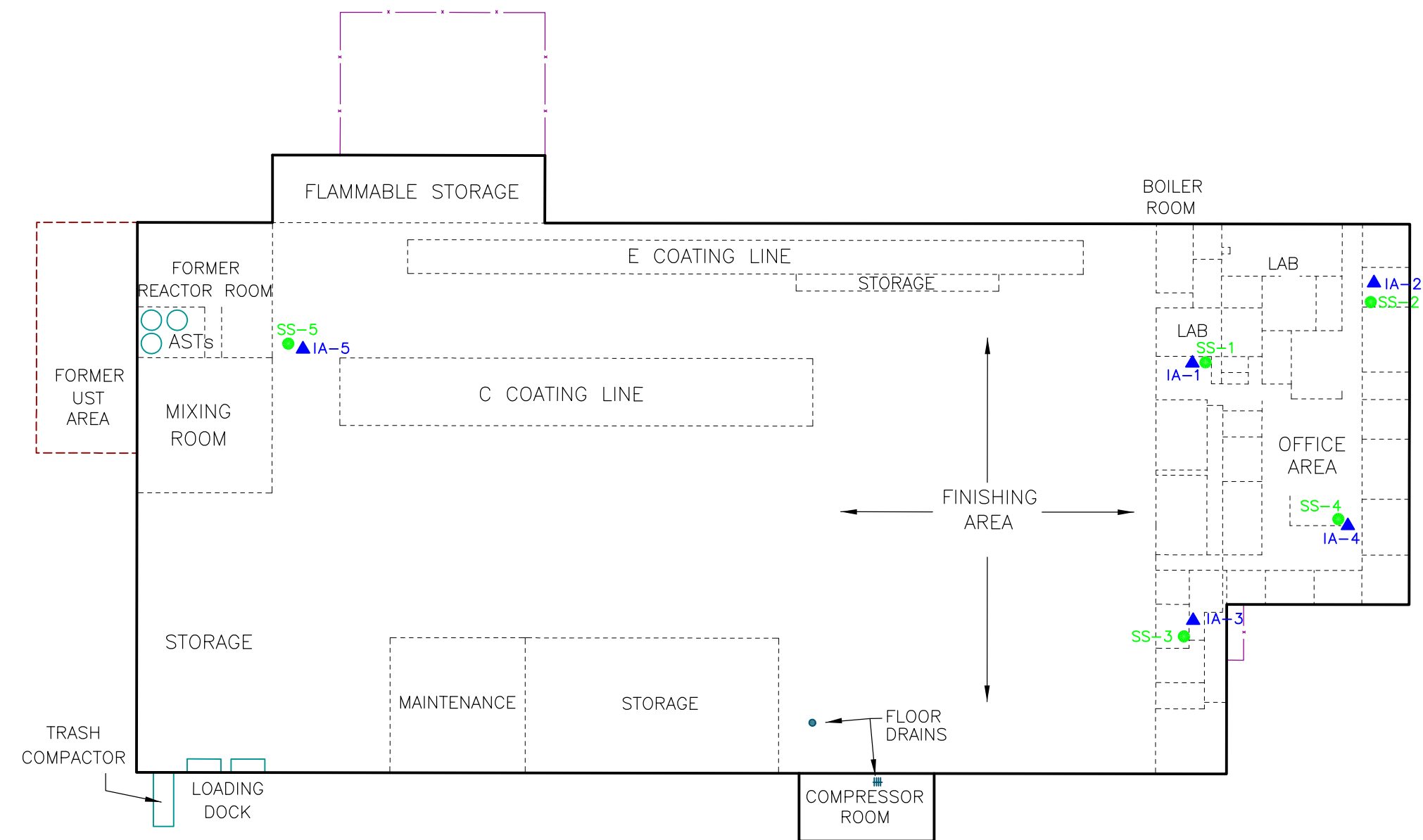
Sample Type	Sample Duration	Analyte	NYSDOH Decision Matrix	NYSDOH Indoor Air Guideline (µg/m ³)	USEPA Screening Level ¹ (µg/m ³)	Sample Date:						
						3/23/2016	3/23/2016	3/23/2016	3/23/2016	3/23/2016	3/23/2016	3/23/2016
						IA-1	IA-2	IA-3	IA-4	IA-4 Duplicate	IA-5	OA-1
Indoor and Ambient Air	8 hours	Tetrachloroethene	Matrix 2	30	47	0.74	0.66	ND (<1.1)	0.70	0.70	ND (<2.2)	ND (<0.22)
		Trichloroethene	Matrix 1	2	3	ND (<0.45)	ND (<0.35)	ND (<0.85)	ND (<0.43)	ND (<0.34)	ND (<1.7)	ND (<0.17)
		cis-1,2-Dichloroethene	Matrix 2	--	--	ND (<0.33)	ND (<0.26)	ND (<0.63)	ND (<0.32)	ND (<0.25)	ND (<1.3)	ND (<0.13)
		trans-1,2-Dichloroethene	--	--	--	ND (<1.7)	ND (<1.3)	ND (<3.1)	ND (<1.6)	ND (<1.2)	ND (<6.4)	ND (<0.63)
		1,1-Dichloroethene	Matrix 2	--	880	ND (<0.17)	ND (<0.13)	ND (<0.31)	ND (<0.16)	ND (<0.12)	ND (<0.64)	ND (<0.063)
		Vinyl chloride	Matrix 1	--	2.8	ND (<0.11)	ND (<0.082)	ND (<0.20)	ND (<0.10)	ND (<0.081)	ND (<0.41)	ND (<0.041)
		1,1,1-Trichloroethane	Matrix 2	--	22,000	ND (<0.46)	ND (<0.35)	ND (<0.86)	ND (<0.44)	ND (<0.34)	ND (<1.8)	ND (<0.17)
		Carbon Tetrachloride	Matrix 1	--	2	0.65	0.60	ND (<0.99)	0.74	0.69	ND (<2.0)	0.47
		1,1-Dichloroethane	--	--	7.7	ND (<0.34)	ND (<0.26)	ND (<0.64)	ND (<0.32)	ND (<0.26)	ND (<1.3)	ND (<0.13)
		1,2-Dichloroethane	--	--	0.47	ND (<0.34)	ND (<0.26)	ND (<0.64)	ND (<0.32)	ND (<0.26)	ND (<1.3)	ND (<0.13)

Notes:

1. USEPA Screening Levels from Vapor Intrusion Screening Level Calculator version 3.4, November 2015 RSLs. Commercial Scenario, TCR = 1x10⁶; THQ = 1.0 (USEPA, 2016)
2. Indoor Air and Outdoor Air Samples analyzed by Eurofins Air Toxics using USEPA Method TO-15 SIM
3. Sub-Slab Soil Vapor Samples analyzed by Eurofins Air Toxics using modified USEPA Method TO-15
4. Concentrations expressed in units of micrograms per cubic meter (µg/m³)
5. Results are preliminary and provided as reported by the analytical laboratory. Results may be modified based on data validation findings.

Abbreviations:

"ND" = analyte not detected; analytical reporting limit provided in parentheses
 "--" = no guidance value or screening level for this compound



- LEGEND**
- Building Footprint
 - Approximate Building Interior Partition
 - Fenceline
 - Indoor Air Sampling Location
 - Sub-Slab Soil Vapor Sampling Location

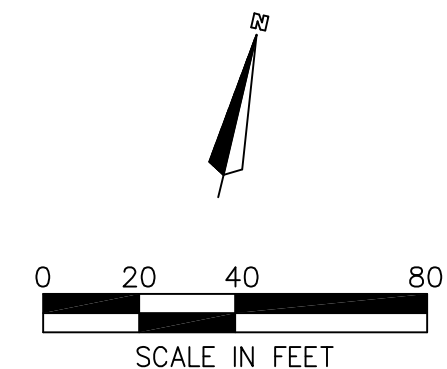


**Figure 1: March 23, 2016 Sub-Slab Soil Vapor and Indoor Air Sampling Locations
Former PAXAR Facility
Orangeburg, New York**

DRAFT

SITE2010.dwg



100 State Street, Suite 600 Montpelier, VT 05602	
Drawn by: TJK	Date: 04/07/16
Reviewed by: CMT	Date: 04/07/16
Scale: As Shown	Project: 1-0145-15

Laboratory Analytical Reports

4/6/2016

Mr. Chris Turner
The Johnson Company
100 State Street
Suite 600
Montpelier VT 05602

Project Name: Avery Dennison Orangeburg, NY

Project #: 1-0145-15

Workorder #: 1603511B

Dear Mr. Chris Turner

The following report includes the data for the above referenced project for sample(s) received on 3/25/2016 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics Inc. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free the Project Manager: Ausha Scott at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Ausha Scott
Project Manager

WORK ORDER #: 1603511B

Work Order Summary

CLIENT: Mr. Chris Turner
The Johnson Company
100 State Street
Suite 600
Montpelier, VT 05602

BILL TO: Accounts Payable
The Johnson Company
100 State Street
Suite 600
Montpelier, VT 05602

PHONE: 603.232.2974

P.O. #

FAX: 802.229.5876

PROJECT # 1-0145-15 Avery Dennison Orangeburg,

DATE RECEIVED: 03/25/2016

CONTACT: NY
Ausha Scott

DATE COMPLETED: 04/06/2016

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
08A	SS-01	Modified TO-15	5.5 "Hg	5 psi
09A	SS-02	Modified TO-15	6.1 "Hg	5 psi
10A	SS-03	Modified TO-15	4.3 "Hg	5 psi
11A	SS-04	Modified TO-15	5.3 "Hg	5.1 psi
12A	SS-05	Modified TO-15	5.1 "Hg	4.9 psi
13A	SS-DUP	Modified TO-15	4.1 "Hg	5 psi
14A	Lab Blank	Modified TO-15	NA	NA
15A	CCV	Modified TO-15	NA	NA
16A	LCS	Modified TO-15	NA	NA
16AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY:



Technical Director

DATE: 04/06/16

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-15-9, UT NELAP CA0093332015-6, VA NELAP - 8113, WA NELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2015, Expiration date: 10/17/2016.

Eurofins Air Toxics Inc., certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15
The Johnson Company
Workorder# 1603511B

Six 6 Liter Summa Canister (SIM Certified) samples were received on March 25, 2016. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
Initial Calibration	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	$\leq 30\%$ RSD with 4 compounds allowed out to $< 40\%$ RSD
Blank and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SS-01

Lab ID#: 1603511B-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1,1-Trichloroethane	0.16	0.19	0.89	1.0
Carbon Tetrachloride	0.16	1.1	1.0	6.8
Trichloroethene	0.16	2.6	0.88	14
Tetrachloroethene	0.16	20	1.1	140

Client Sample ID: SS-02

Lab ID#: 1603511B-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.17	4.7	1.0	29
Tetrachloroethene	0.17	0.66	1.1	4.5

Client Sample ID: SS-03

Lab ID#: 1603511B-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.16	1.0	0.99	6.3
Trichloroethene	0.16	0.21	0.84	1.1
Tetrachloroethene	0.16	1.2	1.1	8.1

Client Sample ID: SS-04

Lab ID#: 1603511B-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.16	5.0	1.0	31
Tetrachloroethene	0.16	1.3	1.1	8.5

Client Sample ID: SS-05

Lab ID#: 1603511B-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethene	0.16	0.28	0.64	1.1

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SS-05

Lab ID#: 1603511B-12A

1,1-Dichloroethane	0.16	33	0.65	140
1,1,1-Trichloroethane	0.16	2.5	0.88	14
Carbon Tetrachloride	0.16	1.1	1.0	7.1
Trichloroethene	0.16	2.8	0.86	15
Tetrachloroethene	0.16	23	1.1	160

Client Sample ID: SS-DUP

Lab ID#: 1603511B-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethene	0.15	0.27	0.61	1.1
1,1-Dichloroethane	0.15	36	0.62	140
1,1,1-Trichloroethane	0.15	2.6	0.84	14
Carbon Tetrachloride	0.15	1.2	0.97	7.4
Trichloroethene	0.15	2.8	0.83	15
Tetrachloroethene	0.15	23	1.0	150



Air Toxics

Client Sample ID: SS-01

Lab ID#: 1603511B-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033009	Date of Collection:	3/23/16 8:14:00 PM
Dil. Factor:	1.64	Date of Analysis:	3/30/16 02:09 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.16	Not Detected	0.42	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.65	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.66	Not Detected
cis-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
1,1,1-Trichloroethane	0.16	0.19	0.89	1.0
Carbon Tetrachloride	0.16	1.1	1.0	6.8
1,2-Dichloroethane	0.16	Not Detected	0.66	Not Detected
Trichloroethene	0.16	2.6	0.88	14
Tetrachloroethene	0.16	20	1.1	140

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: SS-02

Lab ID#: 1603511B-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033010	Date of Collection:	3/23/16 7:16:00 PM
Dil. Factor:	1.68	Date of Analysis:	3/30/16 02:54 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.17	Not Detected	0.43	Not Detected
1,1-Dichloroethene	0.17	Not Detected	0.67	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
1,1-Dichloroethane	0.17	Not Detected	0.68	Not Detected
cis-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
1,1,1-Trichloroethane	0.17	Not Detected	0.92	Not Detected
Carbon Tetrachloride	0.17	4.7	1.0	29
1,2-Dichloroethane	0.17	Not Detected	0.68	Not Detected
Trichloroethene	0.17	Not Detected	0.90	Not Detected
Tetrachloroethene	0.17	0.66	1.1	4.5

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: SS-03

Lab ID#: 1603511B-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033011	Date of Collection:	3/23/16 8:21:00 PM
Dil. Factor:	1.57	Date of Analysis:	3/30/16 03:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.16	Not Detected	0.40	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.62	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.62	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.64	Not Detected
cis-1,2-Dichloroethene	0.16	Not Detected	0.62	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Carbon Tetrachloride	0.16	1.0	0.99	6.3
1,2-Dichloroethane	0.16	Not Detected	0.64	Not Detected
Trichloroethene	0.16	0.21	0.84	1.1
Tetrachloroethene	0.16	1.2	1.1	8.1

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: SS-04

Lab ID#: 1603511B-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033012	Date of Collection:	3/23/16 7:18:00 PM
Dil. Factor:	1.64	Date of Analysis:	3/30/16 04:06 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.16	Not Detected	0.42	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.65	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.66	Not Detected
cis-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.89	Not Detected
Carbon Tetrachloride	0.16	5.0	1.0	31
1,2-Dichloroethane	0.16	Not Detected	0.66	Not Detected
Trichloroethene	0.16	Not Detected	0.88	Not Detected
Tetrachloroethene	0.16	1.3	1.1	8.5

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: SS-05

Lab ID#: 1603511B-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033013	Date of Collection:	3/23/16 8:24:00 PM
Dil. Factor:	1.61	Date of Analysis:	3/30/16 04:41 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.16	Not Detected	0.41	Not Detected
1,1-Dichloroethene	0.16	0.28	0.64	1.1
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
1,1-Dichloroethane	0.16	33	0.65	140
cis-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
1,1,1-Trichloroethane	0.16	2.5	0.88	14
Carbon Tetrachloride	0.16	1.1	1.0	7.1
1,2-Dichloroethane	0.16	Not Detected	0.65	Not Detected
Trichloroethene	0.16	2.8	0.86	15
Tetrachloroethene	0.16	23	1.1	160

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	97	70-130



Air Toxics

Client Sample ID: SS-DUP

Lab ID#: 1603511B-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033014	Date of Collection:	3/23/16 7:24:00 PM
Dil. Factor:	1.54	Date of Analysis:	3/30/16 05:15 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.15	Not Detected	0.39	Not Detected
1,1-Dichloroethene	0.15	0.27	0.61	1.1
trans-1,2-Dichloroethene	0.15	Not Detected	0.61	Not Detected
1,1-Dichloroethane	0.15	36	0.62	140
cis-1,2-Dichloroethene	0.15	Not Detected	0.61	Not Detected
1,1,1-Trichloroethane	0.15	2.6	0.84	14
Carbon Tetrachloride	0.15	1.2	0.97	7.4
1,2-Dichloroethane	0.15	Not Detected	0.62	Not Detected
Trichloroethene	0.15	2.8	0.83	15
Tetrachloroethene	0.15	23	1.0	150

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1603511B-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033005	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/30/16 10:42 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	91	70-130

Client Sample ID: CCV

Lab ID#: 1603511B-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033002	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/30/16 08:41 AM

Compound	%Recovery
Vinyl Chloride	113
1,1-Dichloroethene	113
trans-1,2-Dichloroethene	114
1,1-Dichloroethane	114
cis-1,2-Dichloroethene	115
1,1,1-Trichloroethane	111
Carbon Tetrachloride	110
1,2-Dichloroethane	106
Trichloroethene	106
Tetrachloroethene	113

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1603511B-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033003	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/30/16 09:16 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	106	70-130
1,1-Dichloroethene	105	70-130
trans-1,2-Dichloroethene	106	70-130
1,1-Dichloroethane	107	70-130
cis-1,2-Dichloroethene	103	70-130
1,1,1-Trichloroethane	100	70-130
Carbon Tetrachloride	98	70-130
1,2-Dichloroethane	100	70-130
Trichloroethene	104	70-130
Tetrachloroethene	112	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCSD

Lab ID#: 1603511B-16AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v033004	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/30/16 09:50 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	112	70-130
1,1-Dichloroethene	111	70-130
trans-1,2-Dichloroethene	108	70-130
1,1-Dichloroethane	110	70-130
cis-1,2-Dichloroethene	108	70-130
1,1,1-Trichloroethane	105	70-130
Carbon Tetrachloride	103	70-130
1,2-Dichloroethane	102	70-130
Trichloroethene	103	70-130
Tetrachloroethene	110	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130



Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 2 of 2

Project Manager Chris Turner

Collected by: (Print and Sign) Bob Osborne [Signature] (TRO)

Company The Johnson Co Email CMT@JCOMAIL.COM

Address 100 State St. Suite 600 City Montpelier State VT Zip 05602

Phone (802) 229-4600 Fax _____

Project Info:

P.O. # _____

Project # 1-0145-15

Project Name Avery Dennison
Orangeburg, NY

Turn Around Time:

☒ Normal

☐ Rush

specify _____

Lab Use Only

Pressurized by: _____

Date: _____

Pressurization Gas: _____

N₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
08a	SS-01	33925	3/23/2016	1132-2014	TO-15 * short List	30"	7"		
09a	SS-02	24479		1130-1916	TO-15	28"	5"		
10a	SS-03	34429		1137-2021	TO-15	30"	6"		
11a	SS-04	34015		1134-1918	TO-15	29"	5"		
12a	SS-05	N0640	✓	1200-2024	TO-15	30"	5.0		
13a	SS-Dup	13669	3/23/2016	1100-1924	TO-15 * short List	30"	5.5"		

Relinquished by: (signature) [Signature] Date/Time 3/24/16 1100

Relinquished by: (signature) _____ Date/Time _____

Relinquished by: (signature) _____ Date/Time _____

Received by: (signature) [Signature] Date/Time 3/25/16 1020

Received by: (signature) _____ Date/Time _____

Received by: (signature) _____ Date/Time _____

Notes: *short List: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl Chloride, Carbon Tetrachloride, 1,1,1-TCA, 1,1-DCA + 1,2DCA.

Lab Use Only	Shipper Name	Air Bill #	Temp. (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FEDEX</u>		<u>NA</u>	<u>Good</u>	<u>Yes</u> No None	<u>1603511</u>

4/6/2016

Mr. Chris Turner
The Johnson Company
100 State Street
Suite 600
Montpelier VT 05602

Project Name: Avery Dennison Orangeburg, NY

Project #: 1-0145-15

Workorder #: 1603511A

Dear Mr. Chris Turner

The following report includes the data for the above referenced project for sample(s) received on 3/25/2016 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics Inc. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free the Project Manager: Ausha Scott at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Ausha Scott
Project Manager

WORK ORDER #: 1603511A

Work Order Summary

CLIENT: Mr. Chris Turner
The Johnson Company
100 State Street
Suite 600
Montpelier, VT 05602

BILL TO: Accounts Payable
The Johnson Company
100 State Street
Suite 600
Montpelier, VT 05602

PHONE: 603.232.2974

P.O. #

FAX: 802.229.5876

PROJECT # 1-0145-15 Avery Dennison Orangeburg,

DATE RECEIVED: 03/25/2016

CONTACT: NY
Ausha Scott

DATE COMPLETED: 04/06/2016

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-01	Modified TO-15 SIM	6.1 "Hg	5.1 psi
02A	IA-02	Modified TO-15 SIM	5.1 "Hg	4.9 psi
03A	IA-03	Modified TO-15 SIM	4.5 "Hg	5.1 psi
04A	IA-04	Modified TO-15 SIM	5.1 "Hg	4.9 psi
05A	IA-05	Modified TO-15 SIM	4.9 "Hg	5.1 psi
06A	IA-DUP	Modified TO-15 SIM	4.5 "Hg	5.1 psi
07A	OA-01	Modified TO-15 SIM	4.9 "Hg	5 psi
08A	Lab Blank	Modified TO-15 SIM	NA	NA
08B	Lab Blank	Modified TO-15 SIM	NA	NA
09A	CCV	Modified TO-15 SIM	NA	NA
09B	CCV	Modified TO-15 SIM	NA	NA
10A	LCS	Modified TO-15 SIM	NA	NA
10AA	LCSD	Modified TO-15 SIM	NA	NA
10B	LCS	Modified TO-15 SIM	NA	NA
10BB	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY:



Technical Director

DATE: 04/06/16

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-15-9, UT NELAP CA0093332015-6, VA NELAP - 8113, WA NELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2015, Expiration date: 10/17/2016.

Eurofins Air Toxics Inc., certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630

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**LABORATORY NARRATIVE
Modified TO-15 SIM
The Johnson Company
Workorder# 1603511A**

Seven 6 Liter Summa Canister (SIM Certified) samples were received on March 25, 2016. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

Requirement	TO-15	ATL Modifications
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on samples IA-01, IA-02, IA-03, IA-04, IA-05, and IA-DUP due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-01

Lab ID#: 1603511A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.084	0.10	0.53	0.65
Tetrachloroethene	0.084	0.11	0.57	0.74

Client Sample ID: IA-02

Lab ID#: 1603511A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.064	0.096	0.40	0.60
Tetrachloroethene	0.064	0.097	0.44	0.66

Client Sample ID: IA-03

Lab ID#: 1603511A-03A

No Detections Were Found.

Client Sample ID: IA-04

Lab ID#: 1603511A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.080	0.12	0.50	0.74
Tetrachloroethene	0.080	0.10	0.54	0.70

Client Sample ID: IA-05

Lab ID#: 1603511A-05A

No Detections Were Found.

Client Sample ID: IA-DUP

Lab ID#: 1603511A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.063	0.11	0.40	0.69
Tetrachloroethene	0.063	0.10	0.43	0.70

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: OA-01

Lab ID#: 1603511A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.032	0.075	0.20	0.47

Client Sample ID: IA-01

Lab ID#: 1603511A-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v032917sim	Date of Collection:	3/23/16 7:01:00 PM
Dil. Factor:	4.22	Date of Analysis:	3/29/16 08:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.042	Not Detected	0.11	Not Detected
1,1-Dichloroethene	0.042	Not Detected	0.17	Not Detected
trans-1,2-Dichloroethene	0.42	Not Detected	1.7	Not Detected
1,1-Dichloroethane	0.084	Not Detected	0.34	Not Detected
cis-1,2-Dichloroethene	0.084	Not Detected	0.33	Not Detected
1,1,1-Trichloroethane	0.084	Not Detected	0.46	Not Detected
Carbon Tetrachloride	0.084	0.10	0.53	0.65
1,2-Dichloroethane	0.084	Not Detected	0.34	Not Detected
Trichloroethene	0.084	Not Detected	0.45	Not Detected
Tetrachloroethene	0.084	0.11	0.57	0.74

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: IA-02

Lab ID#: 1603511A-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v032918sim	Date of Collection:	3/23/16 7:49:00 PM
Dil. Factor:	3.22	Date of Analysis:	3/29/16 08:51 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.032	Not Detected	0.082	Not Detected
1,1-Dichloroethene	0.032	Not Detected	0.13	Not Detected
trans-1,2-Dichloroethene	0.32	Not Detected	1.3	Not Detected
1,1-Dichloroethane	0.064	Not Detected	0.26	Not Detected
cis-1,2-Dichloroethene	0.064	Not Detected	0.26	Not Detected
1,1,1-Trichloroethane	0.064	Not Detected	0.35	Not Detected
Carbon Tetrachloride	0.064	0.096	0.40	0.60
1,2-Dichloroethane	0.064	Not Detected	0.26	Not Detected
Trichloroethene	0.064	Not Detected	0.35	Not Detected
Tetrachloroethene	0.064	0.097	0.44	0.66

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: IA-03

Lab ID#: 1603511A-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v032919sim	Date of Collection:	3/23/16 8:20:00 PM
Dil. Factor:	7.90	Date of Analysis:	3/29/16 09:41 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.079	Not Detected	0.20	Not Detected
1,1-Dichloroethene	0.079	Not Detected	0.31	Not Detected
trans-1,2-Dichloroethene	0.79	Not Detected	3.1	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.64	Not Detected
cis-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.86	Not Detected
Carbon Tetrachloride	0.16	Not Detected	0.99	Not Detected
1,2-Dichloroethane	0.16	Not Detected	0.64	Not Detected
Trichloroethene	0.16	Not Detected	0.85	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: IA-04

Lab ID#: 1603511A-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v032920sim	Date of Collection: 3/23/16 8:00:00 PM
Dil. Factor:	4.02	Date of Analysis: 3/29/16 10:34 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.040	Not Detected	0.10	Not Detected
1,1-Dichloroethene	0.040	Not Detected	0.16	Not Detected
trans-1,2-Dichloroethene	0.40	Not Detected	1.6	Not Detected
1,1-Dichloroethane	0.080	Not Detected	0.32	Not Detected
cis-1,2-Dichloroethene	0.080	Not Detected	0.32	Not Detected
1,1,1-Trichloroethane	0.080	Not Detected	0.44	Not Detected
Carbon Tetrachloride	0.080	0.12	0.50	0.74
1,2-Dichloroethane	0.080	Not Detected	0.32	Not Detected
Trichloroethene	0.080	Not Detected	0.43	Not Detected
Tetrachloroethene	0.080	0.10	0.54	0.70

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: IA-05

Lab ID#: 1603511A-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v033006sim	Date of Collection: 3/23/16 8:23:00 PM
Dil. Factor:	16.1	Date of Analysis: 3/30/16 11:45 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.16	Not Detected	0.41	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.64	Not Detected
trans-1,2-Dichloroethene	1.6	Not Detected	6.4	Not Detected
1,1-Dichloroethane	0.32	Not Detected	1.3	Not Detected
cis-1,2-Dichloroethene	0.32	Not Detected	1.3	Not Detected
1,1,1-Trichloroethane	0.32	Not Detected	1.8	Not Detected
Carbon Tetrachloride	0.32	Not Detected	2.0	Not Detected
1,2-Dichloroethane	0.32	Not Detected	1.3	Not Detected
Trichloroethene	0.32	Not Detected	1.7	Not Detected
Tetrachloroethene	0.32	Not Detected	2.2	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	99	70-130

Client Sample ID: IA-DUP

Lab ID#: 1603511A-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v033007sim	Date of Collection:	3/23/16 7:06:00 PM
Dil. Factor:	3.16	Date of Analysis:	3/30/16 12:19 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.032	Not Detected	0.081	Not Detected
1,1-Dichloroethene	0.032	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.32	Not Detected	1.2	Not Detected
1,1-Dichloroethane	0.063	Not Detected	0.26	Not Detected
cis-1,2-Dichloroethene	0.063	Not Detected	0.25	Not Detected
1,1,1-Trichloroethane	0.063	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.063	0.11	0.40	0.69
1,2-Dichloroethane	0.063	Not Detected	0.26	Not Detected
Trichloroethene	0.063	Not Detected	0.34	Not Detected
Tetrachloroethene	0.063	0.10	0.43	0.70

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: OA-01

Lab ID#: 1603511A-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v033008sim	Date of Collection:	3/23/16 8:37:00 PM
Dil. Factor:	1.60	Date of Analysis:	3/30/16 01:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.063	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.032	Not Detected	0.17	Not Detected
Carbon Tetrachloride	0.032	0.075	0.20	0.47
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: Lab Blank

Lab ID#: 1603511A-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v032906sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/29/16 11:53 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	99	70-130

Client Sample ID: Lab Blank

Lab ID#: 1603511A-08B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v033005sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/30/16 10:42 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,1,1-Trichloroethane	0.020	Not Detected	0.11	Not Detected
Carbon Tetrachloride	0.020	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: CCV

Lab ID#: 1603511A-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v032902sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/29/16 09:01 AM

Compound	%Recovery
Vinyl Chloride	107
1,1-Dichloroethene	104
trans-1,2-Dichloroethene	105
1,1-Dichloroethane	109
cis-1,2-Dichloroethene	105
1,1,1-Trichloroethane	108
Carbon Tetrachloride	107
1,2-Dichloroethane	104
Trichloroethene	102
Tetrachloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: CCV

Lab ID#: 1603511A-09B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v033002sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/30/16 08:41 AM

Compound	%Recovery
Vinyl Chloride	105
1,1-Dichloroethene	104
trans-1,2-Dichloroethene	105
1,1-Dichloroethane	109
cis-1,2-Dichloroethene	106
1,1,1-Trichloroethane	107
Carbon Tetrachloride	107
1,2-Dichloroethane	106
Trichloroethene	104
Tetrachloroethene	106

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1603511A-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name: v032903sim

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 3/29/16 09:35 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	102	70-130
1,1-Dichloroethene	100	70-130
trans-1,2-Dichloroethene	102	70-130
1,1-Dichloroethane	104	70-130
cis-1,2-Dichloroethene	98	70-130
1,1,1-Trichloroethane	102	70-130
Carbon Tetrachloride	98	60-140
1,2-Dichloroethane	102	70-130
Trichloroethene	99	70-130
Tetrachloroethene	101	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: LCSD

Lab ID#: 1603511A-10AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v032904sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/29/16 10:10 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	105	70-130
1,1-Dichloroethene	102	70-130
trans-1,2-Dichloroethene	104	70-130
1,1-Dichloroethane	106	70-130
cis-1,2-Dichloroethene	100	70-130
1,1,1-Trichloroethane	104	70-130
Carbon Tetrachloride	101	60-140
1,2-Dichloroethane	103	70-130
Trichloroethene	101	70-130
Tetrachloroethene	104	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: LCS

Lab ID#: 1603511A-10B

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v033003sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/30/16 09:16 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	101	70-130
1,1-Dichloroethene	98	70-130
trans-1,2-Dichloroethene	101	70-130
1,1-Dichloroethane	103	70-130
cis-1,2-Dichloroethene	97	70-130
1,1,1-Trichloroethane	101	70-130
Carbon Tetrachloride	97	60-140
1,2-Dichloroethane	101	70-130
Trichloroethene	99	70-130
Tetrachloroethene	103	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCSD

Lab ID#: 1603511A-10BB

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v033004sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/30/16 09:50 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	103	70-130
1,1-Dichloroethene	99	70-130
trans-1,2-Dichloroethene	103	70-130
1,1-Dichloroethane	104	70-130
cis-1,2-Dichloroethene	98	70-130
1,1,1-Trichloroethane	103	70-130
Carbon Tetrachloride	99	60-140
1,2-Dichloroethane	102	70-130
Trichloroethene	100	70-130
Tetrachloroethene	103	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 2

Project Manager Chris Turner
Collected by: (Print and Sign) Bob Osborne (TRC)
Company The Johnson Co Email CMT@JSCOMAIL.COM
Address 100 State St. Suite 600 Montpelier State VT Zip 05602
Phone (802) 229-4600 Fax _____

Project Info:		Turn Around Time:	Lab Use Only
P.O. # _____	Project # <u>1-0145-15</u>	☒ Normal	Pressurized by: _____
Project Name <u>Avery Pennison Orangeburg, NY</u>		☐ Rush	Date: _____
		specify _____	Pressurization Gas: _____
			N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01a	IA-01	34004	3/23/2016	1132-1901	TO-15 SIM ^{short list}	29"	5"		
02a	IA-02	N0628		1130-1949	TO-15 SIM	30"	7"		
03a	IA-03	33562		1137-2020	TO-15 SIM	30"	6"		
04a	IA-04	9936		1134-2006	TO-15 SIM	30"	5.5"		
05a	IA-05	11871		1200-2023	TO-15 SIM	30"	5.5"		
06a	IA-Dup	N0580	✓	1034-1906	TO-15 SIM	30"	6"		
07a	OA-01	24491	3/23/2016	1213-2057	TO-15 SIM ^{short list}	30"	7.5"		
08									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>3/24/16 1100</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3-25-16 1000</u>	Notes: <u>Short list: PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE, Vinyl Chloride, carbon tetrachloride, 1,1,1-TCA, 1,1-DCA, 1,2-DCA.</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FedEx</u>	Air Bill # _____	Temp (°C) <u>NA</u>	Condition <u>Good</u>	Custody Seals Intact? <u>Yes</u> No None	Work Order # <u>1603511</u>
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