



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

February 23, 2017

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 January 2017 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,

Avery Dennison Corporation (ADC) and its consultant, The Johnson Company (JCO), performed indoor air and sub-slab soil vapor sampling at the above-referenced ADC facility in late January 2017, as requested in correspondence from New York State Department of Environmental Conservation (the Department) dated December 15, 2016. The work was performed in accordance with the Soil Vapor Intrusion Investigation Work Plan (the Work Plan) submitted to the Department on March 4, 2016. Please find attached a sample location figure (*see Figure 1*) and preliminary results from laboratory analysis of those samples (*see Table 1*). Final results will follow, pending third-party data validation and preparation of a Data Usability Summary Report.

The attached preliminary results show only a single VOC detection in the indoor air samples: carbon tetrachloride at a concentration of 0.45 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) at location IA-4. That concentration is less than the concentration of carbon tetrachloride in the associated outdoor air sample collected concurrently ($0.53 \mu\text{g}/\text{m}^3$), falls below the “continue monitoring range” in the New York State Department of Health (NYSDOH) generic decision Matrix 1, and is less than the current United States Environmental Protection Agency (USEPA) risk-based indoor air screening level of $2 \mu\text{g}/\text{m}^3$ for carbon tetrachloride.

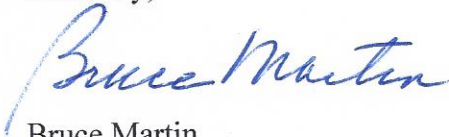
Tetrachloroethene (PCE) was detected in two sub-slab soil gas samples at levels that fall within the “continue monitoring range” on the NYSDOH generic decision Matrix 2. PCE was not detected in any indoor air samples in 2017, and the maximum reported PCE concentration in soil gas ($150 \mu\text{g}/\text{m}^3$) is more than a factor of ten below the current risk-based USEPA screening level ($1,600 \mu\text{g}/\text{m}^3$). Concentrations of PCE and other VOCs detected in the 2017 soil gas samples were similar to or lower than those detected in 2016, indicating that concentrations are not increasing over time. The NYSDOH generic decision matrix notwithstanding, PCE does

not qualify as a constituent of concern for soil vapor intrusion based on USEPA's current risk-based screening level calculations.

We would like to schedule a meeting with the Department to discuss the steps required to obtain a no further action determination for this property. ADC voluntarily performed environmental investigations after acquiring the property in 2007, and presented the results to NYSDEC. At our May 4, 2015 meeting in Albany, the Department indicated no further action would be required to address VOCs in soil and groundwater at the property. ADC has an urgent business need to plan for future use of this facility; clarification on the timeline and process for obtaining a no further action determination is a key component of that planning.

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

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:					
					1/25/2017	1/25/2017	1/25/2017	1/25/2017	1/25/2017	1/25/2017
					SS-1	SS-2	SS-3	SS-4	SS-5	SS-5 Duplicate
Sub-Slab Soil Vapor	8 hours	Tetrachloroethene	Matrix 2	1,600	150	4.8	7.3	7.3	130	130
		Trichloroethene	Matrix 1	100	28	ND (<0.96)	0.9 J	ND (<0.98)	10	11
		cis-1,2-Dichloroethene	Matrix 2	--	3.4	ND (<0.71)	ND (<0.68)	ND (<0.72)	ND (<0.68)	ND (<0.67)
		trans-1,2-Dichloroethene	--	--	ND (<0.69)	ND (<0.71)	ND (<0.68)	ND (<0.72)	ND (<0.68)	ND (<0.67)
		1,1-Dichloroethene	Matrix 2	29,000	ND (<0.69)	ND (<0.71)	ND (<0.68)	ND (<0.72)	ND (<0.68)	0.75
		Vinyl chloride	Matrix 1	93	ND (<0.45)	ND (<0.46)	ND (<0.44)	ND (<0.47)	ND (<0.44)	ND (<0.43)
		1,1,1-Trichloroethane	Matrix 2	730,000	1.0	ND (<0.98)	ND (<0.93)	ND (<1.0)	13	14
		Carbon Tetrachloride	Matrix 1	68	ND (<1.1)	ND (<1.1)	1.0 J	ND (<1.2)	5.2	5.6
		1,1-Dichloroethane	--	260	ND (<0.71)	ND (<0.72)	ND (<0.69)	ND (<0.74)	74	75
		1,2-Dichloroethane	--	16	ND (<0.71)	ND (<0.72)	ND (<0.69)	ND (<0.74)	ND (<0.69)	ND (<0.68)

Sample Type	Sample Duration	Analyte	NYSDOH Decision Matrix	NYSDOH Indoor Air Guideline (µg/m ³)	USEPA Screening Level ¹ (µg/m ³)	Sample Date:						
						1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017
						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	ND (<0.62)	ND (<0.46)	ND (<1.1)	ND (<0.30)	ND (<0.40)	ND (<120)	ND (<0.22)
		Trichloroethene	Matrix 1	2	3	ND (<0.49)	ND (<0.37)	ND (<0.90)	ND (<0.24)	ND (<0.32)	ND (<96)	ND (<0.18)
		cis-1,2-Dichloroethene	Matrix 2	--	--	ND (<0.36)	ND (<0.27)	ND (<0.67)	ND (<0.17)	ND (<0.24)	ND (<71)	ND (<0.13)
		trans-1,2-Dichloroethene	--	--	--	ND (<1.8)	ND (<1.4)	ND (<3.3)	ND (<0.87)	ND (<1.2)	ND (<71)	ND (<0.65)
		1,1-Dichloroethene	Matrix 2	--	880	ND (<0.18)	ND (<0.14)	ND (<0.33)	ND (<0.087)	ND (<0.12)	ND (<71)	ND (<0.065)
		Vinyl chloride	Matrix 1	--	2.8	ND (<0.12)	ND (<0.087)	ND (<0.21)	ND (<0.056)	ND (<0.076)	ND (<46)	ND (<0.042)
		1,1,1-Trichloroethane	Matrix 2	--	22,000	ND (<0.50)	ND (<0.37)	ND (<0.92)	ND (<0.24)	ND (<0.32)	ND (<98)	ND (<0.18)
		Carbon Tetrachloride	Matrix 1	--	2	ND (<0.58)	ND (<0.43)	ND (<1.0)	0.45	0.45	ND (<110)	0.53
		1,1-Dichloroethane	--	--	7.7	ND (<0.37)	ND (<0.28)	ND (<0.68)	ND (<0.18)	ND (<0.24)	ND (<72)	ND (<0.13)
		1,2-Dichloroethane	--	--	0.47	ND (<0.37)	ND (<0.28)	ND (<0.68)	ND (<0.18)	ND (<0.24)	ND (<72)	ND (<0.13)

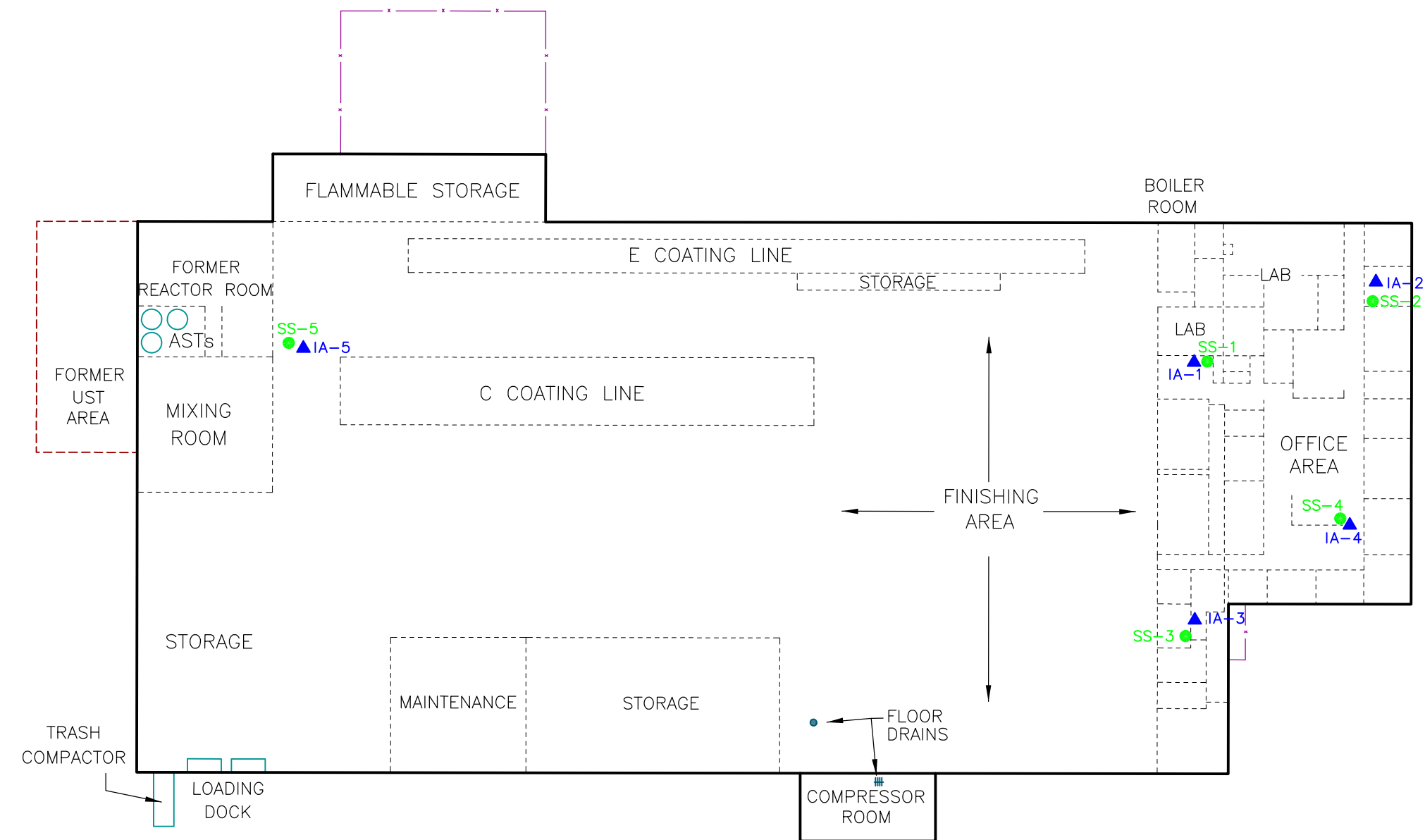
Notes:

1. USEPA Screening Levels from Vapor Intrusion Screening Level Calculator version 3.5.1, May 2016 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: January 2017 Sub-Slab Soil Vapor and Indoor Air Sampling Locations
Former PAXAR Facility
Orangeburg, New York**



100 State Street, Suite 600 Montpelier, VT 05602	
Drawn by: TJK	Date: 02/21/07
Reviewed by: CMT	Date: 02/21/07
Scale: As Shown	Project: 1-0145-15

Laboratory Analytical Reports

2/8/2017

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 #: 1701418A

Dear Mr. Chris Turner

The following report includes the data for the above referenced project for sample(s) received on 1/27/2017 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 to contact 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 #: 1701418A

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:	01/27/2017	CONTACT:	NY Ausha Scott
DATE COMPLETED:	02/08/2017		

<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	6.5 "Hg	6.4 psi
02A	IA-02	Modified TO-15 SIM	6.5 "Hg	5 psi
03A	IA-03	Modified TO-15 SIM	6.0 "Hg	5 psi
04A	IA-04	Modified TO-15 SIM	7.0 "Hg	5 psi
05A	IA-05	Modified TO-15 SIM	7.5 "Hg	5 psi
06A	OA-01	Modified TO-15 SIM	5.5 "Hg	5 psi
07A	IA-Dup	Modified TO-15 SIM	7.5 "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: 02/08/17

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-16-11, UT NELAP CA0093332016-7, VA NELAP - 8113, WA NELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2016, Expiration date: 10/17/2017.

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 SIM
The Johnson Company
Workorder# 1701418A**

Seven 6 Liter Summa Canister (SIM Certified) samples were received on January 27, 2017. 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

Sample IA-05 was diluted and transferred from SIM analysis to full scan TO-15 due to high levels of non-target compounds.

Dilution was performed on samples IA-01, IA-02, IA-03, IA-04, 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#: 1701418A-01A

No Detections Were Found.

Client Sample ID: IA-02

Lab ID#: 1701418A-02A

No Detections Were Found.

Client Sample ID: IA-03

Lab ID#: 1701418A-03A

No Detections Were Found.

Client Sample ID: IA-04

Lab ID#: 1701418A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.044	0.071	0.28	0.45

Client Sample ID: IA-05

Lab ID#: 1701418A-05A

No Detections Were Found.

Client Sample ID: OA-01

Lab ID#: 1701418A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.033	0.084	0.21	0.53

Client Sample ID: IA-Dup

Lab ID#: 1701418A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.060	0.072	0.38	0.45

Client Sample ID: IA-01

Lab ID#: 1701418A-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	20013013sim	Date of Collection:	1/24/17 6:06:00 PM
Dil. Factor:	4.58	Date of Analysis:	1/30/17 05:38 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.046	Not Detected	0.12	Not Detected
1,1-Dichloroethene	0.046	Not Detected	0.18	Not Detected
trans-1,2-Dichloroethene	0.46	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.092	Not Detected	0.37	Not Detected
cis-1,2-Dichloroethene	0.092	Not Detected	0.36	Not Detected
1,1,1-Trichloroethane	0.092	Not Detected	0.50	Not Detected
Carbon Tetrachloride	0.092	Not Detected	0.58	Not Detected
1,2-Dichloroethane	0.092	Not Detected	0.37	Not Detected
Trichloroethene	0.092	Not Detected	0.49	Not Detected
Tetrachloroethene	0.092	Not Detected	0.62	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	89	70-130



Air Toxics

Client Sample ID: IA-02

Lab ID#: 1701418A-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name: 20013014sim

Date of Collection: 1/24/17 5:59:00 PM

Dil. Factor: 3.42

Date of Analysis: 1/30/17 06:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.034	Not Detected	0.087	Not Detected
1,1-Dichloroethene	0.034	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.34	Not Detected	1.4	Not Detected
1,1-Dichloroethane	0.068	Not Detected	0.28	Not Detected
cis-1,2-Dichloroethene	0.068	Not Detected	0.27	Not Detected
1,1,1-Trichloroethane	0.068	Not Detected	0.37	Not Detected
Carbon Tetrachloride	0.068	Not Detected	0.43	Not Detected
1,2-Dichloroethane	0.068	Not Detected	0.28	Not Detected
Trichloroethene	0.068	Not Detected	0.37	Not Detected
Tetrachloroethene	0.068	Not Detected	0.46	Not Detected

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	90	70-130



Air Toxics

Client Sample ID: IA-03

Lab ID#: 1701418A-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name: 20013015sim

Date of Collection: 1/24/17 5:40:00 PM

Dil. Factor: 8.40

Date of Analysis: 1/30/17 07:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.084	Not Detected	0.21	Not Detected
1,1-Dichloroethene	0.084	Not Detected	0.33	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	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	Not Detected	1.0	Not Detected
1,2-Dichloroethane	0.17	Not Detected	0.68	Not Detected
Trichloroethene	0.17	Not Detected	0.90	Not Detected
Tetrachloroethene	0.17	Not Detected	1.1	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	88	70-130



Air Toxics

Client Sample ID: IA-04

Lab ID#: 1701418A-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name: 20013016sim

Date of Collection: 1/24/17 5:17:00 PM

Dil. Factor: 2.19

Date of Analysis: 1/30/17 08:56 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.022	Not Detected	0.056	Not Detected
1,1-Dichloroethene	0.022	Not Detected	0.087	Not Detected
trans-1,2-Dichloroethene	0.22	Not Detected	0.87	Not Detected
1,1-Dichloroethane	0.044	Not Detected	0.18	Not Detected
cis-1,2-Dichloroethene	0.044	Not Detected	0.17	Not Detected
1,1,1-Trichloroethane	0.044	Not Detected	0.24	Not Detected
Carbon Tetrachloride	0.044	0.071	0.28	0.45
1,2-Dichloroethane	0.044	Not Detected	0.18	Not Detected
Trichloroethene	0.044	Not Detected	0.24	Not Detected
Tetrachloroethene	0.044	Not Detected	0.30	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	88	70-130

Client Sample ID: IA-05

Lab ID#: 1701418A-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17020228	Date of Collection:	1/24/17 4:49:00 PM
Dil. Factor:	35.8	Date of Analysis:	2/3/17 04:12 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	18	Not Detected	46	Not Detected
1,1-Dichloroethene	18	Not Detected	71	Not Detected
trans-1,2-Dichloroethene	18	Not Detected	71	Not Detected
1,1-Dichloroethane	18	Not Detected	72	Not Detected
cis-1,2-Dichloroethene	18	Not Detected	71	Not Detected
1,1,1-Trichloroethane	18	Not Detected	98	Not Detected
Carbon Tetrachloride	18	Not Detected	110	Not Detected
1,2-Dichloroethane	18	Not Detected	72	Not Detected
Trichloroethene	18	Not Detected	96	Not Detected
Tetrachloroethene	18	Not Detected	120	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	93	70-130



Air Toxics

Client Sample ID: OA-01

Lab ID#: 1701418A-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name: 20013017sim

Date of Collection: 1/24/17 5:33:00 PM

Dil. Factor: 1.64

Date of Analysis: 1/30/17 09:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
1,1,1-Trichloroethane	0.033	Not Detected	0.18	Not Detected
Carbon Tetrachloride	0.033	0.084	0.21	0.53
1,2-Dichloroethane	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: IA-Dup

Lab ID#: 1701418A-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	20013018sim	Date of Collection:	1/24/17 6:17:00 PM
Dil. Factor:	2.98	Date of Analysis:	1/30/17 10:27 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.030	Not Detected	0.076	Not Detected
1,1-Dichloroethene	0.030	Not Detected	0.12	Not Detected
trans-1,2-Dichloroethene	0.30	Not Detected	1.2	Not Detected
1,1-Dichloroethane	0.060	Not Detected	0.24	Not Detected
cis-1,2-Dichloroethene	0.060	Not Detected	0.24	Not Detected
1,1,1-Trichloroethane	0.060	Not Detected	0.32	Not Detected
Carbon Tetrachloride	0.060	0.072	0.38	0.45
1,2-Dichloroethane	0.060	Not Detected	0.24	Not Detected
Trichloroethene	0.060	Not Detected	0.32	Not Detected
Tetrachloroethene	0.060	Not Detected	0.40	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: Lab Blank

Lab ID#: 1701418A-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	20013006sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/30/17 11:21 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	109	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	90	70-130

Client Sample ID: Lab Blank

Lab ID#: 1701418A-08B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17020207	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/2/17 03:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: CCV

Lab ID#: 1701418A-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	20013002sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/30/17 07:38 AM

Compound	%Recovery
Vinyl Chloride	84
1,1-Dichloroethene	76
trans-1,2-Dichloroethene	86
1,1-Dichloroethane	91
cis-1,2-Dichloroethene	85
1,1,1-Trichloroethane	90
Carbon Tetrachloride	121
1,2-Dichloroethane	105
Trichloroethene	90
Tetrachloroethene	86

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: CCV

Lab ID#: 1701418A-09B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17020202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/2/17 09:38 AM

Compound	%Recovery
Vinyl Chloride	117
1,1-Dichloroethene	106
trans-1,2-Dichloroethene	107
1,1-Dichloroethane	116
cis-1,2-Dichloroethene	110
1,1,1-Trichloroethane	102
Carbon Tetrachloride	102
1,2-Dichloroethane	110
Trichloroethene	106
Tetrachloroethene	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: LCS

Lab ID#: 1701418A-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	20013003sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/30/17 08:23 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	97	70-130
1,1-Dichloroethene	88	70-130
trans-1,2-Dichloroethene	107	70-130
1,1-Dichloroethane	98	70-130
cis-1,2-Dichloroethene	88	70-130
1,1,1-Trichloroethane	103	70-130
Carbon Tetrachloride	122	60-140
1,2-Dichloroethane	115	70-130
Trichloroethene	105	70-130
Tetrachloroethene	99	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCSD

Lab ID#: 1701418A-10AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name: 20013004sim

Date of Collection: NA

Dil. Factor: 1.00

Date of Analysis: 1/30/17 09:16 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	100	70-130
1,1-Dichloroethene	92	70-130
trans-1,2-Dichloroethene	111	70-130
1,1-Dichloroethane	102	70-130
cis-1,2-Dichloroethene	92	70-130
1,1,1-Trichloroethane	108	70-130
Carbon Tetrachloride	128	60-140
1,2-Dichloroethane	120	70-130
Trichloroethene	110	70-130
Tetrachloroethene	105	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: LCS

Lab ID#: 1701418A-10B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17020203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/2/17 10:05 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	121	70-130
1,1-Dichloroethene	107	70-130
trans-1,2-Dichloroethene	119	70-130
1,1-Dichloroethane	115	70-130
cis-1,2-Dichloroethene	100	70-130
1,1,1-Trichloroethane	103	70-130
Carbon Tetrachloride	102	70-130
1,2-Dichloroethane	110	70-130
Trichloroethene	107	70-130
Tetrachloroethene	102	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: LCSD

Lab ID#: 1701418A-10BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	17020204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/2/17 10:32 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	120	70-130
1,1-Dichloroethene	107	70-130
trans-1,2-Dichloroethene	117	70-130
1,1-Dichloroethane	115	70-130
cis-1,2-Dichloroethene	100	70-130
1,1,1-Trichloroethane	102	70-130
Carbon Tetrachloride	103	70-130
1,2-Dichloroethane	108	70-130
Trichloroethene	109	70-130
Tetrachloroethene	102	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

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 2Project Manager Chris TurnerCollected by: (Print and Sign) Bob Osborne (TRO)Company The Johnson Co Email CMT@JCOMAIL.COMAddress 100 State St. Suite 600 City Montpelier State VT Zip 05602Phone (802) 229-4600 Fax _____

Project Info:

P.O. # _____

Project # 1-0145-15Project 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)
01A	IA-01	N0448	1/24/2017	0941-1806	TO-15 SIM Short List	-30"	-7.5"		
02A	IA-02	6L1219		0940-1759		-30"	-7.0"		
03A	IA-03	N0419		0933-1740		-30"	-7.5"		
04A	IA-04	0330		0937-1717		-30"	-7.5"		
05A	IA-05	4387		0924-1649		-30"	-7.0"		
06A	OA-01	N0425	✓	0957-1733	✓	-30"	-7.0"		
07A	IA-Dup	N1732	1/24/2017	1037-1817	TO-15 SIM Short List	-29"	-7.0"		

Relinquished by: (signature) [Signature] Date/Time 1/24/17 1200Received by: (signature) [Signature] Date/Time 1/27/17 1040

Notes: Short List: PCE, TCE, cis-1,2 DCE, trans-1,2 DCE, 1,1-DCE, Vinyl Chloride, 1,1,1-TCA, 1,1-DCA, Carbon tetrachloride, 1,2-DCA

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	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fed Ex		NA	Good	☒ Yes ☐ No ☐ None	1701418

2/7/2017

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 #: 1701418B

Dear Mr. Chris Turner

The following report includes the data for the above referenced project for sample(s) received on 1/27/2017 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 to contact 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 #: 1701418B

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: 01/27/2017

CONTACT: NY
Ausha Scott

DATE COMPLETED: 02/07/2017

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
08A	SS-Dup	Modified TO-15	6.0 "Hg	5 psi
09A	SS-01	Modified TO-15	7.0 "Hg	5 psi
10A	SS-02	Modified TO-15	7.5 "Hg	5 psi
11A	SS-03	Modified TO-15	6.5 "Hg	5 psi
12A	SS-04	Modified TO-15	8.0 "Hg	5 psi
13A	SS-05	Modified TO-15	6.5 "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: 02/07/17

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-16-11, UT NELAP CA0093332016-7, VA NELAP - 8113, WA NELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2016, Expiration date: 10/17/2017.

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# 1701418B

Six 6 Liter Summa Canister (SIM Certified) samples were received on January 27, 2017. 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-Dup

Lab ID#: 1701418B-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethene	0.17	0.19	0.67	0.75
1,1-Dichloroethane	0.17	18	0.68	75
1,1,1-Trichloroethane	0.17	2.5	0.92	14
Carbon Tetrachloride	0.17	0.90	1.0	5.6
Trichloroethene	0.17	2.1	0.90	11
Tetrachloroethene	0.17	19	1.1	130

Client Sample ID: SS-01

Lab ID#: 1701418B-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
cis-1,2-Dichloroethene	0.18	0.86	0.69	3.4
1,1,1-Trichloroethane	0.18	0.19	0.95	1.0
Trichloroethene	0.18	5.2	0.94	28
Tetrachloroethene	0.18	22	1.2	150

Client Sample ID: SS-02

Lab ID#: 1701418B-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.18	0.71	1.2	4.8

Client Sample ID: SS-03

Lab ID#: 1701418B-11A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Carbon Tetrachloride	0.17	0.17 J	1.1	1.0 J
Trichloroethene	0.17	0.17 J	0.92	0.90 J
Tetrachloroethene	0.17	1.1	1.2	7.3

Client Sample ID: SS-04

Lab ID#: 1701418B-12A

Summary of Detected Compounds

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SS-04

Lab ID#: 1701418B-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.18	1.1	1.2	7.3

Client Sample ID: SS-05

Lab ID#: 1701418B-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	0.17	18	0.69	74
1,1,1-Trichloroethane	0.17	2.4	0.93	13
Carbon Tetrachloride	0.17	0.82	1.1	5.2
Trichloroethene	0.17	1.9	0.92	10
Tetrachloroethene	0.17	19	1.2	130



Air Toxics

Client Sample ID: SS-Dup

Lab ID#: 1701418B-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013011	Date of Collection:	1/25/17 6:24:00 PM
Dil. Factor:	1.68	Date of Analysis:	1/30/17 05:48 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	0.19	0.67	0.75
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
1,1-Dichloroethane	0.17	18	0.68	75
cis-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
1,1,1-Trichloroethane	0.17	2.5	0.92	14
Carbon Tetrachloride	0.17	0.90	1.0	5.6
1,2-Dichloroethane	0.17	Not Detected	0.68	Not Detected
Trichloroethene	0.17	2.1	0.90	11
Tetrachloroethene	0.17	19	1.1	130

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	111	70-130



Air Toxics

Client Sample ID: SS-01

Lab ID#: 1701418B-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013012	Date of Collection:	1/25/17 5:15:00 PM
Dil. Factor:	1.75	Date of Analysis:	1/30/17 06:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.18	Not Detected	0.45	Not Detected
1,1-Dichloroethene	0.18	Not Detected	0.69	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
1,1-Dichloroethane	0.18	Not Detected	0.71	Not Detected
cis-1,2-Dichloroethene	0.18	0.86	0.69	3.4
1,1,1-Trichloroethane	0.18	0.19	0.95	1.0
Carbon Tetrachloride	0.18	Not Detected	1.1	Not Detected
1,2-Dichloroethane	0.18	Not Detected	0.71	Not Detected
Trichloroethene	0.18	5.2	0.94	28
Tetrachloroethene	0.18	22	1.2	150

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	111	70-130



Air Toxics

Client Sample ID: SS-02

Lab ID#: 1701418B-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013013	Date of Collection:	1/25/17 6:00:00 PM
Dil. Factor:	1.79	Date of Analysis:	1/30/17 07:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.18	Not Detected	0.46	Not Detected
1,1-Dichloroethene	0.18	Not Detected	0.71	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.71	Not Detected
1,1-Dichloroethane	0.18	Not Detected	0.72	Not Detected
cis-1,2-Dichloroethene	0.18	Not Detected	0.71	Not Detected
1,1,1-Trichloroethane	0.18	Not Detected	0.98	Not Detected
Carbon Tetrachloride	0.18	Not Detected	1.1	Not Detected
1,2-Dichloroethane	0.18	Not Detected	0.72	Not Detected
Trichloroethene	0.18	Not Detected	0.96	Not Detected
Tetrachloroethene	0.18	0.71	1.2	4.8

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	114	70-130



Air Toxics

Client Sample ID: SS-03

Lab ID#: 1701418B-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013014	Date of Collection:	1/25/17 5:57:00 PM
Dil. Factor:	1.71	Date of Analysis:	1/30/17 07:51 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.17	Not Detected	0.44	Not Detected
1,1-Dichloroethene	0.17	Not Detected	0.68	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
1,1-Dichloroethane	0.17	Not Detected	0.69	Not Detected
cis-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
1,1,1-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Carbon Tetrachloride	0.17	0.17 J	1.1	1.0 J
1,2-Dichloroethane	0.17	Not Detected	0.69	Not Detected
Trichloroethene	0.17	0.17 J	0.92	0.90 J
Tetrachloroethene	0.17	1.1	1.2	7.3

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	115	70-130



Air Toxics

Client Sample ID: SS-04

Lab ID#: 1701418B-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013015	Date of Collection:	1/25/17 6:06:00 PM
Dil. Factor:	1.83	Date of Analysis:	1/30/17 08:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.18	Not Detected	0.47	Not Detected
1,1-Dichloroethene	0.18	Not Detected	0.72	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
1,1-Dichloroethane	0.18	Not Detected	0.74	Not Detected
cis-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected
1,1,1-Trichloroethane	0.18	Not Detected	1.0	Not Detected
Carbon Tetrachloride	0.18	Not Detected	1.2	Not Detected
1,2-Dichloroethane	0.18	Not Detected	0.74	Not Detected
Trichloroethene	0.18	Not Detected	0.98	Not Detected
Tetrachloroethene	0.18	1.1	1.2	7.3

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	115	70-130



Air Toxics

Client Sample ID: SS-05

Lab ID#: 1701418B-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013016	Date of Collection:	1/25/17 5:24:00 PM
Dil. Factor:	1.71	Date of Analysis:	1/30/17 09:23 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.17	Not Detected	0.44	Not Detected
1,1-Dichloroethene	0.17	Not Detected	0.68	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
1,1-Dichloroethane	0.17	18	0.69	74
cis-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected
1,1,1-Trichloroethane	0.17	2.4	0.93	13
Carbon Tetrachloride	0.17	0.82	1.1	5.2
1,2-Dichloroethane	0.17	Not Detected	0.69	Not Detected
Trichloroethene	0.17	1.9	0.92	10
Tetrachloroethene	0.17	19	1.2	130

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	115	70-130

Client Sample ID: Lab Blank

Lab ID#: 1701418B-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013010	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/30/17 03:26 PM

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	116	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	114	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1701418B-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013007	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/30/17 12:28 PM

Compound	%Recovery
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Vinyl Chloride	72
1,1-Dichloroethene	86
trans-1,2-Dichloroethene	84
1,1-Dichloroethane	75
cis-1,2-Dichloroethene	81
1,1,1-Trichloroethane	103
Carbon Tetrachloride	101
1,2-Dichloroethane	101
Trichloroethene	89
Tetrachloroethene	94

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	114	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1701418B-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013008	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/30/17 01:21 PM

Compound	%Recovery	Method Limits
Vinyl Chloride	76	70-130
1,1-Dichloroethene	91	70-130
trans-1,2-Dichloroethene	94	70-130
1,1-Dichloroethane	77	70-130
cis-1,2-Dichloroethene	80	70-130
1,1,1-Trichloroethane	111	70-130
Carbon Tetrachloride	108	70-130
1,2-Dichloroethane	102	70-130
Trichloroethene	92	70-130
Tetrachloroethene	100	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	120	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1701418B-16AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v013009	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 1/30/17 02:05 PM

Compound	%Recovery	Method Limits
Vinyl Chloride	75	70-130
1,1-Dichloroethene	89	70-130
trans-1,2-Dichloroethene	96	70-130
1,1-Dichloroethane	77	70-130
cis-1,2-Dichloroethene	80	70-130
1,1,1-Trichloroethane	110	70-130
Carbon Tetrachloride	108	70-130
1,2-Dichloroethane	102	70-130
Trichloroethene	92	70-130
Tetrachloroethene	96	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	114	70-130



Air Toxics

Sample Transportation Notice

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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 (TRO)
Company The Johnson Co Email CMT@JCO.MAIL.COM
Address 100 State St. Suite 600 City Montpelier State VT Zip 05602
Phone (802) 229-4600 Fax _____

Project Info:

P.O. # _____

Project # 1-0145-15Project 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-Dup	0458	1/25/2017	1044-1824	TO-15 *Short List	-30"	-7.0"		
09A	SS-01	00459		1018-1715		-29"	-6.5"		
10A	SS-02	00116		1046-1800		-29"	-8.0"		
11A	SS-03	34017		1005-1757		-30"	-7.0"		
12A	SS-04	34499		1056-1806		-27"	-8.0"		
13A	SS-05	34407	1/25/2017	0944-1724	TO-15 *Short List	-30"	-7.5"		

Relinquished by: (signature) [Signature] Date/Time 1/24/17 1200Received by: (signature) [Signature] Date/Time 1/27/17 1040Notes: Short List: PCE, TCE
C13-1,2-DCE, trans-1,2 DCE, 1,1-DCE
Vinyl Chloride, 1,1,1-TCA, 1,1-DCA
Carbon Tetrachloride 1,2-DCA

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	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		NA	Good	☒ Yes ☐ No ☐ None	1701418