The Johnson Company ENVIRONMENTAL SCIENCE AND ENGINEERING SOLUTIONS

ph (802) 229-4600
fax (802) 229-5876
100 State Street, Suite 600
Montpelier, VT 05602
www.johnsonco.com

December 23, 2011

VIA FEDERAL EXPRESS – RETURN RECEIPT REQUESTED

Mr. David Brownlee
Unit Coordinator
Response and Remediation Program
Environmental Protection Division
Georgia Department of Natural Resources
2 Martin Luther King, Jr. Drive
Suite 1462, East Tower
Atlanta, GA 30334-9000

Re: Voluntary Investigation and Remediation Plan Application
Avery Dennison Facility – Flowery Branch, GA - HSI #10578

Mr. Brownlee:

On behalf of Avery Dennison, please find attached the following documents that are applicable to the above-referenced site:

- a completed Voluntary Investigation and Remediation Plan Application (VRPA) Form and Checklist;
- a check in the amount of $5,000 payable to the Georgia Department of Natural Resources, which is to serve as payment of the application fee; and
- one (1) paper copy and (2) compact disc (CD) copies of the Voluntary Remediation Plan (VRP) prepared on behalf of Avery Dennison.

The most recent submittal to the Environmental Protection Division (EPD) for the above-referenced site is the November 23, 2011 response to EPD's June 30, 2011 comments on the March 2010 Compliance Status Report (CSR). EPD has not yet provided a response to the November 23, 2011 communication.

A Corrective Action Plan (CAP) Addendum was due to EPD on or before December 30, 2011. However, this VRPA is being submitted in proposed substitution of the CAP Addendum.

The Professional Engineer (P.E.) that will oversee implementation of the VRP is Mr. Joel Behrsing, P.E. 033869. Mr. Behrsing has been actively involved with the site since 2007, and was the certifying P.E. for the March 2010 CSR and May 2010 CAP for the site. He is the technical lead on the project for design and implementation of the upcoming multi-phase extraction remedy, and has billed 349.5 hours to the project in 2011. Since the most recent submission to EPD one month ago, Mr. Behrsing has billed 8.0 hours to the project for oversight and final review of the VRP document.

If you have any questions regarding the enclosed responses to comments, please do not hesitate to contact Bruce Martin, Manager of Remediation Services for Avery Dennison, at (508)383-3010.

Sincerely,

THE JOHNSON COMPANY, INC.
By:

Joel Behrsing, P.E. (PE033869)
Senior Engineer

Glen A. Kirkpatrick
Vice President

cc: Bruce Martin, Manager, Remediation Services – Global Risk, Avery Dennison

Attachment

Voluntary Investigation and Remediation Plan Application Form and Checklist

VRP APPLICANT INFORMATION					
COMPANY NAME	Avery Dennison Corporation				
CONTACT PERSON/TITLE	Mr. Bruce Martin, Corporate Manager - Environmental Remediation Services				
ADDRESS	7 Bishop Street, Farmingham, MA 01702				
PHONE	508-383-3010	FAX	N/A	E-MAIL	bruce.martin@averydennison.com

GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP					
NAME	Joel Behrsing, PE			GA PE/PG NUMBER	PE033869
COMPANY	The Johnson Company, Inc.				
ADDRESS	100 State Street, Suite 600, Montpelier, VT 05602				
PHONE	802-229-4600	FAX	802-229-5876	E-MAIL	j-b@jcomail.com

APPLICANT'S CERTIFICATION

In order to be considered a qualifying property for the VRP:

(1) The property must have a release of regulated substances into the environment;
(2) The property shall not be:
- (A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.
- (B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or
- (C) A facility required to have a permit under Code Section 12-8-66.

(3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.
(4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.

In order to be considered a participant under the VRP:
- (1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.
- (2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.

APPLICANT'S SIGNATURE	Bruce A Martin		
APPLICANT'S NAME/TITLE (PRINT)	BRUCE MARTIN - CORP. MGR REMEDIATION	DATE	12-16-11

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)			
HSI Number	10578	Date HSI Site listed	September 14, 1999
HSI Facility Name	Avery Dennison	NAICS CODE	322299
PROPERTY INFORMATION			
TAX PARCEL ID	08073 000003D	PROPERTY SIZE (ACRES)	30.10
PROPERTY ADDRESS	4350 Avery Drive		
CITY	Flowery Branch	COUNTY	Hall
STATE	Georgia	ZIPCODE	30542
LATITUDE (decimal format)	34.201342	LONGITUDE (decimal format)	83.899264
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	Avery Dennison Corporation	PHONE #	(508)-383-3010
MAILING ADDRESS	150 North Orange Grove Blvd.		
CITY	Pasadena	STATE/ZIPCODE	CA / 91103

ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	**$5,000 APPLICATION FEE** IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)	Date: 12/19/11 Check 006059 issued by The Johnson Company, Inc.	
2.	**WARRANTY DEED(S)** FOR QUALIFYING PROPERTY.	Appendix A	
3.	**TAX PLAT** OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	Figure 1-2	
4.	**ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES** OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	Attached	
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a **PROJECTED MILESTONE SCHEDULE** for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-annual status report to the director describing implementation of the plan	CSM: Described in Section 3.0, and shown on Figure 3-1, Figure 3-2, and Figure 3.3. Also described in the March 2010 CSR provided in Appendix B. Risk Reduction Standards are tabulated in Appendix C. Implementation Schedule: Figure 8-1	

	during the preceding period. A Gantt chart format is preferred for the milestone schedule. The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	Figure 8-1	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	Figure 8-1	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	Figure 8-1	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	Figure 8-1	
6.	**SIGNED AND SEALED PE/PG CERTIFICATION** AND SUPPORTING DOCUMENTATION: "I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances. Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." Joel Behrsing PE 033869 — Printed Name and GA PE/PG Number 12/23/2011 — Date Signature and Stamp GEORGIA REGISTERED No. PE 033869 PROFESSIONAL ENGINEER JOEL BEHRSING		

VOLUNTARY REMEDIATION PLAN APPLICATION

VOLUNTARY REMEDIATION PROGRAM

Avery Dennison Facility
4350 Avery Drive
Flowery Branch, GA
HSI #10578

December 2011

The Johnson Company

ENVIRONMENTAL SCIENCE AND ENGINEERING SOLUTIONS

PARTNERS FOR SMART THINKING AND CREATIVE STRATEGIES

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1.0 INTRODUCTION

On behalf of Avery Dennison Corporation (Avery), this Voluntary Remediation Plan Application (VRPA) has been prepared by The Johnson Company (JCO) for property owned by Avery that is located at 4350 Avery Drive, Flowery Branch, Hall County, Georgia (the Property). The location of the Property is shown in Figure 1-1. The VRPA is being submitted for review by the Georgia Environmental Protection Division (EPD) and approval of the Property's participation in the Voluntary Remediation Program (the VRP).

The Avery property meets the criteria of a "qualifying property" as defined by the Voluntary Remediation Program Act (VRPA). The Property is currently listed on the Hazardous Site Inventory (HSI No. 10578) for releases of chlorinated compounds in soil and groundwater. The Property is not listed on the federal National Priorities List; is not undergoing response activities required by the United States Environmental Protection Agency (USEPA); and is not a facility required to have a permit under O.C.G.A. 12-8-66. Qualifying the Property under the VRP would not violate the terms and conditions under which the EPD operates and administers remedial programs by delegation or similar authorization from EPA, and no liens have been filed against the Property pursuant to O.C.G.A. 12-8-96(e) or 12-13-12(b).

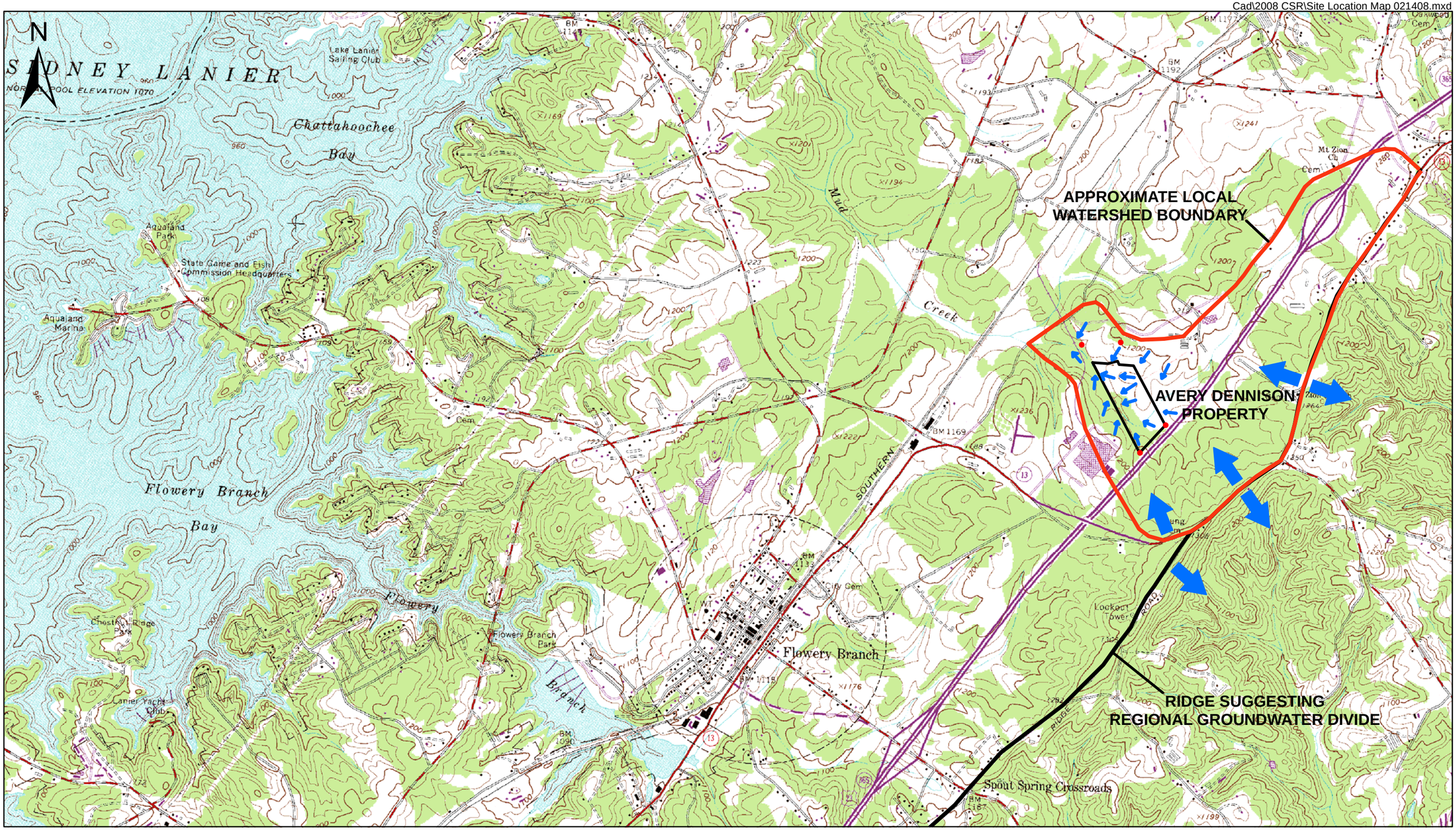
The Property is identified by the Hall County Geographical Information System (GIS) as parcel 08073 000003D, which is shown on Figure 1-2. The Warranty Deed and tax map information for the Property is provided in Appendix A.

A detailed and comprehensive history and description of the Property use is provided in the Compliance Status Report (CSR) submitted to EPD on March 30, 2010 (see Appendix B). Figure 1-3 shows a plan view of the current Property layout. The Property was developed in 1975 and is currently improved by two large attached buildings of approximately 114,000 square feet each; two outside mezzanines; an inactive railroad spur; three asphalt-paved parking areas; and a stormwater retention pond, which drains via a drop inlet and overflow spillway to an

unnamed tributary to Mud Creek (unnamed tributary), and which flows westward onto the abutting parcel. Because of its controlled headwater reservoir, the unnamed tributary flows continuously, and peak flows are dampened considerably.

The buildings at the Property have been vacant since 2006, with the exception of a small portion of one building (see Figure 1-3), which is used as office space and a research area for radio frequency identification tags. The property receives its water supply from the City of Gainesville and, since 2009, discharges sanitary sewage to the public sewer. The former sanitary septic system was decommissioned by Avery in spring 2009, and its location and configuration are described in the CSR (see Appendix B) and other historical reports referenced in the CSR.

Cad\2008 CSR\Site Location Map 021408.mxd



0 0.5 1 2

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000

FEET

CONTOUR INTERVAL: 20 FEET

KEY

LOCAL GROUNDWATER FLOW DIRECTION

REGIONAL GROUNDWATER FLOW DIRECTION

BASE MAP: USGS 7.5 Minute Topographic Quadrangle, FLOWERY BRANCH, GEORGIA (1982)

FIGURE 1-1: LOCATION MAP
AVERY DENNISON PROPERTY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS	Date: 2/14/08
Reviewed by: GAK	Date: 3/3/08
Scale: 1"=2000'	Project: 1-0145-4

P:
TJKCAD
JCO
LOGO_N11x17H-3.dwg

FIGURE 1-2: PARCEL IDENTIFICATION MAP
AVERY DENNISON AND VICINITY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DPB	Date: 12/15/11
Chk'd by: GAK	Date: 12/15/11
App'd by: GAK	Date: 12/15/11
Scale: As Shown	Project: 1-0145-4

REVISED 05/19/10 TJK
REVISED 02/15/11 TJK
REVISED 12/01/11 TJK

N/F
BALDOR

N/F
WRIGLEY

INTERSTATE HWY 985
SR 365

STATE PLANE

AVERY DRIVE

CHAIN LINK FENCE

FLUME

CHAIN LINK FENCE 7' HIGH W/ AUTO GATE

CURRENT AVERY DENNISON PROPERTY BOUNDARY

CONCRETE

ASPHALT PARKING

ASPHALT

APPROXIMATE AREA OF CURRENT USAGE

WATER TANK

PUMP ROOM

NORTH MEZZANINE

SOUTH MEZZANINE

EDGE OF VEGETATION

CENTER LINE OF DRIFT

POND

1991 TR-111 Release Area

Drop Inlet

SPILLWAY

OUTFALL #5

OUTFALL #4

OUTFALL #3

OUTFALL #2

OUTFALL #1 (On Cobble)

Former Main Septic Tank

GRAVEL DRIVE

WEST CULVERT

UNNAMED TRIBUTARY TO MUD CREEK

SBW-1

SBW-2

SBW-3

SBW-4

SBW-5

SBW-6

SBW-7

SBW-8

SBW-9

SBW-10

SUBDIVISION APPROXIMATE BOUNDARY - SUBDIVIDED SEPTEMBER 2007 (per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

BARBED WIRE FENCE

12"PVC

18"RCP

15"RCP

24"CMP

CMF

LEGEND

- PROPERTY LINE
- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- DRAINAGE FEATURE AND DIRECTION OF FLOW
- DROP INLET
- CMF — CONCRETE MONUMENT FOUND
- IRON PIN FOUND
- APPROXIMATE AREA OF CURRENT USAGE
- GROUND ELEVATION (10-FT. MAJOR INTERVALS)
- GROUND ELEVATION (2-FT. MINOR INTERVALS)

Base map: "Survey for The Johnson Company, Inc., Avery Dennison Facility, Avery Drive" by Transportation Systems Design, Inc. 1/24/2005

SCALE IN FEET

100 0 100 200 300

GRAPHIC SCALE - FEET

FIGURE 1-3
AVERY DENNISON PROPERTY LAYOUT

FLOWERY BRANCH, GEORGIA

Cad\2008 CSR\2008 CSR Facility Layout 030308.dwg

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/14/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

2.0 SITE HISTORY AND CURRENT STATUS

Avery notified the Georgia Environmental Protection Division (EPD) of four historical releases at the Property in a Hazardous Site Release Act (HSRA) Release Notification Form dated March 3, 1994, and a supplemental notification provided to EPD on June 29, 1998. The releases are associated with the former manufacturing use of TR-111, a mixture of volatile organic compounds (VOC) that is primarily comprised of 1,1,1-trichloroethane (1,1,1-TCA). The Property was placed on the HSI on September 14, 1999 as Site #10578.

Site investigations were performed on Avery's behalf by ERM Southeast (ERM) and Premier Environmental Services, LLC (Premier) up to and including submission of a Compliance Status Report in September 2003, to which EPD provided comments in February 2004. Avery subsequently hired JCO to perform a comprehensive site investigation in 2004-2005 that was based on updated site reconnaissance. Revision 1 of the Compliance Status Report was submitted to EPD in November 2005, to which EPD provided comments to Avery in March 2007. Additional site investigations were performed by JCO in 2007 to address EPD's comments, and to gather additional data necessary to evaluate corrective action alternatives. Results from the 2007 additional investigations were reported in Revision 2 of the Compliance Status Report, which was submitted to EPD in March 2008, and to which EPD provided comments in January 2009. Additional investigations were performed by JCO in 2009, and Revision 3 of the Compliance Status Report (described herein as the CSR and included as Appendix B to this VRPA) was prepared and submitted to EPD in March 2010.

On June 30, 2011, EPD provided comments on the CSR, including requests to revise the Risk Reduction Standards (RRS) due to updates for input criteria that were published by USEPA and EPD after the CSR was submitted, and to update the delineation of 1,4-dioxane in groundwater using laboratory detection limits lower than the applicable updated RRS. Avery's response to the EPD comments, including a complete listing of updated RRS calculations, was provided to EPD on November 23, 2011 and is included herein as Appendix C.

The CSR is based on multiple data sets collected during a comprehensive stage-wise investigation involving several different media: soil vapor, soil, sediment, groundwater, and surface water; and three different geologic units: unconsolidated deposits, weathered bedrock, and bedrock. The CSR is based on the results of 26 soil vapor samples, 308 soil samples, 17 sediment samples, and several comprehensive groundwater and surface water sampling events using the existing comprehensive network of monitoring wells at the site. The resultant Site Conceptual Model is presented in Section 3.0 of this document. The CSR also demonstrates delineation of site constituents in soil and groundwater to the practical quantitation limit of the laboratory, or background concentrations; and describes methods used for development of applicable RRS for soil and groundwater the Property.

Since the Property and an adjacent property impacted by site constituents, owned by Wrigley Manufacturing Company, LLC (Wrigley), are used for non-residential purposes, Type 3/4 RRS apply. As described in Section 4.0 of this document, no constituents are present in soil or sediment above applicable RRS. Applicable RRS are exceeded only in groundwater, for seven VOC: 1,1-dichloroethene (1,1-DCE) and vinyl chloride (VC), which are degradation products of 1,1,1-TCA, the primary component of the released TR-111 mixture; and PCE, TCE, 1,1,2-TCA, 1,4-dioxane, and carbon tetrachloride, which are attributed to minor fractions of the source TR-111 mixture. Table 2-1 provides a summary of the RRS exceedences in groundwater documented prior to and since submission of the CSR, and the zones of RRS exceedence are presented and discussed in Section 3.0 and 4.0. No site constituents are present in surface water at concentrations above applicable In-Stream Water Quality Criteria (ISWQC), as defined by Georgia Rules & Regulations for Water Quality Control, Chapter 391-3-6.03.

A Corrective Action Plan (CAP) was submitted to EPD on May 28, 2010. Following the CAP submission, Avery, with the verbal approval of EPD, voluntarily proceeded with pilot testing of multi-phase extraction (MPE) technology for consideration for full-scale application to the source of site constituents that is present near the southern corner of the building (see Section

3.2). The pilot test activities are described in the Southern Source Area Multi-Phase Extraction Pilot Test Report that was submitted to EPD in May 2011, and which is included in this VRPA as Appendix D. Following the successful pilot test activities, Avery proactively commenced installation of the subsurface infrastructure, i.e., extraction wells, for a full-scale MPE system (see Section 5.0) in May 2011, and Avery is now seeking a pretreatment water effluent discharge permit for the treated groundwater that will be generated by an operating full-scale MPE system. Given the period of time necessary to obtain a water effluent discharge permit, Avery temporarily configured the installed MPE infrastructure as a soil vapor extraction (SVE) system and began operating it in July 2011. Once the water effluent discharge permit is obtained and the groundwater treatment system is installed, the infrastructure will be completed for the MPE system and its operation will commence.

Also following the CAP submission, Avery performed the routine semi-annual groundwater and surface water monitoring prescribed by the CAP. The resultant data are provided in Appendix E and are considered for the Site Conceptual Model and the extent of RRS exceedences described in this VRPA.

On June 23, 2011, EPD provided contingent approval of the CAP and requested that the CAP Addendum be submitted to EPD by December 30, 2011. However, this VRPA is being submitted in proposed substitution of the CAP and the CAP Addendum.

Table 2-1
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
November 2004 - February 2011
Avery Dennison Facility
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS (per Appendix C)	Result	Units
BR-6	6/8/2005	1,1-Dichloroethene	524	530	ug/L
BR-6	6/23/2006	Vinyl chloride	3.3	3.7	µg/L
BR-6	6/23/2006	1,1-Dichloroethene	524	2800	µg/L
BR-6	10/9/2006	1,1-Dichloroethene	524	2100	µg/L
BR-6	2/20/2007	1,1-Dichloroethene	524	2100	µg/L
BR-6	5/19/2007	1,1-Dichloroethene	524	2600	µg/L
BR-6	5/19/2007	1,1-Dichloroethene	524	2100	µg/L
BR-6	10/27/2007	1,1-Dichloroethene	524	1300	µg/L
BR-6	10/31/2007	1,1-Dichloroethene	524	2000	µg/L
BR-6	10/31/2007	1,1-Dichloroethene	524	1500	µg/L
BR-6	10/31/2007	1,1-Dichloroethene	524	3500	µg/L
BR-6	10/31/2007	1,1-Dichloroethene	524	1100	µg/L
BR-6	10/31/2007	1,1-Dichloroethene	524	2300	µg/L
BR-6	10/31/2007	1,1-Dichloroethene	524	2300	µg/L
BR-6	11/1/2007	1,1-Dichloroethene	524	2000	µg/L
BR-6	11/1/2007	1,1-Dichloroethene	524	2200	µg/L
BR-20	11/3/2007	1,1-Dichloroethene	524	2800	µg/L
BR-20	11/3/2007	Vinyl chloride	3.3	5.6	µg/L
BR-20	6/8/2009	1,1-Dichloroethene	524	1080	ug/L
BR-20	10/15/2009	1,1-Dichloroethene	524	1400	ug/L
BR-20	2/7/2011	1,1-Dichloroethene	524	920	ug/l
BR-21	11/3/2007	1,1-Dichloroethene	524	1700	µg/L
BR-21	6/4/2009	1,1-Dichloroethene	524	570	ug/L
MW-12	11/3/2004	Vinyl chloride	3.3	5.6	ug/L
MW-12	5/20/2005	Vinyl chloride	3.3	4.4	ug/L
MW-12	6/23/2006	Vinyl chloride	3.3	9.4	µg/L
MW-12	10/9/2006	Vinyl chloride	3.3	4.7	µg/L
MW-12	2/21/2007	Vinyl chloride	3.3	12	µg/L
MW-12	5/19/2007	Vinyl chloride	3.3	14	µg/L
MW-12	10/25/2007	Vinyl chloride	3.3	21	µg/L
MW-12	6/6/2009	Vinyl chloride	3.3	4.7	ug/L
MW-18D	7/2/2002	1,1-Dichloroethene	524	680	ug/L
MW-18D	4/22/2003	1,1-Dichloroethene	524	1200	ug/L
MW-18D	8/1/2003	1,1-Dichloroethene	524	650	ug/L
MW-18D	11/5/2004	1,1-Dichloroethene	524	2200	ug/L
MW-18D	11/5/2004	1,1-Dichloroethene	524	2300	ug/L
MW-18D	5/21/2005	1,1-Dichloroethene	524	1100	ug/L
MW-18D	5/21/2005	1,1-Dichloroethene	524	990	ug/L
MW-18D	6/24/2006	1,1-Dichloroethene	524	3600	µg/L
MW-18D	10/9/2006	1,2-Dichloroethane	5	6.6	µg/L
MW-18D	10/9/2006	1,1-Dichloroethene	524	3100	µg/L
MW-18D	2/21/2007	1,2-Dichloroethane	5	6.8	µg/L
MW-18D	2/21/2007	1,1-Dichloroethene	524	3500	µg/L

Table 2-1
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
November 2004 - February 2011
Avery Dennison Facility
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS (per Appendix C)	Result	Units
MW-18D	5/19/2007	1,1-Dichloroethene	524	4100	µg/L
MW-18D	5/19/2007	1,1-Dichloroethene	524	3000	µg/L
MW-18D	10/27/2007	1,1-Dichloroethene	524	3000	µg/L
MW-18D	10/27/2007	1,2-Dichloroethane	5	5.6	µg/L
MW-18D	6/4/2009	1,1-Dichloroethene	524	1300	ug/L
MW-18D	10/14/2009	1,1-Dichloroethene	524	1190	ug/L
MW-19D	6/22/2006	Vinyl chloride	3.3	4.2	µg/L
MW-19D	6/22/2006	1,1-Dichloroethene	524	2300	µg/L
MW-19D	10/7/2006	Vinyl chloride	3.3	3.7	µg/L
MW-19D	10/7/2006	1,1-Dichloroethene	524	2700	µg/L
MW-19D	2/20/2007	1,1-Dichloroethene	524	2300	µg/L
MW-19D	5/19/2007	1,1-Dichloroethene	524	2200	µg/L
MW-19D	5/19/2007	Tetrachloroethene	5	7	µg/L
MW-19D	10/27/2007	Vinyl chloride	3.3	3.5	µg/L
MW-19D	10/27/2007	1,1-Dichloroethene	524	1200	µg/L
MW-23	11/4/2004	Vinyl chloride	3.3	16	ug/L
MW-23	11/4/2004	1,1-Dichloroethene	524	780	ug/L
MW-23	5/20/2005	Vinyl chloride	3.3	8.9	ug/L
MW-23	6/23/2006	Vinyl chloride	3.3	7.7	µg/L
MW-23	10/7/2006	Vinyl chloride	3.3	6.9	µg/L
MW-23	5/17/2007	Vinyl chloride	3.3	5.3	µg/L
MW-23	10/25/2007	Vinyl chloride	3.3	23	µg/L
MW-23	10/16/2009	Vinyl chloride	3.3	9.5	ug/L
MW-23	11/4/2010	Vinyl chloride	3.3	13	ug/l
MW-3	2/2/2002	1,1-Dichloroethene	524	1700	ug/L
MW-3	4/23/2003	1,1-Dichloroethene	524	4000	ug/L
MW-3	8/4/2003	1,1-Dichloroethene	524	2800	ug/L
MW-3	11/4/2004	Vinyl chloride	3.3	9.2	ug/L
MW-3	11/4/2004	1,1-Dichloroethene	524	2300	ug/L
MW-3	5/19/2005	1,1-Dichloroethene	524	3800	ug/L
MW-3	5/19/2005	Vinyl chloride	3.3	8.9	ug/L
MW-3	6/23/2006	Vinyl chloride	3.3	12	µg/L
MW-3	6/23/2006	1,1-Dichloroethene	524	2300	µg/L
MW-3	10/9/2006	1,1-Dichloroethene	524	2000	µg/L
MW-3	10/9/2006	Vinyl chloride	3.3	20	µg/L
MW-3	2/21/2007	1,1-Dichloroethene	524	2500	µg/L
MW-3	2/21/2007	Vinyl chloride	3.3	8.3	µg/L
MW-3	5/18/2007	1,1-Dichloroethene	524	2300	µg/L
MW-3	5/18/2007	Vinyl chloride	3.3	9.7	µg/L
MW-3	10/25/2007	1,1-Dichloroethene	524	1000	µg/L
MW-3	6/5/2009	1,1-Dichloroethene	524	1260	ug/L
MW-3	10/18/2009	1,1-Dichloroethene	524	1140	ug/L
MW-3	5/27/2010	1,1-Dichloroethene	524	690	ug/l

Table 2-1
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
November 2004 - February 2011
Avery Dennison Facility
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS (per Appendix C)	Result	Units
MW-36D	5/21/2005	1,1-Dichloroethene	524	7800	ug/L
MW-36D	5/21/2005	1,1-Dichloroethene	524	8100	ug/L
MW-36D	5/21/2005	1,2-Dichloroethane	5	18	ug/L
MW-36D	5/21/2005	1,2-Dichloroethane	5	17	ug/L
MW-36D	6/24/2006	1,1-Dichloroethene	524	3900	µg/L
MW-36D	10/8/2006	1,2-Dichloroethane	5	6.8	µg/L
MW-36D	10/8/2006	1,1-Dichloroethene	524	3400	µg/L
MW-36D	2/21/2007	1,1-Dichloroethene	524	2500	µg/L
MW-36D	5/19/2007	1,1-Dichloroethene	524	3500	µg/L
MW-36D	5/19/2007	Tetrachloroethene	5	6.3	µg/L
MW-36D	5/19/2007	1,1-Dichloroethene	524	4300	µg/L
MW-36D	10/30/2007	1,1-Dichloroethene	524	3200	µg/L
MW-36D	6/3/2009	1,1-Dichloroethene	524	1200	ug/L
MW-36D	10/15/2009	1,1-Dichloroethene	524	1540	ug/L
MW-36D	10/15/2009	Tetrachloroethene	5	21.4	ug/L
MW-36D	2/7/2011	Vinyl chloride	3.3	4	ug/l
MW-36S	5/21/2005	Vinyl chloride	3.3	25	ug/L
MW-36S	6/24/2006	Vinyl chloride	3.3	12	µg/L
MW-36S	6/24/2006	Vinyl chloride	3.3	16	µg/L
MW-36S	10/8/2006	Vinyl chloride	3.3	22	µg/L
MW-36S	10/8/2006	Vinyl chloride	3.3	22	µg/L
MW-36S	2/20/2007	Vinyl chloride	3.3	19	µg/L
MW-36S	2/20/2007	Vinyl chloride	3.3	11	µg/L
MW-36S	5/19/2007	Vinyl chloride	3.3	15	µg/L
MW-36S	5/19/2007	Vinyl chloride	3.3	14	µg/L
MW-36S	5/19/2007	Vinyl chloride	3.3	7.4	µg/L
MW-36S	10/30/2007	Vinyl chloride	3.3	14	µg/L
MW-36S	10/30/2007	Vinyl chloride	3.3	13	µg/L
MW-37	5/21/2005	1,1-Dichloroethene	524	1100	ug/L
MW-37	6/23/2006	1,1-Dichloroethene	524	2200	µg/L
MW-37	10/9/2006	1,1-Dichloroethene	524	2800	µg/L
MW-37	2/21/2007	1,1-Dichloroethene	524	1400	µg/L
MW-37	5/19/2007	1,1-Dichloroethene	524	2800	µg/L
MW-37	6/4/2009	1,1-Dichloroethene	524	780	ug/L
MW-37	10/14/2009	1,1-Dichloroethene	524	586	ug/L
MW-39S	10/16/2009	Tetrachloroethene	5	6.3	ug/L
MW-42	10/6/2006	1,1-Dichloroethene	524	680	µg/L
MW-42	5/17/2007	1,1-Dichloroethene	524	800	µg/L
MW-42	5/17/2007	1,1-Dichloroethene	524	720	µg/L
MW-42	5/17/2007	Tetrachloroethene	5	5.4	µg/L
MW-42	5/17/2007	Tetrachloroethene	5	5.5	µg/L
MW-42	10/27/2007	1,1-Dichloroethene	524	970	µg/L
MW-47S	2/8/2011	Vinyl chloride	3.3	4	ug/l

Table 2-1
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
November 2004 - February 2011
Avery Dennison Facility
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS (per Appendix C)	Result	Units
MW-48D	10/26/2007	1,1-Dichloroethene	524	1500	µg/L
MW-48D	6/2/2009	1,1-Dichloroethene	524	1400	ug/L
MW-48D	5/26/2010	1,1-Dichloroethene	524	1000	ug/l
MW-48D	5/26/2010	1,4-Dioxane	70	260	ug/l
MW-48D	11/4/2010	1,4-Dioxane	70	470	ug/l
MW-48D	11/4/2010	1,1-Dichloroethene	524	1300	ug/l
MW-48D	2/8/2011	1,1-Dichloroethene	524	1400	ug/l
MW-48D	2/8/2011	1,4-Dioxane	70	480	ug/l
MW-48S	10/26/2007	1,1-Dichloroethene	524	2200	µg/L
MW-48S	10/26/2007	Vinyl chloride	3.3	7.7	µg/L
MW-48S	6/2/2009	1,1-Dichloroethene	524	1100	ug/L
MW-48S	5/26/2010	Vinyl chloride	3.3	6	ug/l
MW-48S	5/26/2010	1,1-Dichloroethene	524	1100	ug/l
MW-48S	11/4/2010	Vinyl chloride	3.3	6	ug/l
MW-48S	11/4/2010	1,4-Dioxane	70	450	ug/l
MW-48S	11/4/2010	1,1-Dichloroethene	524	1100	ug/l
MW-48S	11/4/2010	Vinyl chloride	3.3	6	ug/l
MW-48S	11/4/2010	1,4-Dioxane	70	460	ug/l
MW-48S	11/4/2010	1,1-Dichloroethene	524	1100	ug/l
MW-48S	2/8/2011	1,1-Dichloroethene	524	670	ug/l
MW-48S	2/8/2011	Vinyl chloride	3.3	6	ug/l
MW-48S	2/8/2011	1,1-Dichloroethene	524	750	ug/l
MW-48S	2/8/2011	Vinyl chloride	3.3	5	ug/l
MW-50D	10/29/2007	1,1-Dichloroethene	524	570	µg/L
MW-54D	10/27/2007	1,1-Dichloroethene	524	800	µg/L
MW-54D	6/4/2009	1,1-Dichloroethene	524	1100	ug/L
MW-54D	2/6/2011	1,1-Dichloroethene	524	660	ug/l
MW-57D	10/30/2007	1,1-Dichloroethene	524	16000	µg/L
MW-57D	10/30/2007	Trichloroethene	28	39	µg/L
MW-57D	10/30/2007	1,2-Dichloroethane	5	36	µg/L
MW-57D	10/30/2007	Tetrachloroethene	5	11	µg/L
MW-57D	6/4/2009	1,1-Dichloroethene	524	5600	ug/L
MW-57D	2/7/2011	1,1-Dichloroethene	524	1100	ug/l
MW-58S	6/3/2009	1,1-Dichloroethene	524	1500	ug/L
MW-58S	6/3/2009	Vinyl chloride	3.3	69	ug/L
MW-58S	2/7/2011	Vinyl chloride	3.3	6	ug/l
MW-60D	10/28/2007	1,2-Dichloroethane	5	9.4	µg/L
MW-60D	10/28/2007	1,1-Dichloroethene	524	4100	µg/L
MW-60D	6/4/2009	1,1-Dichloroethene	524	1500	ug/L
MW-60D	10/15/2009	1,1-Dichloroethene	524	2250	ug/L
MW-60D	2/7/2011	1,1-Dichloroethene	524	1300	ug/l
MW-63	10/14/2009	1,1-Dichloroethene	524	941	ug/L
MW-63	11/3/2010	1,1-Dichloroethene	524	670	ug/l

Table 2-1
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
November 2004 - February 2011
Avery Dennison Facility
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS (per Appendix C)	Result	Units
MW-63	2/4/2011	1,1-Dichloroethene	524	660	ug/l
MW-64	6/8/2009	1,1-Dichloroethene	524	1960	ug/L
MW-64	10/14/2009	1,1-Dichloroethene	524	2540	ug/L
MW-64	5/27/2010	1,1-Dichloroethene	524	2100	ug/l
MW-64	11/3/2010	1,1-Dichloroethene	524	2500	ug/l
MW-64	2/4/2011	1,1-Dichloroethene	524	1900	ug/l
MW-65S	6/8/2009	1,1,2-Trichloroethane	5	6.9	ug/L
MW-65S	6/8/2009	1,1-Dichloroethene	524	7970	ug/L
MW-65S	6/8/2009	1,2-Dichloroethane	5	23.7	ug/L
MW-65S	6/8/2009	Vinyl chloride	3.3	12.5	ug/L
MW-65S	5/27/2010	1,1-Dichloroethene	524	10000	ug/l
MW-65S	5/27/2010	1,4-Dioxane	70	790	ug/l
MW-65S	5/27/2010	1,2-Dichloroethane	5	31	ug/l
MW-65S	5/27/2010	Vinyl chloride	3.3	7	ug/l
MW-65S	5/27/2010	1,1,2-Trichloroethane	5	10	ug/l
MW-65S	11/3/2010	Vinyl chloride	3.3	20	ug/l
MW-65S	11/3/2010	1,1-Dichloroethene	524	10000	ug/l
MW-65S	11/3/2010	1,2-Dichloroethane	5	38	ug/l
MW-65S	11/3/2010	1,1,2-Trichloroethane	5	12	ug/l
MW-65S	11/3/2010	1,4-Dioxane	70	1600	ug/l
MW-65S	2/4/2011	Vinyl chloride	3.3	9	ug/l
MW-65S	2/4/2011	1,2-Dichloroethane	5	28	ug/l
MW-65S	2/4/2011	1,1,2-Trichloroethane	5	11	ug/l
MW-65S	2/4/2011	1,4-Dioxane	70	1300	ug/l
MW-65S	2/4/2011	1,1-Dichloroethene	524	11000	ug/l
SBW-6	6/25/2006	Vinyl chloride	3.3	18	µg/L
SBW-6	10/10/2006	Vinyl chloride	3.3	21	µg/L
SBW-9	6/25/2006	Vinyl chloride	3.3	21	µg/L
SBW-9	10/10/2006	Vinyl chloride	3.3	11	µg/L
SBW-9	2/22/2007	1,1-Dichloroethene	524	580	µg/L
SBW-9	2/22/2007	Vinyl chloride	3.3	5.5	µg/L
SBW-9	5/19/2007	1,1-Dichloroethene	524	790	µg/L
SBW-9	5/19/2007	Vinyl chloride	3.3	13	µg/L
SBW-9	10/24/2007	Vinyl chloride	3.3	13	µg/L
SBW-9	5/27/2010	1,4-Dioxane	70	73	ug/l
SBW-9	2/6/2011	1,1-Dichloroethene	524	650	ug/l

3.0 SITE CONCEPTUAL MODEL

The Site Conceptual Model, as well as the data from which it is derived, is presented in detail in the CSR provided in Appendix B and is summarized below.

3.1 GEOLOGY AND HYDROGEOLOGY

Based on its location relative to considerable regional topographic relief (see Figure 1-1), the site is located on the western side of an apparent regional groundwater divide where groundwater flow is from the site toward the west/northwest and Lake Lanier. The local site topographic relief is also significant (see Figure 1-3) with notable surface water and groundwater horizontal flow gradients toward the unnamed tributary that flows west and southwest of the site.[1] Figure 3-1 shows the October 2009 water table potentiometric contours as reported in the CSR (Appendix B). The former manufacturing facility is approximately 100 to 300 feet from the unnamed tributary.

Figures 3-2 and 3-3 show geologic cross-sections along approximately orthogonal axes, and include hydraulic head measurements and estimated general directions of groundwater flow. The unconsolidated deposits underlying the site predominantly consist of up to 45 feet of fill and residual soils typical of the Piedmont - reddish brown silty clay or clayey silt deposits with minimal bedding – with a geometric mean hydraulic conductivity of 1.2E-3 cm/s.[2] The bedrock surface is highly weathered into a saprolite up to 50 feet thick or more with a heterogeneous permeability that on average is slightly less than the overlying unconsolidated deposits. Groundwater flow in the lower competent crystalline bedrock is expected to be influenced by secondary porosities, particularly foliation plane partings and fractures. Fracture networks in the inner Piedmont tend to be normal, i.e., southeast to northwest, or parallel to, the regional tectonic structure. Secondary fractures within the fracture networks also facilitate, on a site-wide scale, groundwater flow in the overall direction of hydraulic gradients.

[1] Groundwater potentiometric contours for all geologic units are presented for several monitoring events in the CSR (Appendix B). Calculations of vertical and hydraulic gradients are also presented in the CSR.
[2] Hydraulic conductivity calculations and summaries are presented in the CSR.

A groundwater flow path of horizontal to downward flow is apparent near the eastern portion of the site as flow migrates west and southwest toward the discharge zone in the valley of the unnamed tributary. Closer to the tributary valley and immediately west of the former manufacturing facility, downward and horizontal flow trends appear to continue in the unconsolidated deposits and weathered bedrock. Neutral or mild downward gradients are observed in most fractured bedrock wells of this area. Within this area near the tributary valley discharge zone, significant downward flow gradients were measured where bedrock wells were installed in relatively more permeable bedrock fracture zones, indicating potential for groundwater to flow toward localized fracture zones prior to eventual groundwater discharge into the tributary. Based on these measurements, observed springs in and near the stream, and significant consistent upward gradients in clean monitoring wells west of the portion of the tributary that is on the Wrigley parcel, the tributary valley is a groundwater discharge zone. This zone acts as a low constant head boundary and prohibits groundwater and contaminant flow to migrate west of the tributary and dictates that all flow discharge and migrate downstream to the northwest in the tributary valley.

3.2 SOURCES OF SITE CONSTITUENTS

The comprehensive soil and groundwater investigation performed for the CSR confirmed there are two source areas contributing constituents to groundwater at the site: one located near the western corner of the former manufacturing facility in the area of a former main septic tank and associated piping and fill (the western source area); and one located near the southern corner of the facility, associated with an accidental 1991 release of TR-111 from a 250-gallon above-ground storage tank (the southern source area). Figure 3-1 shows the estimated approximate horizontal extent of the two source areas. There is no evidence of other sources of site constituents.

Focused source area characterizations described in the CSR (Appendix B) show that constituents associated with the western source area extend from below the water table through

unconsolidated deposits and weathered bedrock and into fractured bedrock; whereas, constituents associated with the southern source area are limited to a smaller area and are present only within unconsolidated deposits and weathered bedrock. Eleven separate rounds of groundwater and surface water sampling conducted from 2005-2011 show plumes of approximately stable configurations emanating from both source areas, which, as demonstrated in the CSR, have already been delineated to the point of non-detection of site constituents. The plumes are further discussed in Section 3.3. In addition, the CSR shows VOC are also migrating onto the Property in groundwater from an upgradient, non-Avery source.

Both of the source areas described above are considered DNAPL release areas based on the consistent and persistent detection of VOC that are DNAPLs, and based on the depth of contaminant detection downgradient (for the western source area). In addition, in light of groundwater flow in fractured bedrock where dilution potential is high, contaminant concentrations should be considerably attenuated and lower than currently measured if there were no persistent DNAPL sources. One distinction between the two source areas is that the southern source area (the location of the 1991 release of TR-111) is smaller and composed of less contaminant mass based on the smaller area of detection, lack of contaminant detection at depth, and because a considerable mass of the residual source was removed during the remediation that occurred immediately following the release, as described in the CSR (see Appendix B).

The site unconsolidated deposits geology is not conducive to significant lateral spreading of the releases, and may have also acted to retard downward DNAPL migration due to gravity as a result of the relatively low vertical permeability of the residual soils that form the unconsolidated deposits and the weathered bedrock. This is particularly evident in the southern source area, where absence of VOC in bedrock immediately downgradient shows that DNAPL did not enter competent bedrock. In addition, the horizontal and vertical groundwater flow

gradients in the discharge area serve to confine the downgradient migration of the resulting dissolved constituents in groundwater from the source areas.

The CSR (see Appendix B) presents the results of a detailed source area characterization performed for both source areas using Membrane Interface Probe (MIP) and soil and groundwater sampling. In addition, since a portion of the southern source area resides under the southern corner of the former manufacturing facility's floor slab (see Figure 3-1), a soil vapor survey was conducted for the CSR. Results are described in the CSR and indicate a potential for a complete exposure pathway for vapor intrusion; however, indoor air quality sampling performed in November 2010 did not show detectable concentrations of site constituents present in groundwater under the slab (see Appendix F). That potential exposure pathway is now being mitigated, as described in Section 5.0.

3.3 FATE AND TRANSPORT OF SITE CONSTITUENTS IN GROUNDWATER

The fate and transport of site constituents in groundwater is discussed in detail in the CSR, and is summarized herein.

As is indicated from the plan view of zones of RRS exceedences shown on Figure 3-1 and discussed in Section 4.0, dissolved VOC plumes extend westerly/southwesterly from each source area. The CSR presents results from eight separate rounds of groundwater sampling conducted from 2005-2009 that support a steady state condition for the downgradient extent of the RRS exceedences in groundwater. This conclusion is further buttressed by results of three additional rounds of groundwater and surface water sampling conducted in 2010-2011 per the schedule outlined in the May 2010 CAP. The results for 2010-2011 groundwater and surface water sampling are provided in Appendix E. Consistent with the hydrogeologic conceptual model presented above, downgradient migration of site constituents in groundwater is limited by upward vertical gradients that result in discharge of groundwater to the surface water of the tributary. Figure 3-2 and Figure 3-3 show cross-section views of the zones of RRS exceedences

in groundwater, which further demonstrate this fate and transport mechanism. As shown in the CSR, there is considerable attenuation of site constituents prior to discharge of groundwater to the surface water of the tributary. As discussed in Section 4.0, there have been no exceedences of current ISWQC, as defined by Georgia Rules & Regulations for Water Quality Control, Chapter 391-3-6.03, in the fourteen rounds of surface water sampling conducted from 2005-2011 (see the CSR and Appendix E).

A Screening Level Ecological Risk Assessment (SLERA) refinement performed in 2009, and presented in the CSR, concluded that site constituents present in surface water, sediment, and/or hyporheic zone groundwater do not pose unacceptable ecological risk. EPD provided comments on the SLERA in its June 30, 2011 letter to Avery, and the EPD comments were addressed in Avery's November 23, 2011 response to EPD, which is included in Appendix C. The conclusions of the SLERA were not altered by the EPD comments or the subsequent responses by Avery.

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- OCT. 2009 WATER TABLE POTENTIOMETRIC CONTOUR (2 FT. INTERVALS)
- UNCONSOLIDATED DEPOSITS WELL
- BEDROCK WELL
- WEATHERED BEDROCK WELL
- TEMPORARY WELL
- STREAM BED WELL
- 99.8 TOTAL VOC DETECTED JUN.–OCT. 2009 (ug/L)
- ESTIMATED TOTAL VOC ISOCONTOUR JUN.–OCT. 2009 (ug/L)
- LIMIT OF DETECTED VOC IN UNCONSOLIDATED DEPOSITS AND BEDROCK
- ESTIMATED ZONE OF TYPE 3/4 RISK REDUCTION STANDARDS EXCEEDENCE
- ESTIMATED ZONE OF TYPE 1 RISK REDUCTION STANDARDS EXCEEDENCE

Notes:
–The isocontours were drawn considering the maximum VOC concentration for paired wells
–ND = Not Detected above Laboratory PQL
–NS = Not Sampled
–Wells labeled with a date or dates following "NS" were sampled only during the indicated months
–*Acetone was the only VOC detected in well BR–1S
–All samples analyzed by EPA Method 8260B for full analyte list

CAUSED BY NON–AVERY SOURCE

PROPERTY BOUNDARY (TYP.)

POND

WATER TANK

APPROXIMATE ZONE OF PLANNED MULTIPHASE EXTRACTION TO ADDRESS VAPOR INTRUSION POTENTIAL

APPROXIMATE BOUNDARY OF SOUTHERN SOURCE AREA (NO EXCEEDENCES OF TYPE 3/4 RRS IN SOIL)

APPROXIMATE BOUNDARY OF TYPE 1 RISK REDUCTION STANDARDS EXCEEDENCES IN GROUNDWATER

APPROXIMATE BOUNDARY OF TYPE 3/4 RISK REDUCTION STANDARDS EXCEEDENCES IN GROUNDWATER

APPROXIMATE BOUNDARY OF WESTERN SOURCE AREA IN UNCONSOLIDATED DEPOSITS AND WEATHERED BEDROCK (NO EXCEEDENCES OF TYPE 3/4 RRS IN SOIL)

APPROXIMATE BOUNDARY OF TYPE 3/4 RISK REDUCTION STANDARDS EXCEEDENCES IN GROUNDWATER

APPROXIMATE BOUNDARY OF TYPE 1 RISK REDUCTION STANDARDS EXCEEDENCES IN GROUNDWATER

NO EXCEEDENCES OF IN–STREAM WATER QUALITY STANDARDS AT THE SITE

GRAVEL DRIVE

Rails (Typical)

E (TYPICAL)

FENCE (TYPICAL)

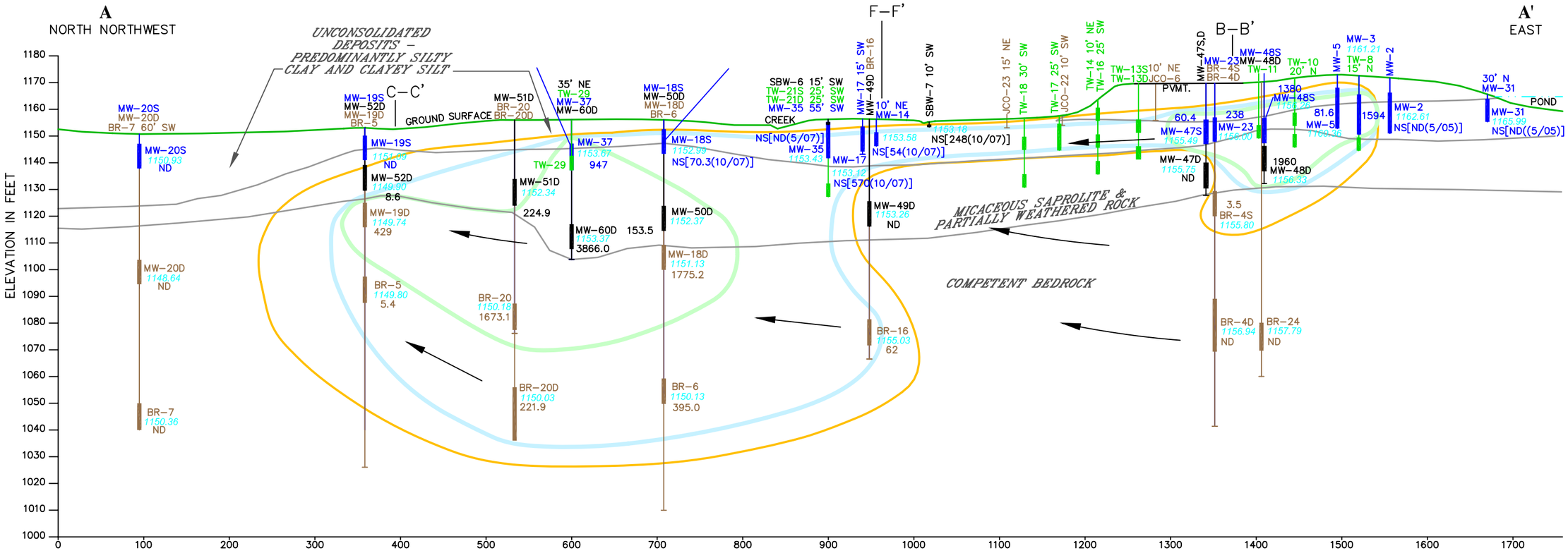
SCALE IN FEET
50 0 50 100 150
GRAPHIC SCALE – FEET

K:\1–0145–4\Cad\2010 CSR\Official GW Basemap.dwg

FIGURE 3-1: SITE CONCEPTUAL MODEL PLAN VIEW AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

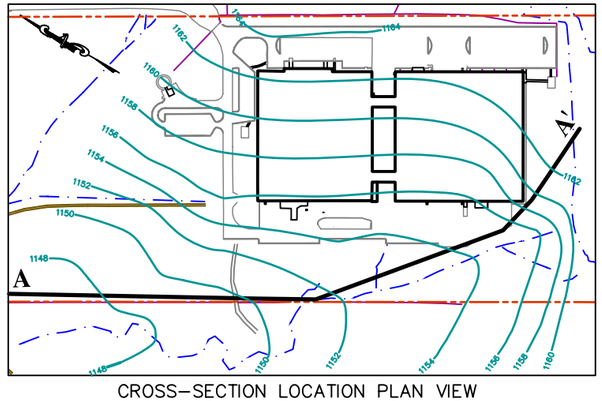
Drawn by: TJK Date: 12/20/11
Reviewed by: GAK Date: 12/20/11
Scale: 1"=100' Project: 1-0145-4



GEOLOGIC PROFILE A - A'

A
A'

SCALE: 1"=125' HOR., 1"=40' VER., V.E. = 3.125:1



CROSS–SECTION LOCATION PLAN VIEW

LEGEND

- Estimated Zone of Type 1 RRS Exceedences in Groundwater
- Estimated Zone of Type 3/4 RRS Exceedences in Groundwater
- Limit of Detected VOC in Unconsolidated Deposits and Bedrock Jun.–Oct. 2009
- BR–6 — Sample ID
- 1150.13 — Water Level Elevation (Feet AMSL) [October 13, 2009]
- 6282.5 — Total VOC Detected Jun.–Oct. 2009 (ug/L)
- Temporary Monitoring Well Screen Location and Depth
- Unconsolidated Zone Monitoring Well Screen Location and Depth
- Micaceous Saprolite/Partially Weathered Rock Zone Monitoring Well Screen Location and Depth
- Competent Bedrock Zone Monitoring Well Screen Location and Depth
- Soil Boring

Notes:
–ND = not detected above laboratory PQL
–NS = Not Sampled in 2009
–Wells labeled with a date or dates following "NS" were sampled during the indicated months

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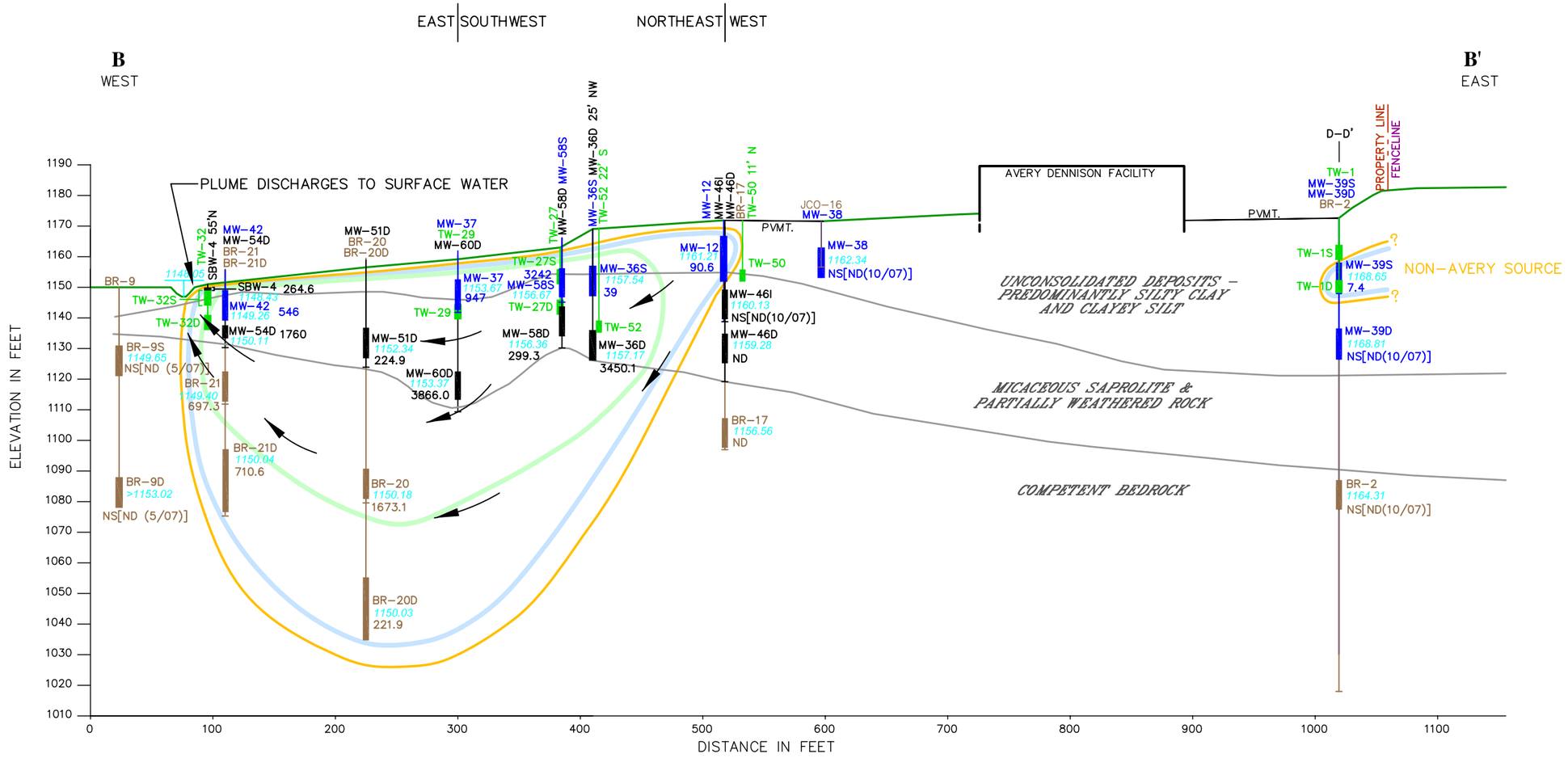
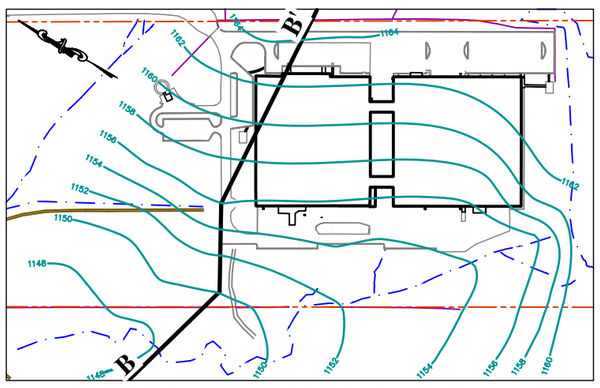
FIGURE 3-2: SITE CONCEPTUAL MODEL
CROSS SECTION A-A'
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 12/20/11
Reviewed by: GAK Date: 12/20/11
Scale: As Shown Project: 1-0145-4





CROSS–SECTION LOCATION PLAN VIEW

LEGEND

- Estimated Zone of Type 1 RRS Exceedences in Groundwater
- Estimated Zone of Type 3/4 RRS Exceedences in Groundwater
- Limit of Detected VOC in Unconsolidated Deposits and Bedrock Jun.–Oct. 2009
- BR–20 Sample ID
- 1156.94 Water Level Elevation (Feet AMSL) [October 13, 2009]
- 1673.1 Total VOC Detected Jun.–Oct. 2009 (ug/L)
- Temporary Monitoring Well Screen Location and Zepth
- Unconsolidated Deposits Zone Monitoring Well Screen Location and Depth
- Micaceous Saprolite/Partially Weathered Rock Zone Monitoring Well Screen Location and Depth
- Competent Bedrock Zone Monitoring Well Screen Location and Depth
- Soil Boring

Notes:
–ND = not detected above laboratory PQL
–NS = Not Sampled in 2009
–Wells labeled with a date or dates following "NS" were sampled during the indicated months

GEOLOGIC PROFILE B-B'

SCALE: 1"=100' HOR., 1"=40' VER., V.E. = 2.5:1

B
B'

FIGURE 3-3: SITE CONCEPTUAL MODEL
CROSS SECTION B - B'
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

K:\1–0145–4\Cad\2010 CSR\Xsec C.dwg

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 12/20/11
Reviewed by: GAK Date: 12/20/11
Scale: As Shown Project: 1-0145-4

4.0 EXTENT OF REGULATORY STANDARD EXCEEDENCES

4.1 RISK REDUCTION STANDARDS

4.1.1 Soil

Section 7.0 of the CSR (see Appendix B) and Avery's response to EPD's June 30, 2011 comments (see Appendix C) describe development of applicable RRS for soil at the Site. There are no exceedences of Type 3/4 RRS in soil at the Property, and there are no exceedences of Type 1/2 RRS for site constituents in soil on the Wrigley parcel.

4.1.2 Groundwater

Section 7.0 of the CSR (see Appendix B) and Avery's response to EPD's June 30, 2011 comments (see Appendix C) describe development of applicable RRS for groundwater at the Site. Table 2-1 summarizes exceedences of the updated Type 3/4 RRS in groundwater for groundwater samples collected prior to and since submission of the CSR. Exceedences of Type 3/4 RRS have been observed at 25 locations: 12 unconsolidated deposits monitoring wells; 6 weathered bedrock monitoring wells; 5 bedrock monitoring wells; and 2 streambed monitoring wells. Figure 3-1 shows the horizontal extent of the Type 1 and Type 3/4 RRS exceedences in groundwater, and Figure 3-2 and Figure 3-3 show the vertical extent of Type 1 and Type 3/4 RRS exceedences in groundwater for the cross-sections shown in Section 3.0. At each location of Type 3/4 RRS exceedences, the exceedences occurred for one or more of seven compounds: 1,1-DCE, 1,1,2-TCA, 1,4-dioxane, carbon tetrachloride (CTET), TCE, PCE, and vinyl chloride (VC). Of these, 1,1-DCE and VC are degradation products of 1,1,1-TCA, which is the primary constituent of the TR-111 source material. 1,1,2-TCA, 1,4-dioxane, CTET, TCE and PCE exceed RRS only at locations where concentrations of 1,1,1-TCA and/or 1,1-DCE are at parts per million levels or greater and are orders of magnitude higher than the CTET, TCE, and PCE concentrations . Thus, the presence of 1,1,2-TCA, CTET, TCE and PCE at the site is attributed to impurities in the TR-111 source material.

4.2 IN-STREAM WATER QUALITY CRITERIA

As stated in Section 3.3, no exceedences of the current In-Stream Water Quality Criteria (ISWQC), as defined by Georgia Rules & Regulations for Water Quality Control, Chapter 391-3-6.03, have occurred in surface water sampling at the site.

5.0 POTENTIAL EXPOSURE PATHWAYS AND POTENTIAL RECEPTORS

An evaluation of potential exposure pathways and receptors was conducted for the site based upon the data collected to date, including the comprehensive dataset presented in the CSR and data collected since submission of the CSR. The exposure pathways evaluated for the Site Conceptual Model presented in Section 3.0 include:

5.1 SOIL

As stated above, the comprehensive site investigation performed for the CSR demonstrates delineation of site constituents in soil to the practical quantitation limit of the laboratory, or, as applicable, background concentrations. The Property is in compliance with Type 3/4 RRS, which demonstrates there is no potential for unacceptable risk to human health due to site constituents in soil for the applied non-residential scenario. A Screening Level Ecological Risk Assessment (SLERA) refinement performed in 2009 and presented in the CSR, and also addressed in Avery's response to EPD's June 30, 2011 comments (Appendix C), concluded that site constituents present in soil do not pose unacceptable ecological risk.

5.2 GROUNDWATER

Figure 3-1 depicts the delineation of site constituents in groundwater to Type 1 RRS. Also as shown on Figure 3-1, there are two zones within which Type 3/4 RRS are exceeded in groundwater. Both zones affect the Property and one zone affects the Wrigley parcel. Within the two zones of Type 3/4 RRS exceedence in groundwater, there is potential for a complete exposure pathway for human receptors due to site constituents in groundwater if the groundwater is extracted for any purpose, or if groundwater is encountered during subsurface construction activity.

5.3 SURFACE WATER AND GROUNDWATER DISCHARGE TO SURFACE WATER

As described above and in the CSR (Appendix B), the groundwater VOC plumes, which are at an apparent steady state condition, are discharging to the unnamed tributary stream.

Figure 3-1 shows the locations at which the zones of Type 3/4 RRS exceedence in groundwater overlap with the unnamed tributary stream. Within these zones, potential complete exposure pathways associated with groundwater are as described in Section 5.2. There is, however, considerable attenuation of Site constituents due to mixing with the surface water of the unnamed tributary, which flows continuously from the outlet-controlled headwater stormwater collection pond.

ISWQC have not been exceeded in the unnamed tributary stream; in fact, the maximum concentration ever observed of an individual site constituent in surface water for which an ISWQC exists is more than two orders of magnitude below the current ISWQC. In addition, a SLERA refinement performed in 2009, and presented in the CSR and addressed in Avery's response to EPD's June 30, 2011 comments (Appendix C), concluded that site constituents present in surface water, sediment, and/or hyporheic zone groundwater do not pose an unacceptable ecological risk.

5.4 SEDIMENTS

Type 3/4 RRS are not exceeded in sediment on the Property. Therefore, there is no potential for unacceptable risk to human health due to site constituents in sediment for the applied non-residential scenario. Type 1/2 RRS are not exceeded in sediment on the adjacent Wrigley parcel.

As described in Section 5.3, the SLERA refinement performed in 2009 and presented in the CSR, and also addressed in Avery's response to EPD's June 30, 2011 comments (Appendix C), concluded that site constituents present in sediment do not pose an unacceptable ecological risk.

5.5 SOIL VAPOR/INDOOR AIR

As described in Section 3.2, sub-slab soil vapor concentrations of the constituents present in the southern source area groundwater beneath the former manufacturing facility, as presented in the CSR, indicated potential for a complete exposure pathway due to potential inhalation of site constituents in indoor air. However, none of the constituents were detected in the indoor air of the former manufacturing facility during a facility-wide sampling event performed in November 2010 (see Appendix F), at which time the majority of the facility was vacant (see Figure 1-3). If the slab condition or building ventilation conditions are modified by future use, and if the site constituents remain in sub-slab soil vapor, it is possible a complete exposure pathway could be established.

6.0 PRELIMINARY REMEDIATION PLAN

Subject to modifications consistent with the results of additional assessment activities to be undertaken in further development of the Site Conceptual Model, the preliminary remediation plan for the site includes the following components:

Soil and Sediments:

A restrictive covenant will be established for the Property restricting use of the parcel to non-residential purposes.

Groundwater and Discharge of Groundwater to Surface Water:

An appropriate restrictive covenant will be established for the applicable portions of the Property with respect to use of groundwater including a prohibition on the extraction of groundwater for any purpose unless site constituents are treated to concentrations that are below Type 1/2 RRS.

An expanded groundwater monitoring program that incorporates a sufficiently low detection limit to meet applicable updated RRS was performed in October 2011 for all site constituents, including 1,4-dioxane, and the results are presently being compiled and validated. The expanded monitoring program will be repeated in spring 2012, after which the delineation of site constituents to Type 1 and Type 3/4 RRS in groundwater will be confirmed and additional activity undertaken, if warranted. Once completely compiled and validated, the resultant data will be presented in the subsequent six-month VRP Status Report, and a point of demonstration monitoring program will be established for confirming steady state or declining concentrations of site constituents in groundwater and surface water. The program will monitor for conservative flow trigger conditions for sampling of surface water, and for steady-state conditions in groundwater.

Soil Vapor:

As described in Section 2.0, Avery proactively commenced design and installation of a multi-phase extraction (MPE) system for the southern source area in May 2011. The objective of the MPE application is to remove accessible VOC from the zone above the water table, as well as the saturated zone within approximately 10 feet of the water table. The construction completion and full operation of the MPE system is pending receipt of approval to discharge treated water effluent. In the meantime, the installed infrastructure has been configured and operated since July 2011 as a soil vapor extraction (SVE) system. Once the MPE application is completed, post-remediation confirmation monitoring for VOC in soil vapor and indoor air will be performed. If necessary following operation of the MPE system, additional engineering controls and/or institutional controls will be implemented.

As appropriate, restrictive covenants will be implemented for applicable portions of the Property with respect to any new enclosed structures built within the zones of exceedence of Type 3/4 RRS in groundwater.

7.0 SUMMARY OF ACTIONS FOR COMPLETING THE VOLUNTARY REMEDIATION PROGRAM COMPLIANCE STATUS REPORT

7.1 HORIZONTAL AND VERTICAL DELINEATION OF SITE CONSTITUENTS

The comprehensive investigation performed for the CSR (see Appendix B) definitively established the horizontal and vertical extent of site constituents. A comprehensive groundwater and surface water characterization was also performed in October 2011 using a detection limit for all VOC, and 1,4-dioxane, that is consistent with the updated Type 1 RRS. The results of the October 2011 characterization are presently being compiled and validated. The scope of work for the October 2011 characterization will be repeated in spring 2012, after which the delineation of site constituents to Type 1 and Type 3/4 RRS in groundwater will be reevaluated and additional activity undertaken, if warranted. Once completely compiled and validated, the resultant data will be presented in the subsequent VRP Status Update Report.

7.2 EXECUTION OF ENVIRONMENTAL COVENANTS

Based upon and consistent with the results of delineation activities, environmental covenants will be timely executed in accordance with the Georgia Uniform Environmental Covenants Act, O.C.G.A. Section 44-16-1.

7.3 VAPOR INTRUSION MITIGATION BY ENGINEERING CONTROL

As described above, Avery proactively commenced design and installation of a MPE system for the southern source area in May 2011, and its full operation is pending approval to discharge treated effluent. The construction of the MPE system will be completed and it will be activated following receipt of approval to discharge effluent. The as-built details will be provided with the VRP Status Update Report that occurs first after construction completion. Progress reports will be included in subsequent VRP Status Update Reports.

7.4 POINT OF DEMONSTRATION MONITORING PLAN

A point of demonstration monitoring plan and implementation schedule that establishes the surface water sampling locations, groundwater monitoring wells to be sampled, and the reporting method and assessment procedures will be submitted in a VRP Status Update Report that will be subsequent to the confirmation of the Type 1 and Type 3/4 RRS exceedence areas in groundwater.

7.5 VOLUNTARY REMEDIATION PLAN COST ESTIMATE

A Voluntary Remediation Plan cost estimate, and assignment of the date for submitting a financial assurance instrument in the amount of the estimate, is planned for no later than 30 months from the date of enrollment in the VRP.

8.0 IMPLEMENTATION SCHEDULE

The currently planned schedule for implementation of the VRPA, based on a VRP enrollment date of December 30, 2011, is presented on Figure 8-1. The estimated duration for the implementation of the VRPA through submittal of a VRP Compliance Status Report is 60 months or less from the time of enrollment. VRP Status Update Reports will be submitted to the EPD every six months during this implementation period until the VRP Compliance Status Report is submitted. The timing of the VRP Status Update Reports in Figure 8-1 are set to accommodate the time necessary for compilation of data from the preceding groundwater and surface water monitoring event.

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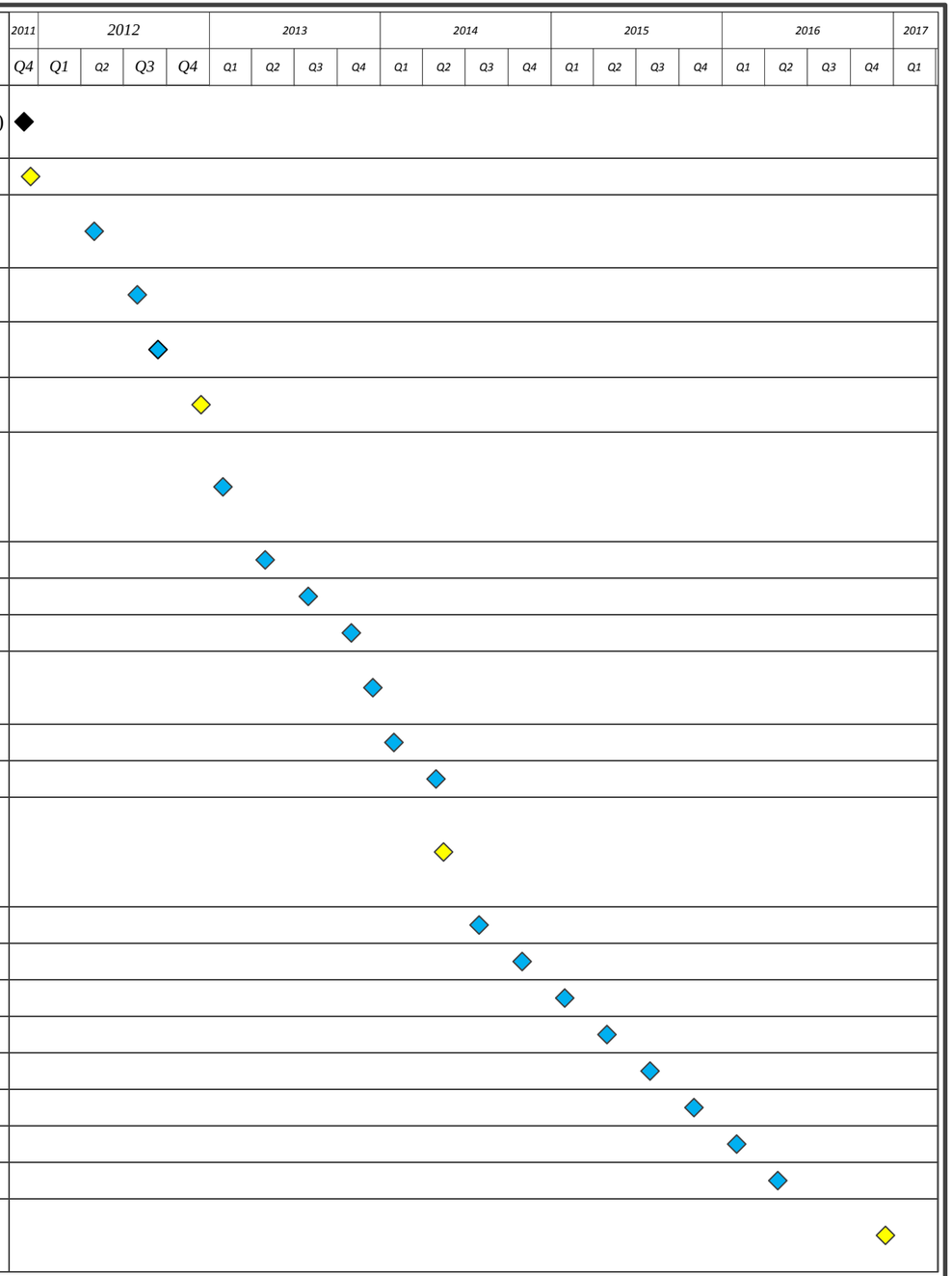
ID	Milestone Name	Target Completion Date
1	Comprehensive groundwater and surface water monitoring event using 1,4-dioxane detection limits that are below revised applicable Risk Reduction Standards (1st event)	10/31/11 (complete)
2	**Site is Enrolled in the Voluntary Remediation Program**	**12/30/2011**
3	Comprehensive groundwater and surface water monitoring event using 1,4-dioxane detection limits that are below revised applicable Risk Reduction Standards (2nd event)	4/30/2012
4	Submit VRP Status Update Report (will include result of the above groundwater and surface water monitoring events, and reevaluation of the areas of RRS exceedence)	7/31/2012
5	Monitoring of surface water and selected groundwater monitoring wells	10/31/2012
6	**Complete horizontal delineation of site constituents to applicable RRS for enrolled Property.**	**No later than 12/30/2012**
7	Submit VRP Status Update Report (will include Draft Environmental Covenants for review and approval by EPD, will include as-built and operational information for the MPE system, provided the system is permitted, constructed, and operational in MPE mode; if not, it will appear in the first VRP Status Report following system startup)	1/30/2013
8	Monitoring of surface water and selected groundwater monitoring wells	4/30/2013
9	Submit VRP Status Update Report (will include Point of Compliance Monitoring Plan (PCMP) and MPE operational data)	7/31/2013
10	Monitoring of surface water and selected groundwater monitoring wells per PCMP	10/31/2013
11	**Complete horizontal delineation of the release and associated constituents extending onto off-site property.**	**No later than 12/30/2013**
12	Submit VRP Status Update Report	1/30/2014
13	Monitoring of surface water and selected groundwater monitoring wells per PCMP	4/30/2014
14	**Final Revision of Site Conceptual Model; Finalize the Remediation Plan; Provide a Preliminary Cost Estimate for Remediation Plan Implementation**	**No later than 6/30/2014**
15	Submit VRP Status Update Report	7/31/2014
16	Monitoring of surface water and selected groundwater monitoring wells per PCMP (if necessary)	10/31/2014
17	Submit VRP Status Update Report	1/30/2015
18	Monitoring of surface water and selected groundwater monitoring wells per PCMP (if necessary)	4/30/2015
19	Submit VRP Status Update Report	7/31/2015
20	Monitoring of surface water and selected groundwater monitoring wells per PCMP (if necessary)	11/2/2015
21	Submit VRP Status Update Report	2/1/2016
22	Monitoring of surface water and selected groundwater monitoring wells per PCMP (if necessary)	4/29/2016
23	**Submit VRP Compliance Status Report, Including Requisite Certifications**	**No later than 12/30/2016**



SUBJECT TO REVISION FOR EACH SEMI-ANNUAL STATUS REPORT
REMEDIATION STEPS WILL BE ADDED WHEN ESTABLISHED

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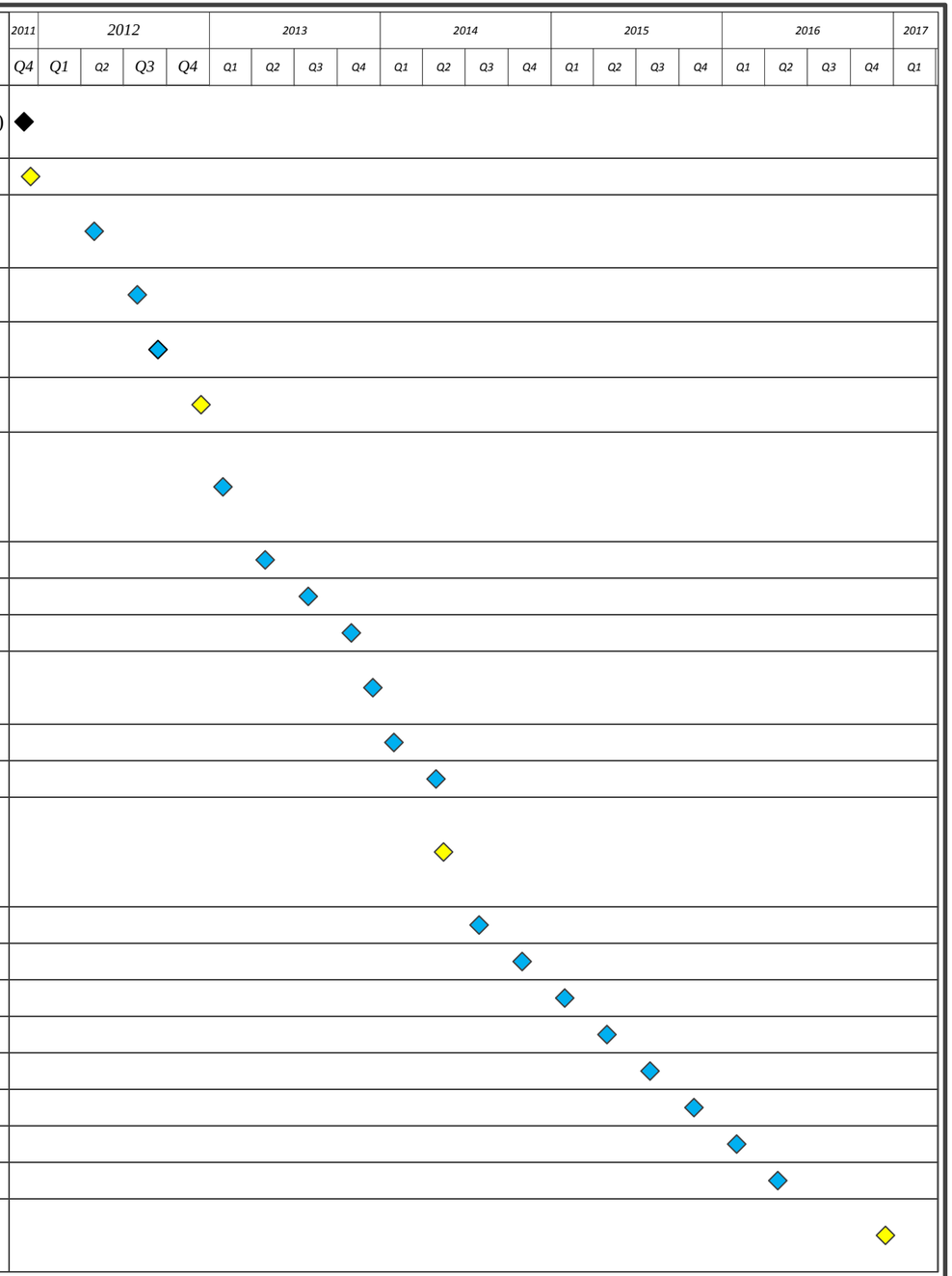
FIGURE 8-1- SUMMARY OF PROJECT MILESTONES
VOLUNTARY REMEDIATION PLAN
AVERY DENNISON FACILITY
4350 AVERY DRIVE, FLOWERY BRANCH, GEORGIA
HSI #10578

The Johnson Company
100 State Street
Montpelier, VT 06502
(802) 229-4600

Drawn by: PCS Date: 11/28/11
Chck'd by: GAK Date: 11/28/11
Scale: Not to Scale
Project: 1-0145-4

ID	Milestone Name	Target Completion Date
1	Comprehensive groundwater and surface water monitoring event using 1,4-dioxane detection limits that are below revised applicable Risk Reduction Standards (1st event)	10/31/11 (complete)
2	**Site is Enrolled in the Voluntary Remediation Program**	**12/30/2011**
3	Comprehensive groundwater and surface water monitoring event using 1,4-dioxane detection limits that are below revised applicable Risk Reduction Standards (2nd event)	4/30/2012
4	Submit VRP Status Update Report (will include result of the above groundwater and surface water monitoring events, and reevaluation of the areas of RRS exceedence)	7/31/2012
5	Monitoring of surface water and selected groundwater monitoring wells	10/31/2012
6	**Complete horizontal delineation of site constituents to applicable RRS for enrolled Property.**	**No later than 12/30/2012**
7	Submit VRP Status Update Report (will include Draft Environmental Covenants for review and approval by EPD, will include as-built and operational information for the MPE system, provided the system is permitted, constructed, and operational in MPE mode; if not, it will appear in the first VRP Status Report following system startup)	1/30/2013
8	Monitoring of surface water and selected groundwater monitoring wells	4/30/2013
9	Submit VRP Status Update Report (will include Point of Compliance Monitoring Plan (PCMP) and MPE operational data)	7/31/2013
10	Monitoring of surface water and selected groundwater monitoring wells per PCMP	10/31/2013
11	**Complete horizontal delineation of the release and associated constituents extending onto off-site property.**	**No later than 12/30/2013**
12	Submit VRP Status Update Report	1/30/2014
13	Monitoring of surface water and selected groundwater monitoring wells per PCMP	4/30/2014
14	**Final Revision of Site Conceptual Model; Finalize the Remediation Plan; Provide a Preliminary Cost Estimate for Remediation Plan Implementation**	**No later than 6/30/2014**
15	Submit VRP Status Update Report	7/31/2014
16	Monitoring of surface water and selected groundwater monitoring wells per PCMP (if necessary)	10/31/2014
17	Submit VRP Status Update Report	1/30/2015
18	Monitoring of surface water and selected groundwater monitoring wells per PCMP (if necessary)	4/30/2015
19	Submit VRP Status Update Report	7/31/2015
20	Monitoring of surface water and selected groundwater monitoring wells per PCMP (if necessary)	11/2/2015
21	Submit VRP Status Update Report	2/1/2016
22	Monitoring of surface water and selected groundwater monitoring wells per PCMP (if necessary)	4/29/2016
23	**Submit VRP Compliance Status Report, Including Requisite Certifications**	**No later than 12/30/2016**



SUBJECT TO REVISION FOR EACH SEMI-ANNUAL STATUS REPORT
REMEDIATION STEPS WILL BE ADDED WHEN ESTABLISHED

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FIGURE 8-1- SUMMARY OF PROJECT MILESTONES
VOLUNTARY REMEDIATION PLAN
AVERY DENNISON FACILITY
4350 AVERY DRIVE, FLOWERY BRANCH, GEORGIA
HSI #10578

The Johnson Company
100 State Street
Montpelier, VT 06502
(802) 229-4600

Drawn by: PCS Date: 11/28/11
Chck'd by: GAK Date: 11/28/11
Scale: Not to Scale
Project: 1-0145-4

APPENDIX A

WARRANTY DEED AND TAX MAP INFORMATION

Gainesville - Hall County GIS

Map Tools

Theme: Desert

Search

Parcel / Owner Search
Address Search
Intersection Search
Subdivision Search
Street Name Search
Property Sales Search
Results

Work With Map

Selection
Redlining
Measure
Search by Coordinates

Map Content

* Right-click a layer for more functions

hallgis

- **Parcel Layers**
- Parcel Sales Last 3 yrs
- **Facilities**
- **Monuments**
- **Transportation**
- Buildings
- County Commission Dist
- Gainesville Council Wards
- City limits
- Land lots
- Land districts
- Soils
- Subdivision lots
- Subdivisions
- **Hydrology**

Apply

Base Map | Zoning | Utilities | Fire Services | Law Enf | Elections | Pictometry

Map Help Tax Dept Link

Scale 1: 6,805.79 GO

X : -83.9030 , Y : 34.2004

powered by OnPoint™

Calloway & Calloway, P.C.

Attorneys at Law
6133 Peachtree Dunwoody Road, N.E.
Atlanta, Georgia 30328

Phone: (770) 394-7000 **Fax: (770) 698-2028**

CERTIFICATE OF TITLE

PREPARED FOR AND LIMITED TO THE USE OF:	**Re: Property of Avery Products Corporation, a California corporation; Land Lot 73, 8th District, Hall County, Georgia; STS File No. 1278.0060(A)**
TROUTMAN SANDERS LLP	
Attn: William W. Burton, Esq.	

NOTE: All others who rely hereon do so at their own risk.

This is to certify that we have carefully examined the title to the real property described on **EXHIBIT "A"** attached hereto and by reference made a part hereof (the "Property"), as officially and correctly indexed in the public records of the county in which said Property lies, and that good merchantable title in **FEE SIMPLE** is vested in **Avery Products Corporation, a California corporation**, by virtue of the following:

> Limited Warranty Deed from Phipps Land Company, Inc., a Delaware corporation, to Avery Products Corporation, a California corporation, dated August 29, 1974, filed for record September 3, 1974 at 3:00 p.m., recorded in Deed Book 554, Page 302, Records of Hall County, Georgia.

Subject to those objections and exceptions set out on **EXHIBIT "B"** attached hereto and by reference made a part hereof and the following:

(a) All matters of record subsequent to the date of this Certificate.

(b) Matters affecting the title which are not of record, or which, if they are of record, are not indexed in such a manner that a reasonably prudent search would have revealed them to the examiner.

(c) Such state of facts as would be disclosed by a current, accurate survey and careful visual inspection of the Property.

(d) Encroachments, except such as in our opinion do not materially affect the value of the Property.

(e) Title to that portion of the Property within the bounds of any public road.

(f) The riparian rights of abutting owners on any stream running through the Property.

(g) Rights or claims of parties in possession of the Property.

(h) Any violation of all zoning laws, ordinances or regulations, municipal or county, and all governmental regulations of the use and occupancy of the Property, including the regulation or condemnation of the land or any building or structure thereon.

(i) Taxes not due and payable at the date of this Certificate, and taxes coming due and payable for all future times.

(j) Unrecorded claims of lien for labor or material furnished for the improvement of the Property.

(k) Street improvement liens which have not been properly placed of record.

(l) Past due utility bills, which, while not technically liens, will deter the municipal authority or utility company from transferring meters or service until the bills have been paid.

(m) Pay-as-you-enter water or sewer lines, which, while not technically liens, will be payable upon connection with such lines.

(n) All governmental liens for the clean up of toxic waste which are not filed in the public records of the county in which the Property lies.

(o) No certification is made as to the exact amount of acreage contained in the Property.

The effective date of this Certificate of Title is March 14, 2011.

CALLOWAY & CALLOWAY, P.C.

By: _____
George C. Calloway, Esq.

GCC/dlb

EXHIBIT "A"

Tract I:

All that tract or parcel of land lying and being in Land Lot 73 of the 8th District of Hall County, Georgia and being more particularly described as follows:

TO FIND THE POINT OF BEGINNING, commence at an iron pin located at the corner common to and formed by Land Lots 72, 73, 92 and 93 aforesaid district and county; thence North 29° 31' West along the western land lot line of said Land Lot 73, 161.94 feet to an iron pin located on the northwestern right-of-way of State Route No. 365 and the POINT OF BEGINNING; thence North 29° 31' 08" West along said western land lot line of Land Lot 73, 2,603.44 feet to an iron pin; thence North 85° 13' 52" East, 834.82 feet to an iron pin; thence South 29° 31' 08" East, 626.97 feet to a point; thence southwesterly and southeasterly along a curve to the left, which curve is the circumference of a circle having a 60.0 foot radius, an arc distance of 188.50 feet to a point, said arc having a chord bearing of South 29° 31' 08" East, 120.0 feet; thence South 29° 31' 08" East, 1251.77 feet to an iron pin located on the northwestern right-of-way line of said State Route No. 365; thence South 42° 48' 27" West along said northwestern right-of-way line, 229.86 feet to a concrete monument; thence South 42° 33' 57" West along said northwestern right-of-way line, 124.46 feet to a concrete monument; thence South 41° 08' 17" West along said northwestern right-of-way line, 298.72 feet to a concrete monument; thence South 41° 20' 41" West along said northwestern right-of-way line, 146.96 feet to an iron pin and the POINT OF BEGINNING.

Also together with a nonexclusive easement in favor of Grantee, its successors, assigns and invitees, for purposes of ingress and egress in, on, over and across the following described property entitled "Tract II", together with the right to construct, operate and maintain* continuously upon, along or under said property any line, pipe, fixture, or apparatus necessary for utility purposes. Grantor reserves for itself, its successors and assigns, the right to dedicate all or any portion of said ~~property~~ Tract II as a public road.

* at Grantee's sole cost and expense

Tract II:

All that tract or parcel of land lying and being in Land Lot 73 of the 8th District of Hall County, Georgia and being more particularly described as follows:

TO FIND THE POINT OF BEGINNING, commence at an iron pin located at the corner common to and formed by Land Lots 72, 73, 92 and 93 aforesaid district and county; thence North 29°31' West along the western land lot line of Land Lot 73, 161.94 feet to an iron pin located on the northwestern right-of-way line of State Route No. 365; thence North 29°31'08" West along said western Land Lot line of Land Lot 73, 2603.44 feet to an iron pin; thence North 85°13'52" East 834.82 feet to an iron pin, and the POINT OF BEGINNING, which point is also the northeastern corner of Tract I: thence northeasterly along a curve to the right, an arc distance of 250.24 feet to a point, said arc having a chord bearing North 02°31'08" West, 241.08 feet; thence North 24°28'52" East, 72.39 feet to a point on the southwestern right-of-way line of Thurman Tanner Road (60-foot right-of-way); thence South 64°07'56" East along the southwestern right-of-way line of said Thurman Tanner Road, 60.02 feet to a point; thence South 24°28'52" West, 70.94 feet to a point; thence southerly along a curve to the left, an arc distance of 193.69 feet to a point, said arc having a chord bearing South 02°31'08" East, 186.60 feet; thence South 29°31'08" East, 686.97 feet to a point; thence southwesterly, northwesterly and northeasterly along a curve to the right, which curve is the circumference of a circle having a 60-foot radius, an arc distance of 282.75 feet to a point, said arc having a chord bearing North 74°31'08" West, 84.85 feet; thence North 29°31'08" West, 626.97 feet to the POINT OF BEGINNING.

The above courses and distances are taken from a plat of survey for Avery Products Corporation and Phipps Land Company, Inc. by McGill-Grogan & Associates, Inc., dated July 22, 1974.

EXHIBIT "A" (Cont'd.)

LESS AND EXCEPT:

A certain parcel or tract of land, containing 3.228 acres, lying and being situate in land lot 73 of the 8th land district, Hall County, Georgia, and being more particularly described as follows:

To find the true point of beginning, commence at the point common to land lots 72, 73, 91 and 92 of the 8th land district, Hall County, Georgia; thence run north 29 degrees 31 minutes 00 seconds west 161.94 feet to a point; thence north 41 degrees 20 minutes 41 seconds east 146.96 feet to a point; thence north 41 degrees 08 minutes 17 seconds east 298.72 feet to a point; thence north 42 degrees 33 minutes 57 seconds east 124.46 feet to a point; thence north 42 degrees 48 minutes 27 seconds east 229.86 feet to a point; thence north 29 degrees 31 minutes 08 seconds west 806.86 feet to a point; thence south 60 degrees 28 minutes 52 seconds west 128.87 feet to the TRUE POINT OF BEGINNING, thence south 60 degrees 32 minutes 11 seconds west 383.09 feet to a point; thence north 29 degrees 29 minutes 31 seconds west 367.80 feet to a point; thence north 60 degrees 31 minutes 59 seconds east 383.02 feet to a point; thence south 29 degrees 30 minutes 11 seconds east 367.10 feet to the true point of beginning, all as shown in detail on plat for Avery Label Systems, prepared by Bruner Engineering Company, Inc., dated January 23, 1981, which is made a part hereof by reference, together with all improvements thereon.

EXHIBIT "B"

1. All taxes pertaining to the subject property. Please note that 2010 real property ad valorem taxes for Map Reference No. 08073-000003A were paid December 7, 2010, as follows:

   (a) State and County property taxes were paid in the amount of $28,208.49; and

   (b) City of Flowery Branch property taxes were paid in the amount of $3,122.41.

2. One half acre reserved for a graveyard contained in Warranty Deed from A. D. Bagwell to Thurmon D. Tanner, dated August 5, 1952, recorded August 7, 1952 in Deed Book 136, Page 368, Records of Hall County, Georgia.

3. Easement condemned in Condemnation styled State Highway Dept of Ga. vs. 24.133 acres of land and Thurman D. Tanner and Federal Land Bank, M.D. No. 6170, Hall Superior Court, dated July 25, 1967, recorded in Minute Book 29-A, Page 457, aforesaid Records.

4. Covenants and restrictions contained in Limited Warranty Deed from Phipps Land Company, Inc., a Delaware corporation, to Avery Products Corporation, a California corporation, dated August 29, 1974, filed for record September 3, 1974 at 3:00 p.m., recorded in Deed Book 554, Page 302, aforesaid Records.

5. The grantor in the Warranty Deed recorded in Deed Book 735, Page 266, aforesaid Records, is Avery International Corporation, a Delaware corporation, whereas the current title holder of the subject property is Avery Products Corporation, a California corporation.

6. Restrictive Covenant by Avery Dennison Corporation, a Delaware corporation, dated as of May 2, 2008, filed for record June 18, 2008 at 11:30 a.m., recorded in Deed Book 6361, Page 9, aforesaid Records.

7. Perpetual Easement/Facilities Dedication-Water from Avery Dennison Corporation to the City of Gainesville, Georgia, dated May 1, 2009, filed for record October 7, 2009 at 4:37 p.m., recorded in Deed Book 6617, Page 460, aforesaid Records.

8. All matters disclosed by Plat recorded in Plat Book 858, Page 26, aforesaid Records.

9. Assignment between the Gainesville and Hall County Development Authority, a body corporate and politic and an instrumentality of the City of Gainesville and of Hall County, Georgia, created and existing under the laws of the State of Georgia, and Morgan Guaranty Trust Company of New York, a state banking corporation organized and existing under the laws of the State of New York, dated as of January 1, 1981, filed for record February 25, 1981 at 7:34 a.m., recorded in Deed Book 735, Page 268, aforesaid Records.

CERTIFICATE

I, Vikas Arora, do hereby certify that I am the duly elected Vice President, Assistant General Counsel and Assistant Secretary of Avery Dennison Corporation, a Delaware corporation.

I also certify that the on April 1, 1976, the name of Avery Products Corporation was changed to Avery International Corporation and that a true, complete and correct copy of the Certificate of Amendment of Articles of Incorporation of Avery Products Corporation documenting such name change is attached hereto.

I also certify that on October 17, 1990, the name of Avery International Corporation was changed to Avery Dennison Corporation and that a true, complete and correct copy of the Certificate of Amendment to Certificate of Incorporation of Avery International Corporation documenting such name change is attached hereto.

In witness whereof, the undersigned has signed his name and affixed the seal of the Company this 9th day of December, 2011.

Vikas Arora

CERTIFICATE OF AMENDMENT OF ARTICLES
OF
INCORPORATION
OF
AVERY PRODUCTS CORPORATION

ENDORSED
FILED
In the office of the Secretary of State
of the State of California
APR 1 1976
MARCH FONG EU, Secretary of State
By BILL HOLDEN
Deputy

Charles D. Miller and James E. McCormick certify:

1. That they are the President and Secretary, respectively, of Avery Products Corporation, a California corporation.

2. That at a meeting of the Board of Directors of said corporation, duly held at San Marino, California, on March 31, 1976, the following resolution was adopted:

RESOLVED, that Article ONE of the Articles of Incorporation of this Corporation be amended to read as follows:

"ONE

The name of this corporation is
Avery International Corporation."

3. That the shareholders have adopted said amendment by resolution held at Pasadena, California, on March 31, 1976. That the wording of the amended article, as set forth in the shareholders' resolution, is the same as that set forth in the Directors' resolution in paragraph 2 above.

4. That the number of shares which voted affirmatively for the adoption of said resolution is 7,818,906, and that the total number of shares entitled to vote on or consent to said amendment is 9,571,106.

Charles D. Miller, President

James E. McCormick, Secretary

Each of the undersigned declares under penalty of perjury that the matters set forth in the foregoing certificate are true and correct.

Executed at San Marino, California, this 31 day of March, 1976.

Charles D. Miller

James E. McCormick

State of California

OFFICE OF THE SECRETARY OF STATE

I, *MARCH FONG EU*, Secretary of State of the State of California, hereby certify:

That the annexed transcript has been compared with the record on file in this office, of which it purports to be a copy, and that same is full, true and correct.

IN WITNESS WHEREOF, I execute this certificate and affix the Great Seal of the State of California this

APR 1- 1976

March Fong Eu

Secretary of State

BK-Z130PG071

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 09:00 AM 10/17/1990
680290050 - 834948

CERTIFICATE OF AMENDMENT TO CERTIFICATE OF INCORPORATION OF

AVERY INTERNATIONAL CORPORATION

Avery International Corporation, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

1. That the Board of Directors of Avery International Corporation, at a meeting thereof held on May 24, 1990, duly adopted resolutions setting forth a proposed amendment to the Certificate of Incorporation of said corporation, and directed that such proposed amendment be considered at a special meeting of stockholders on September 11, 1990. Said proposed amendment would change the name of the Corporation to Avery Dennison Corporation by amending Article I thereof to read in its entirety as follows:

"ARTICLE I

"The name of the Corporation is: AVERY DENNISON CORPORATION."

2. That a Special Meeting of Stockholders was duly called and held upon notice in accordance with Section 222 of the General Corporation Law of the State of Delaware on September 11, 1990, and that at such meeting a majority of the outstanding shares of Common Stock entitled to vote (said corporation's Common Stock constituting the only class of its stock outstanding) voted in favor of such amendment in accordance with Sections 212 and 242 of the General Corporation Law of the State of Delaware.

3. That said amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said Avery International Corporation has caused this Certificate to be signed by Charles D. Miller, its Chairman of the Board and Chief Executive Officer, and attested by Robert G. van Schoonenberg, its Secretary, this 15th day of October, 1990.

AVERY INTERNATIONAL CORPORATION

Charles D. Miller
Chairman of the Board and
Chief Executive Officer

ATTEST:

Robert G. van Schoonenberg
Secretary

State of Delaware

Office of Secretary of State

I, MICHAEL HARKINS, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF AVERY INTERNATIONAL CORPORATION FILED IN THIS OFFICE ON THE SEVENTEENTH DAY OF OCTOBER, A.D. 1990, AT 9 O'CLOCK A.M.

| | | | | | | | | | |

RECEIVED FOR RECORD

Oct. 19 A.D. 1990

Michael T Savage

RECORDER

$4.00 STATE DOCUMENT FEE PAID

Michael Harkins, Secretary of State

AUTHENTICATION: 12825588

DATE: 10/17/1990

680290050

PRENTICE - HALL
JOB # 300-90-00559
C. Bocket - Newport
RECORDED COPY

1170

STATE OF DELAWARE
KENT COUNTY
} INDEXED

RECORDED In the Office for the Recording of Deeds, Etc. at Dover, In and for the said County of Kent, In Corp. Record 2 Vol. 130 Page 70 Etc. the 19th day of October A. D. 1990
WITNESS my Hand and the Seal of said office.

Michael I Scuse Recorder

Calloway & Calloway, P.C.

Attorneys at Law
6133 Peachtree Dunwoody Road, N.E.
Atlanta, Georgia 30328

Phone: (770) 394-7000 **Fax: (770) 698-2028**

CERTIFICATE OF TITLE

PREPARED FOR AND LIMITED TO THE USE OF: **TROUTMAN SANDERS LLP** **Attn: William W. Burton, Esq.**	**Re: Property of Avery Dennison Corporation, a Delaware corporation; Land Lot 73, 8th District, Hall County, Georgia; STS File No. 1278.0060(B)**

NOTE: All others who rely hereon do so at their own risk.

This is to certify that we have carefully examined the title to the real property described on **EXHIBIT "A"** attached hereto and by reference made a part hereof (the "Property"), as officially and correctly indexed in the public records of the county in which said Property lies, and that good merchantable title in **FEE SIMPLE** is vested in **Avery Dennison Corporation, a Delaware corporation**, by virtue of the following:

> Warranty Deed and Bill of Sale from the Gainesville and Hall County Development Authority, a body corporate and politic and an instrumentality of the City of Gainesville and of Hall County, Georgia, created and existing under the laws of the State of Georgia, to Avery Dennison Corporation, a Delaware corporation qualified to do business in Georgia, dated as of October 18, 2007, filed for record October 25, 2007 at 10:19 a.m., recorded in Deed Book 6194, Page 427, Records of Hall County, Georgia.

Subject to those objections and exceptions set out on **EXHIBIT "B"** attached hereto and by reference made a part hereof and the following:

(a) All matters of record subsequent to the date of this Certificate.

(b) Matters affecting the title which are not of record, or which, if they are of record, are not indexed in such a manner that a reasonably prudent search would have revealed them to the examiner.

(c) Such state of facts as would be disclosed by a current, accurate survey and careful visual inspection of the Property.

(d) Encroachments, except such as in our opinion do not materially affect the value of the Property.

(e) Title to that portion of the Property within the bounds of any public road.

(f) The riparian rights of abutting owners on any stream running through the Property.

(g) Rights or claims of parties in possession of the Property.

(h) Any violation of all zoning laws, ordinances or regulations, municipal or county, and all governmental regulations of the use and occupancy of the Property, including the regulation or condemnation of the land or any building or structure thereon.

(i) Taxes not due and payable at the date of this Certificate, and taxes coming due and payable for all future times.

(j) Unrecorded claims of lien for labor or material furnished for the improvement of the Property.

(k) Street improvement liens which have not been properly placed of record.

(l) Past due utility bills, which, while not technically liens, will deter the municipal authority or utility company from transferring meters or service until the bills have been paid.

(m) Pay-as-you-enter water or sewer lines, which, while not technically liens, will be payable upon connection with such lines.

(n) All governmental liens for the clean up of toxic waste which are not filed in the public records of the county in which the Property lies.

(o) No certification is made as to the exact amount of acreage contained in the Property.

The effective date of this Certificate of Title is March 14, 2011.

CALLOWAY & CALLOWAY, P.C.

By: _____
George C. Calloway, Esq.

GCC/dlb

EXHIBIT "A"

A certain parcel or tract of land, containing 3.228 acres, lying and being situate in land lot 73 of the 8th land district, Hall County, Georgia, and being more particularly described as follows:

To find the true point of beginning, commence at the point common to land lots 72, 73, 91 and 92 of the 8th land district, Hall County, Georgia; thence run north 29 degrees 31 minutes 00 seconds west 161.94 feet to a point; thence north 41 degrees 20 minutes 41 seconds east 146.96 feet to a point; thence north 41 degrees 08 minutes 17 seconds east 298.72 feet to a point; thence north 42 degrees 33 minutes 57 seconds east 124.46 feet to a point; thence north 42 degrees 48 minutes 27 seconds east 229.86 feet to a point; thence north 29 degrees 31 minutes 08 seconds west 806.86 feet to a point; thence south 60 degrees 28 minutes 52 seconds west 128.87 feet to the TRUE POINT OF BEGINNING, thence south 60 degrees 32 minutes 11 seconds west 383.09 feet to a point; thence north 29 degrees 29 minutes 31 seconds west 367.80 feet to a point; thence north 60 degrees 31 minutes 59 seconds east 383.02 feet to a point; thence south 29 degrees 30 minutes 11 seconds east 367.10 feet to the true point of beginning, all as shown in detail on plat for Avery Label Systems, prepared by Bruner Engineering Company, Inc., dated January 23, 1981, which is made a part hereof by reference, together with all improvements thereon.

EXHIBIT "B"

1. All taxes pertaining to the subject property. Please note that 2010 real property ad valorem taxes for Map Reference No. 08073-000003D were paid December 7, 2010, as follows:

   (a) State and County property taxes were paid in the amount of $19,574.50; and

   (b) City of Flowery Branch property taxes were paid in the amount of $2,166.71.

2. One half acre reserved for a graveyard contained in Warranty Deed from A. D. Bagwell to Thurmon D. Tanner, dated August 5, 1952, recorded August 7, 1952 in Deed Book 136, Page 368, Records of Hall County, Georgia.

3. Easement condemned in Condemnation styled State Highway Dept of Ga. vs. 24.133 acres of land and Thurman D. Tanner and Federal Land Bank, M.D. No. 6170, Hall Superior Court, dated July 25, 1967, recorded in Minute Book 29-A, Page 457, aforesaid Records.

4. The grantor in the Warranty Deed recorded in Deed Book 735, Page 266, aforesaid Records, is Avery International Corporation, a Delaware corporation, whereas the current title holder, at that time, was Avery Products Corporation, a California corporation.

5. Restrictive Covenant by Avery Dennison Corporation, a Delaware corporation, dated as of May 2, 2008, filed for record June 18, 2008 at 11:30 a.m., recorded in Deed Book 6361, Page 9, aforesaid Records.

6. Perpetual Easement/Facilities Dedication-Water from Avery Dennison Corporation to the City of Gainesville, Georgia, dated May 1, 2009, filed for record October 7, 2009 at 4:37 p.m., recorded in Deed Book 6617, Page 460, aforesaid Records.

7. All matters disclosed by Plat recorded in Plat Book 858, Page 26, aforesaid Records.

8. Assignment between the Gainesville and Hall County Development Authority, a body corporate and politic and an instrumentality of the City of Gainesville and of Hall County, Georgia, created and existing under the laws of the State of Georgia, and Morgan Guaranty Trust Company of New York, a state banking corporation organized and existing under the laws of the State of New York, dated as of January 1, 1981, filed for record February 25, 1981 at 7:34 a.m., recorded in Deed Book 735, Page 268, aforesaid Records.

Rev. 10-8

8-73-3A
out of 8-73-3

GEORGIA STATE OFFICE
TITLE BUILDING
ATLANTA, GEORGIA 3030

Lawyers Title Insurance Corporation

ATLANTA BRANCH OFFICE

302

LIMITED WARRANTY DEED

STATE OF GEORGIA COUNTY OF FULTON

THIS INDENTURE, Made the 29th day of August, in the year one thousand nine hundred seventy-four, between

PHIPPS LAND COMPANY, INC.,
a Delaware corporation

of the County of , and State of Georgia, as party or parties of the first part, hereinafter called Grantor, and

AVERY PRODUCTS CORPORATION,
a California corporation

as party or parties of the second part, hereinafter called Grantee (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

WITNESSETH that: Grantor, for and in consideration of the sum of TEN AND NO/100----------($10.00) DOLLARS in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto the said Grantee,

all that tract or parcel of land lying and being in Land Lot 73 of the 8th District of Hall County, Georgia, and being more particularly described on Exhibit A attached hereto and made a part hereof.

Georgia, Hall County, Clerk Superior Court
Filed in office, this 3 day of September
1974 at 3 P M. Recorded in Book 554
Page 312-313 this 4 day of September 1974
H. Grady Watson
H. GRADY WATSON, Clerk

HALL COUNTY, Georgia
Real Estate Transfer Tax
Paid $ 3.60
Date Sept. 3, 1974
H. GRADY WATSON
Clerk of Superior Court
By: CG

This conveyance is subject to the restrictive covenants contained on Exhibit B attached hereto. By acceptance of this conveyance, Grantee agrees to abide by and comply with said covenants.

LA

Exhibit B. Plat Book 57
Page 184-185

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, members and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the only proper use, benefit and behoof of the said Grantee forever in FEE SIMPLE.

AND THE SAID Grantor will warrant and forever defend the right and title to the above described property unto the said Grantee against the claims of all persons ~~whomsoever~~ claiming by, through or under Grantor.

IN WITNESS WHEREOF, the Grantor has signed and sealed this deed, the day and year above written.

Signed, sealed and delivered in presence of:

Notary Public, Georgia, State at Large
My Commission Expires Jan. 11, 1976

PHIPPS LAND COMPANY, INC.

By: Burke G. Thompson (Seal)
Senior Vice President

Attest: (Corporate Seal)
Asst Secty

(Seal)

EXHIBIT A

Tract I: 303

All that tract or parcel of land lying and being in Land Lot 73 of the 8th District of Hall County, Georgia and being more particularly described as follows:

TO FIND THE POINT OF BEGINNING, commence at an iron pin located at the corner common to and formed by Land Lots 72, 73, 92 and 93 aforesaid district and county; thence North 29° 31' West along the western land lot line of said Land Lot 73, ~~161.94~~ feet to an iron pin located on the northwestern right-of-way of State Route No. 365 and the POINT OF BEGINNING; thence North 29° 31' 08" West along said western land lot line of Land Lot 73, 2,603.44 feet to an iron pin; thence North 85° 13' 52" East, 834.82 feet to an iron pin; thence South 29° 31' 08" East, 626.97 feet to a point; thence southwesterly and southeasterly along a curve to the left, which curve is the circumference of a circle having a 60.0 foot radius, an arc distance of 188.50 feet to a point, said arc having a chord bearing of South 29° 31' 08" East, 120.0 feet; thence South 29° 31' 08" East, 1251.77 feet to an iron pin located on the northwestern right-of-way line of said State Route No. 365; thence South 42° 48' 27" West along said northwestern right-of-way line, 229.86 feet to a concrete monument; thence South 42° 33' 57" West along said northwestern right-of-way line, 124.46 feet to a concrete monument; thence South 41° 08' 17" West along said northwestern right-of-way line, 298.72 feet to a concrete monument; thence South 41° 20' 41" West along said northwestern right-of-way line, 146.96 feet to an iron pin and the POINT OF BEGINNING.

Also together with a nonexclusive ~~easement~~ in favor of Grantee, its successors, assigns and invitees, for purposes of ingress and egress in, on, over and across the following described property entitled "Tract II", ~~together~~ with the right to construct, operate and maintain* ~~continuously~~ upon, along or under said property any line, pipe, fixture, or apparatus necessary for utility purposes. Grantor reserves for itself, its successors and assigns, the right to dedicate all or any portion of said ~~property~~ Tract II as a public road.

* at Grantee's sole cost and expense

Tract II

easement

All that tract or parcel of land lying and being in Land Lot 73 of the 8th District of Hall County, Georgia and being more particularly described as follows:

TO FIND THE POINT OF BEGINNING, commence at an iron pin located at the corner common to and formed by Land Lots 72, 73, 92 and 93 aforesaid district and county; thence North 29°31' West along the western land lot line of Land Lot 73, 161.94 feet to an iron pin located on the northwestern right-of-way line of State Route No. 365; thence North 29°31'08" West along said western Land Lot line of Land Lot 73, 2603.44 feet to an iron pin; thence North 85°13'52" East 834.82 feet to an iron pin, and the POINT OF BEGINNING, which point is also the northeastern corner of Tract I: thence northeasterly along a curve to the right, an arc distance of 250.24 feet to a point, said arc having a chord bearing North 02°31'08" West, 241.08 feet; thence North 24°28'52" East, 72.39 feet to a point on the southwestern right-of-way line of Thurman Tanner Road (60-foot right-of-way); thence South 64°07'56" East along the southwestern right-of-way line of said Thurman Tanner Road, 60.02 feet to a point; thence South 24°28'52" West, 70.94 feet to a point; thence southerly along a curve to the left, an arc distance of 193.69 feet to a point, said arc having a chord bearing South 02°31'08" East, 186.60 feet; thence South 29°31'08" East, 686.97 feet to a point; thence southwesterly, northwesterly and northeasterly along a curve to the right, which curve is the circumference of a circle having a 60-foot radius, an arc distance of 282.75 feet to a point, said arc having a chord bearing North 74°31'08" West, 84.85 feet; thence North 29°31'08" West, 626.97 feet to the POINT OF BEGINNING.

The above courses and distances are taken from a plat of survey for Avery Products Corporation and Phipps Land Company, Inc. by McGill-Grogan & Associates, Inc., dated July 22, 1974.

GEORGIA, HALL COUNTY, CLERK
SUPERIOR COURT FILED IN OFFICE
AND RECORDED IN BOOK 6194
PAGE (S) 427-430 THIS 25
DAY OF OCT 2007 AT 10:19 AM
DWIGHT S. WOOD, CLERK BY JC

Mail
Moreland Altobelli Associates
P O Box 1454
Gainesville Ga 30503

WARRANTY DEED AND BILL OF SALE

000427

035200

STATE OF GEORGIA

COUNTY OF HALL

THIS INDENTURE, made as of October 18, 2007 by and between the GAINESVILLE AND HALL COUNTY DEVELOPMENT AUTHORITY, a body corporate and politic and an instrumentality of the City of Gainesville and of Hall County, Georgia, created and existing under the laws of the State of Georgia (the "Grantor"), and Avery Dennison Corporation a Delaware corporation qualified to do business in Georgia (the "Grantee"), and its successors and assigns;

WITNESSETH:

WHEREAS, pursuant to an Agreement of Sale and Facilities Financing Agreement, dated as of January 1, 1981 (the "Agreement"), between and among the Grantor, the Grantee and Morgan Guaranty Trust Company of New York, a state banking corporation having a principal corporate trust office in the City of New York, New York (the "Bank"), the Grantee, as the designated agent of the Grantor, undertook to acquire, construct and install a "Project" (defined in the Agreement) and the Grantor agreed to bargain, sell and convey the Project to the Grantee at the time and for the considerations set forth in and/or contemplated by the Agreement;

NOW, THEREFORE, for the considerations set forth in and/or contemplated by the Agreement and the sum of TEN DOLLARS ($10.00), the receipt of which is acknowledged, the Grantor by these presents hereby (1) bargains, grants, sells and conveys to the Grantee, its successors and assigns, forever, all right, title and interest in and to all real and personal property comprising the Project more fully described in Exhibits "1" and "2" attached hereto, and (2) assigns to the Grantee, its successors and assigns, forever, all warranties and guaranties of all contractors, subcontractors, suppliers, architects and engineers for the furnishing of labor, materials, supplies or equipment or supervision or design in connection with the Project and any rights or causes of action arising from or against any of the foregoing.

TO HAVE AND TO HOLD all of said real and personal property comprising the Project, together with all the hereditaments and appurtenances thereunto belonging or in anywise appertaining, to the Grantee, its successors and assigns, forever. And the Grantor, for its successors and assigns, does agree that it has the full right and authority to bargain, grant, sell and convey the Project to the Grantee, its successors and assigns, forever, and that it has not mortgaged, sold, hypothecated, assigned, transferred or conveyed, nor will it prior to the delivery of this instrument to the Grantee, mortgage, sell, hypothecate, assign, transfer or convey the Project or any part thereof except as is set forth in and/or contemplated

by the Agreement. And the Grantor, for its successors and assigns, does further agree that it has not created, suffered or placed, nor will it prior to the delivery of this instrument to the Grantee upon the condition and at the time set forth in the Agreement, create, suffer or place on the Project any liens, encumbrances, exceptions or other defects, subject, however, to "Permitted Encumbrances" (defined in the Agreement) and to such other, if any, liens, encumbrances, exceptions or other defects to the creation of which the Grantee has consented or to which it may hereafter consent and those, if any, resulting from any failure of the Grantee to observe and perform any of the agreements on its part contained in the Agreement. Except with respect to the hereinbefore-mentioned items and excluding all real and/or personal property comprising the Project which ceases to be a part of the Project prior to the delivery of this instrument as set forth in and/or contemplated by the Agreement, the Grantor will warrant and defend the title to all real and personal property comprising the Project against all persons lawfully claiming the same from, through or under it.

THE GRANTOR MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE CONDITION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PROJECT.

IN WITNESS WHEREOF, the Grantor has caused this Warranty Deed and Bill of Sale to be executed in its name by its Chairman and its official seal to be affixed hereto and attested by its Secretary, all as of the date first above written.

GAINESVILLE AND HALL COUNTY DEVELOPMENT AUTHORITY

By: _____
Chairman

Attest: _____
Secretary

(CORPORATE SEAL)

Signed, sealed and delivered
in presence of:

_____
Unofficial Witness

_____
Notary Public
My Commission Expires: _____
(NOTARIAL SEAL)

HALL COUNTY, Georgia
Real Estate Transfer Tax
Paid $ -0-
Date 10-25-07
DWIGHT S. WOOD
Clerk Superior Court
By _____
069-2007-008722

EXHIBIT "1"

to

Warranty Deed and Bill of Sale
from
GAINESVILLE AND HALL COUNTY DEVELOPMENT AUTHORITY

Description of Real Property Conveyed:

A certain parcel or tract of land, containing 3.228 acres, lying and being situate in land lot 73 of the 8th land district, Hall County, Georgia, and being more particularly described as follows:

To find the true point of beginning, commence at the point common to land lots 72, 73, 91 and 92 of the 8th land district, Hall County, Georgia; thence run north 29 degrees 31 minutes 00 seconds west 161.94 feet to a point; thence north 41 degrees 20 minutes 41 seconds east 146.96 feet to a point; thence north 41 degrees 08 minutes 17 seconds east 298.72 feet to a point; thence north 42 degrees 33 minutes 57 seconds east 124.46 feet to a point; thence north 42 degrees 48 minutes 27 seconds east 229.86 feet to a point; thence north 29 degrees 31 minutes 08 seconds west 806.86 feet to a point; thence south 60 degrees 28 minutes 52 seconds west 128.87 feet to the TRUE POINT OF BEGINNING, thence south 60 degrees 32 minutes 11 seconds west 383.09 feet to a point; thence north 29 degrees 29 minutes 31 seconds west 367.80 feet to a point; thence north 60 degrees 31 minutes 59 seconds east 383.02 feet to a point; thence south 29 degrees 30 minutes 11 seconds east 367.10 feet to the true point of beginning, all as shown in detail on plat for Avery Label Systems, prepared by Bruner Engineering Company, Inc., dated January 23, 1981, which is made a part hereof by reference, together with all improvements thereon.

Together with a right of way for purposes of ingress and egress across the lands now owned by Avery International Corporation in Land Lot 73 of the 8th land district of Hall County, Georgia; provided, however, said right of way shall be no more than 30 feet in width and shall be established in such a way that it does not interfere with any improvements now located on said property and shall be relocated at the expense of the dominant tenament in the event the owner of the subservient tenament wishes in the future to construct or erect improvements on said lands.

EXHIBIT "2"

to

Warranty Deed and Bill of Sale
from
GAINESVILLE AND HALL COUNTY DEVELOPMENT AUTHORITY
to

Description of Personal Property Conveyed:

Printing, cutting and packaging machinery and equipment for use in the manufacture of pressure-sensitive labels, all as is with more particularly described in the books and records of the Company and accounted for under Authorizations for Expenditure numbered 342, 428, 444, 445, 493 and 513. All of said machinery and equipment is to be located at the Company's facilities in Hall County, Georgia.

Gainesville - Hall County GIS

Map Tools

Theme: Desert

Search

Parcel / Owner Search
Address Search
Intersection Search
Subdivision Search
Street Name Search
Property Sales Search
Results

Work With Map

Selection
Redlining
Measure
Search by Coordinates

Map Content

* Right-click a layer for more functions

hallgis

- **Parcel Layers**
- Parcel Sales Last 3 yrs
- **Facilities**
- **Monuments**
- **Transportation**
- Buildings
- County Commission Dist
- Gainesville Council Wards
- City limits
- Land lots
- Land districts
- Soils
- Subdivision lots
- Subdivisions
- **Hydrology**

Apply

Base Map | Zoning | Utilities | Fire Services | Law Enf | Elections | Pictometry

Map Help Tax Dept Link

Scale 1: 6,805.79 GO

X : -83.9030 , Y : 34.2004

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APPENDIX B

COMPLIANCE STATUS REPORT – REVISION 3

MARCH 31, 2010

AVERY DENNISON FACILITY

FLOWERY BRANCH, GA

HSI #10578

(PORTABLE DOCUMENT FORMAT on CD)

COMPLIANCE STATUS REPORT

Revision 3
March 31, 2010

Avery Dennison Facility
Flowery Branch, Georgia
HSI No. 10578

Prepared for:
Avery Dennison Corporation.
7 Bishop Street
Framingham, Massachusetts
01702

Prepared by:
The Johnson Company, Inc.
100 State Street
Montpelier, Vermont
05602

Project No.: 1-0145-4

The Johnson Company

ENVIRONMENTAL SCIENCE AND ENGINEERING SOLUTIONS

PARTNERS FOR SMART THINKING AND CREATIVE STRATEGIES

EXECUTIVE SUMMARY

This Compliance Status Report (CSR) has been prepared to document the current status of the Avery Dennison (Avery) Facility located at 4350 Avery Drive in Flowery Branch, Georgia (the Property) with regard to the risk reduction standards (RRS) of Section 391-3-19.07 of the Rules of the Georgia Department of Natural Resources Environmental Protection Division (Rules).

Avery notified the Georgia Environmental Protection Division (EPD) of four historical releases at the Avery Facility in a Hazardous Site Release Act (HSRA) Release Notification Form dated March 3, 1994, and a supplemental notification provided to EPD on June 29, 1998. The releases are associated with the Facility's use of TR-111, a mixture of 90 percent 1,1,1-trichloroethane (1,1,1-TCA) and 10 percent toluene. Manufacturing activities at the Facility ceased in August 2006.

Site investigations were performed on Avery's behalf by Premier Environmental Services, LLC (Premier) until 2004, and by The Johnson Company (JCO) thereafter. JCO has addressed data gaps in prior investigations and performed a comprehensive Site investigation in 2004-2005 based on updated Site reconnaissance. Revision 1 of the CSR was submitted to EPD in November 2005, and EPD provided comments on Revision 1 to Avery in March 2007. Additional Site investigations were performed in 2007 to address EPD's comments, and to gather additional data necessary to evaluate corrective action alternatives. Results from the 2007 additional investigations were reported in Revision 2 of the CSR, which was submitted to EPD in March 2008, and a Corrective Action Plan (CAP), submitted to EPD in May 2008. EPD provided comments on Revision 2 of the CSR and the CAP in January 2009. Additional investigations were performed in 2009 to address EPD comments on the March 2008 CSR and May 2008 CAP. Following submission of this CSR, submittal of a revised CAP is due by May 31, 2010.

This CSR is based on multiple data sets collected during a stage-wise investigation involving several different media: soil vapor, soil, sediment, groundwater, and surface water; and three different geologic units: unconsolidated deposits, weathered bedrock, and bedrock. The horizontal and vertical extent of contamination in soil and groundwater has been defined per the HSRA Rules. Multiple sentry wells located in unconsolidated deposits and bedrock downgradient of the Site have shown no detection of contaminants during multiple rounds of monitoring.

Two separate sources of volatile organic compounds (VOC) to groundwater have been identified: one located near the western corner of the Facility (the western source area) around the former main septic tank and associated piping and fill; and one located near the southern corner of the Facility associated with the accidental 1991 release of TR-111 from a 250-gallon above-ground storage tank (the southern source area). Focused source area characterizations show that constituents associated with the western source area extend from below the water table through unconsolidated deposits and weathered bedrock and into fractured bedrock; whereas constituents associated with the southern source area are limited to a smaller area and are present only within unconsolidated deposits and weathered bedrock. Ten separate rounds of groundwater and surface water sampling conducted from 2005-2009 show plumes emanating from both source areas. In addition, recent data shows non-Site related contaminants are also migrating onto Avery property in groundwater from an upgradient source.

Within the zone of impacted groundwater, there is considerable groundwater flow exchange of dissolved VOC mass between the competent bedrock, weathered bedrock, and unconsolidated deposits. Migration of VOC within unconsolidated deposits, and from bedrock and weathered bedrock to unconsolidated deposits, results in discharge of VOC to surface water. The relatively shallow depth to bedrock beneath the streambed, as well as direct observations of hydraulic connection between shallow bedrock and

surface water during drilling activities adjacent to the stream, and the observed updated hydraulic gradients at several locations proximate to the stream within the VOC plume, indicate VOC in shallow bedrock is a source of VOC to surface water.

The Site is situated on two properties, both of which are subject to non-residential use: the Avery property, and the adjacent property owned by Wm. Wrigley Jr. Co. Therefore, non-residential Type 3/4 Risk Reduction Standards (RRS) apply to the Site. There are no exceedences of applicable RRS in soil. Exceedences of RRS for VOC in groundwater occurred at 26 sampling locations within or downgradient of the source areas: 12 unconsolidated deposits monitoring wells; 7 weathered bedrock monitoring wells; 5 bedrock monitoring wells; and 2 streambed monitoring wells. The VOC for which exceedences occurred are associated with TR-111, including 1,1,1-TCA and its daughter products, and associated impurities. No metals were detected in Site groundwater above Type 3/4 RRS.

The horizontal extent of VOC in soil and groundwater at the Site is shown on Figures ES-1 and ES-2, respectively. Cross-sections showing the vertical extent of VOC in groundwater are shown on Figures ES-3 and ES-4, respectively.

One VOC, 1,1-dichloroethene (1,1-DCE), a daughter product of 1,1,1-TCA degradation, was detected in surface water above In-Stream Water Quality Criteria. A Screening Level Ecological Risk Assessment (SLERA) refinement performed in 2009 concluded that Site contaminants present in surface water, sediment, and/or hyporheic zone groundwater do not pose ecological risk.

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CERTIFICATION OF COMPLIANCE WITH RISK REDUCTION STANDARDS

I certify under penalty of law that this report and all attachments were prepared under my direction in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Based on my review of the findings of this report with respect to the risk reduction standards of the Rules for Hazardous Site Response, Rule 391-3-19-.07, I have determined that this site is not in compliance with Type 4 RRS for soil or groundwater.

Bruce Martin
Corporate Manager
Environmental and Remediation Services – Global Risk
Avery Dennison Corporation
Framingham, MA

GROUNDWATER SCIENTIST STATEMENT

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in ground-water hydrology and related fields, as demonstrated by state registration, professional certifications, or completion of accredited university courses, that enable me to make sound professional judgments regarding ground-water monitoring and contaminant fate and transport.

Joel Behrsing, P.E.
Registered Professional Engineer
Georgia Registration # 33869

1.0 INTRODUCTION

1.1 CURRENT PHYSICAL PROPERTY DESCRIPTION

The Property is comprised of an approximately 30-acre parcel that is located in Land Lot 73 of the 8th District of Hall County (Parcel ID No. 8-73-000-3A). A copy of the property deed was provided to the Georgia Department of Natural Resources, Environmental Protection Division (EPD) in 2000 and is listed as item number 16 on the EPD's Hazardous Site Release Act (HSRA) docket for the Site (Premier, 2003). A letter was provided to EPD on March 25, 2008 advising EPD of severance of a 9.7 acre parcel from the northern portion of the Property, outside of the boundaries of the Site. The Property is located within a light industrial area and is bounded to the east by Baldor (formerly Rockwell Automation, Inc. / Reliance Electric); to the south by Interstate 985; to the southwest by the Wm. Wrigley Jr. Co. (Wrigley); and to the north by a wooded area, then Georgia Mountains Community Services. The Site is situated on two properties, both of which are subject to non-residential use: the Property, and the adjacent property owned by Wrigley. Figure 1-1 shows the location of the Site, Figure 1-2 presents an aerial photo of the Site and surrounding area, and Figure 1-3 shows the Property layout.

The Property was developed in 1975 and is currently improved by two large attached buildings of approximately 2.5 acres each; two outside mezzanines; an inactive railroad spur; a stormwater retention pond; and three asphalt-paved parking areas. The buildings and its mezzanines are collectively referred to as the Facility. Several truck loading docks are located along the west and east sides of the Facility, and, until 2006, multiple trash compactors for non-hazardous materials were staged along its west side. A covered, protected hazardous waste storage area was formerly located along the west side of the Facility. The Facility receives its water supply from the City of Gainesville and discharges sanitary sewage to the public sewer. The former sanitary septic system was decommissioned by Avery in Spring 2009.

Figure 1-1 shows the ground surface topography at the Property (photorevised in 1973, two years prior to construction of the facility); the average elevation in the area of the Facility is between 1,160 and 1,180 feet above mean sea level. On the southeastern side of the Property, water from at least six surface water drainage features flow from off-property into a stormwater retention pond that is controlled by a drop-inlet and concrete spillway, both of which discharge into an unnamed stream that flows toward the northwest (see Figure 1-2) before leaving the Property and flowing into Mud Creek, which eventually flows to Lake Lanier, approximately three miles from the Facility. Surface runoff from the rear (western) parking lot and internal courtyard flows to catch basins which discharge to outfalls in the wooded area to the west of the Facility. Surface runoff from the northern side of the Facility flows to catch basins which

discharge to a drainage ditch that parallels the railway spur to the north. This ditch joins to another ditch that receives runoff from Baldor and the wooded area to the north of the Facility, then drains to the unnamed stream exiting the Property onto Wrigley property then passing through a culvert underneath an active railway spur serving Wrigley into a ponded area drained by a continuing part of the tributary.

1.2 FACILITY HISTORY

Avery produced self-adhesive labels at the Facility from 1975 until its manufacturing lines were decommissioned in August 2005. All but a small portion of the manufacturing space at the Facility is currently vacant, and the remainder is used for design-space and warehousing of electronics equipment. Between 1975 and 1991, non-hazardous, water-soluble ink wastewaters were discharged to two septic systems at the Facility property: the Former Main Septic System that received sanitary wastewater from the Facility until Spring 2009 was used for the discharge of ink wastewater from 1975-1990, and the Former Industrial Septic System was used in late 1990/early 1991 (see Figure 1-3). The Facility used a limited number of commercial solvents to clean production systems. Until July 1993, the primary solvent used at the Facility was TR-111. While one piece of internal correspondence describes TR-111 as a mixture of 90 percent 1,1,1-trichloroethane (1,1,1-TCA) and 10 percent toluene, all other file documentation refers to TR-111 as an alternative name for 1,1,1-TCA. After July 1993, TR-111 was no longer used at the Facility and was replaced with a non-chlorinated compound. After use, spent solvents were stored in 55-gallon drums within a protected hazardous waste storage area until shipment to an off-site disposal site within 90 days (Premier, 2003).

A 1991 EPD inspection of the Industrial Septic System located at the southwestern edge of the Facility (removed in 1993), and a subsequent and unrelated cleanup of a 1991 release of 250 gallons or less of TR-111 from an AST at the southern corner of the Facility (see Figure 1-3) resulted in a voluntary environmental review and evaluation of subsurface conditions at the property. An Environmental Assessment Report was prepared for Avery by ERM-Southeast, Inc. of Kennesaw, Georgia and submitted to EPD in March 1993 (ERM, 1993). The ERM report described investigation of 10 areas of potential concern, and identified subsurface impacts from regulated substances in four areas: the Former Main Septic System drainfield in operation at the time at the northwestern portion of the property, the Former Industrial Septic System drainfield, the location of the 1991 release of TR-111, and the former location of a 500 gallon AST of TR-111 located north of, and adjacent to, a loading dock at the western corner of the Facility (see Figure 1-3). ERM concluded no remedial action was warranted, and recommended quarterly groundwater monitoring, which was performed from Fall 1993 until Spring 1996.

In June 1994, shortly after promulgation of HSRA Rules, EPD evaluated the Site information and determined the Site should not be listed on the Hazardous Sites Inventory (HSI). In 1998, EPD reevaluated the information used for the Reportable Quantities Screening Method (RQSM) and, on September 14, 1999, notified Avery that the Site had been listed on the HSI as Site Number 10578. On November 3, 1999, Avery submitted a letter to EPD requesting that the Site be removed from the HSI. In a February 16, 2000 letter to Avery, EPD denied Avery's request. In response to the February 16, 2000 letter from EPD, Avery determined that additional data collection activities would be performed to complete the horizontal and vertical delineation of regulated substances in soil and groundwater at the Site. Avery engaged Premier Environmental Services, LLC (Premier) to perform an investigation to produce a Compliance Status Report (CSR). In a December 20, 2002 letter EPD requested Avery Dennison submit a CSR for the Site.

From February 2002 to August 2003, Premier conducted CSR assessment activities at the Site. Premier's assessment included collection and analysis of 24 additional soil samples from 12 Geoprobe soil borings, installation and development of 25 monitoring wells, and collection and analysis of groundwater samples from 39 wells, including 15 pre-existing wells from the ERM assessment. In September 2003, Avery submitted the CSR prepared by Premier to EPD (Premier, 2003). EPD provided Avery with a Notice of Deficiencies (NOD) for the CSR on February 25, 2004.

In October 2004, Avery retained The Johnson Company (JCO) to perform subsequent CSR-related tasks due to the company's experience in managing complex DNAPL sites, including those founded upon fractured rock systems. On October 21, 2004, Avery met with EPD to introduce JCO and propose a supplemental comprehensive CSR investigation. The investigation was performed in 2004 and 2005 and the results of that investigation were reported in Revision 1 of the CSR, which was submitted to EPD on November 30, 2005 (JCO, 2005). Following its review of the November 2005 CSR, EPD issued a March 27, 2007 Notice of Deficiencies (NOD) letter to Avery. Avery and its consultants met with EPD on June 19, 2007 to discuss responses to several of the NOD comments, and responses to certain NOD comments were provided to EPD at the meeting. Responses to other NOD comments were addressed in an Avery submittal to EPD dated July 31, 2007. The remainder of EPD's March 27, 2007 NOD comments were addressed in Revision 2 of the CSR, which Avery submitted to EPD on March 31, 2008 (JCO, 2008a).

On January 23, 2009, EPD issued a letter to Avery providing comments on the March 2008 CSR. Avery responded to a subset of EPD's comments related to the calculation of Risk Reduction Standards and provided revised data tables in a submittal dated April 27, 2009; that submittal, along with EPD's January 23, 2009 Comments letter, is provided in Appendix A. This revision, Revision 3, of the CSR addresses the remainder of EPD's January 23, 2009 comments.

Between 2005 and 2007, JCO performed additional site investigation activities to further refine the Site conceptual model and collect data necessary to address several of EPD's March 27, 2007 NOD comments and support the development of a Corrective Action Plan (CAP) per Administrative Order EPD-HSR-425 issued September 24th, 2004. Avery submitted the CAP to EPD on May 31, 2008. In its January 23, 2009 correspondence regarding Revision 2 of the CSR, EPD also provided comments on the May 2008 CAP, and requested a revised CAP be submitted by January 5, 2010. In a letter dated August 5, 2009, Avery requested the deadline for submission of Revision 3 of the CSR and Revision 1 of the CAP be extended to March 31 and May 31, 2010, respectively; this deadline extension was requested to allow completion of additional site investigation activities required to address EPD's January 23, 2009 comments. EPD issued a letter dated October 8, 2009 accepting Avery's proposed CSR and CAP submittal deadlines. EPD's January 23, 2009 comments regarding the CAP will be addressed in Revision 1 of the CAP, which is due by May 31, 2010 and will include the results of the baseline bioremediation assessment performed in 2009.

During 2009, JCO performed additional site investigation activities to address EPD's January 23, 2009 comments regarding the March 2008 CSR and May 2008 CAP. These supplemental Site investigation activities included the installation of 12 groundwater monitoring wells and the collection of 21 groundwater, 13 surface water, 12 soil, and 3 sediment samples. The results from the 2009 investigation are evaluated in this CSR along with the 1993-2007 site investigation results that have been presented in prior CSR versions.

1.3 HISTORICAL HSRA RELEASES

The Site has had four historical releases subject to the notification requirements under HSRA. Information on the four releases was provided to EPD in a HSRA Release Notification Form dated March 3, 1994, and a supplemental notification provided to EPD on June 29, 1998. The four releases consisted of:

- Non-hazardous wastewater containing soluble inks disposed in the Facility's former Main Septic System from 1975 to 1990 (Former Main Septic System Drainfield on Figure 1-3).
- An accidental release on August 29, 1991 of less than 250 gallons of TR-111. The location of the 1991 release near the Facility's southern corner is depicted on Figure 1-3.
- Potential spillage/leakage from an aboveground 500-gallon storage tank containing 1,1,1-TCA product (Former TR-111 Storage Area on Figure 1-3).
- Non-hazardous wastewater from equipment cleaning operations disposed in the Facility's former Industrial Septic System from late 1990 to May 1991 (Former Industrial Septic System Drainfield on Figure 1-3).

1.4 SUMMARY OF PRIOR INVESTIGATIONS: 1992-2003

Site data collected prior to 1993 were submitted to EPD in ERM's March 1993 Environmental Assessment Report (ERM, 1993). Site data collected prior to 2004 were submitted to EPD in Premier's Compliance Status Report dated September 2003 (Premier, 2003). Soil data from these investigations are deemed of sufficient quality to compliment the extensive data collected from the 2004 - 2009 comprehensive JCO investigation, as discussed in Section 3.0. Due to the age of the ERM groundwater quality data and the collection methods used by Premier as described in EPD's February 25, 2004 Notice of Deficiencies, groundwater data collected prior to the JCO investigations were used for this CSR for general knowledge only. Section 4.0 presents the extensive groundwater quality data set derived from the 2004-2009 JCO investigations.

1.5 INFORMATION RECONNAISSANCE: 2004

As requested by Avery, JCO performed a multi-phased Property reconnaissance effort in October 2004 to determine if any potential sources of contamination existed that had not yet been investigated. A summary of the 2004 information reconnaissance results is provided in Appendix N. This effort included a review of files at the Hazardous Site Response Program Office, RCRA Corrective Action Program Office, Generator Section Office of EPD, Hall County Tax Assessor's Office, Hall County Public Utilities Office, Hall County Fire Station No. 5, and the City of Gainesville Public Utilities Office. In addition, a comprehensive environmental database review was performed for properties within prescribed ASTM search radii from the Facility. These file and database reviews did not yield new relevant information.

Water well databases held by EPD and the USGS Groundwater Information Unit were searched to identify water wells located within one mile of the Site. The search discovered three residential drinking water wells located one-half mile to one-mile to the southeast of the Site along Cantrell Road. In addition, there is one residential well located approximately ¾-miles northeast of the Site along State

Route 13. None of these wells are downgradient of the Site based on regional topography, as discussed in Section 4.3.

Interviews were conducted with several long-time Avery personnel identified by Avery's facility Environmental Health and Safety management as likely to have knowledge of past practices for handling hazardous materials. Eight employees were interviewed. Personnel interviews identified four areas with potential for past releases that had not yet been investigated: the embankment area at the edge of the rear parking lot to the west of the building (the parking lot embankment); a scattered solid debris area in the woods northwest of building; the former QA lab septic system, which was removed in May 2004; and the former courtyard septic system, which serviced the janitor room sink and was decommissioned in spring 2009 (see Figure 1-3). These areas were identified as areas for investigation and are discussed in more detail in Section 2.2. The interviews did not yield information that suggests releases of contaminants to the subsurface within the footprint of the Facility.

Review of regulatory agency files and databases revealed that hazardous materials, including solvents, have been used at the adjacent properties located northeast and southwest of the Site. The abutter to the northeast, Baldor (formerly Rockwell Automation, Inc. / Reliance Electric), began operations in the mid-1950s. In 2001, Baldor (then Reliance Electric) changed its hazardous waste generator status from Large Quantity Generator to Small Quantity Generator. According to the RCRIS database searched in 2004, Reliance had three informal written violations on file. This facility has managed hazardous wastes of various classifications, including spent non-halogenated solvents, mercury, methyl ethyl keytone (MEK), methylene chloride, xylenes, and uncharacterized ignitable hazardous waste. The Reliance Electric file includes 1982 correspondence between Reliance and EPD regarding on-site storage of approximately 350 fifty-five gallon drums; Reliance provided an inventory to EPD indicating 75 drums of waste varnish, 22 drums of waste xylene, 50 drums of waste machine oils, 160 drums of waste machine coolants, and 50 drums of waste paint.

Wrigley, which abuts the Site to the south, began operation in 1971 and is listed as a Small Quantity Generator of hazardous waste. According to available documents, all waste material has been, and, as of the 2004 file review, was shipped off-site. Degreasing agents are used at the Wrigley facility; specifically 1,1,1-trichloroethane, chloroform, and petroleum naphtha. Waste managed at the Wrigley facility includes spent halogenated solvents used in degreasing, Freon-contaminated waste oil, 1,1,1-TCA, and unlisted corrosive and ignitable hazardous wastes. Since 1971, at least 5,000 pounds of spent

solvents have been shipped from the Wrigley facility; a 1985 EPA Site Information and Assessment form stated that “all waste has been disposed off-site since operations began.” Wrigley operates a permitted spray field that requires groundwater monitoring.

2.0 SCOPE OF CSR INVESTIGATION ACTIVITIES: 2004-2009

2.1 SUMMARY OF SCOPE OF WORK

Table 2-1 summarizes the scope of the comprehensive 2004-2009 CSR investigation activities, the rationale for each activity, and a brief description of results with a reference to relevant report figures to consult for additional information (where applicable).

2.2 IDENTIFICATION OF AREAS OF POTENTIAL CONCERN

Since Site investigation activities were initiated in 1992, 11 areas of potential concern have been identified at the Site based on the known releases of hazardous materials described in Section 1.3, interviews with Site personnel described in Section 1.5, and environmental sampling data. These areas of potential concern, shown in plan view on Figure 1-3, and described below (in order from east to west), have been addressed by this CSR and prior investigations.

Former Office Bathroom Septic System Drainfield

The former office bathroom septic system drainfield was installed in 1982 and received only sanitary wastewater from a small office bathroom located in the reception area of the facility (ERM, 1993). This drainfield was identified and dismissed as an area of potential concern by ERM (1993) based on a soil sample collected from the area. The Facility was connected to the municipal sanitary sewer in Spring 2009, and this drainfield is no longer in use.

Former QA Lab Septic System Grave

The former QA lab septic system drainfield was removed in May 2004 after an uncertain period of operation. It received wastewater from the former QA lab, located along the southern wall of the Facility. This drainfield was identified and dismissed as an area of potential concern by ERM (1993). A 2007 comprehensive follow-up investigation by JCO of the area immediately downgradient of the former septic system confirmed ERM's 1993 conclusion and confirmed the area is not a significant source of contamination to soil and groundwater at the Site.

1991 TR-111 Release Area

On August 29, 1991, a valve on a TR-111 solvent tank located in an outbuilding secured to the southern wall of the Facility was left open, resulting in the discharge of approximately 250-gallons of product from the tank. Initial actions to address the spill included closing the valve, plugging the drain holes that lead outside the building, and placing solvent absorbent "P165" on

the floor to absorb the remaining liquid. On August 30, 1991, soil from an area measuring 35 feet by 20 feet by 3 feet deep adjacent to the solvent room was removed. On August 31, the solvent storage room was demolished, and on September 1, additional impacted soils were excavated. All building debris and excavated soils were disposed off-site as hazardous waste. EPD and the U.S. Environmental Protection Agency (USEPA) were notified the spill occurred and were informed of the subsequent soil remediation actions. Soil sampling of the remaining soils immediately after remediation showed concentrations of 1,1,1-TCA of 130 mg/kg or less (Smith Engineering, 1992). This area was sampled again in 2004 and was the subject of a focused characterization effort in 2007, including installation of sub-slab soil vapor points, limited excavation along the foundation wall, soil coring and subsampling for volatile organic compound (VOC) analysis, and adaptive source investigation using a Membrane Interface Probe to delineate VOC in soil and groundwater. In 2009, five additional groundwater monitoring wells were installed within the southern interior of the building, and one additional bedrock monitoring well was installed downgradient from the location of the 1991 release.

Trash Compactors

Two individual trash compactors were located on the rear (southwest) side of the Facility. The areas around these compactors were investigated by soil coring and subsampling.

Parking Lot Embankment Area

The embankment located along the edge of the parking lot at the rear (southwest) of the Facility was identified as a location of historical backfilling during expansion of the parking lot and the potential for historical disposal of hazardous materials along the embankment. This area was investigated using soil coring and subsampling, as well as installation and sampling of temporary monitoring wells for groundwater characterization.

Former Courtyard Septic Tank and Tile Bed

The former courtyard septic tank and tile bed reportedly received wastewater from the janitor's sink along the northern wall of the southern core of the Facility. A comprehensive soil investigation was performed in the vicinity of the septic tank and tile bed. The Facility was connected to the municipal sanitary sewer in Spring 2009, and the former courtyard septic tank and tile bed were decommissioned.

Former Industrial Septic System Drainfield

The former Industrial Septic System located adjacent to the western edge of the Facility consisted of one 1,000-gallon above ground tank and two 75-foot long infiltration galleries. The system was installed in 1990, and Avery discontinued use of this system in May 1991. In 1993, Avery removed the tank and infiltration piping and housing associated with this system and conducted soil assessment activities in the area of the infiltration galleries. Results of the post-removal soil evaluation were submitted to Georgia EPD in the Environmental Assessment Report (ERM, 1993). This area was the subject of further soil and groundwater investigation between 2004 and 2007 that is documented in this CSR.

Former TR-111 Above Ground Storage Tank at Loading Dock

Avery files indicate a former TR-111 500-gallon above ground storage tank (AST) was located at the northern end of the loading dock at the western corner of the Facility. According to Avery records, the tank was still in place in 1991 but had been removed prior to 1993. There are no documented releases from the AST. This area was the subject of soil and groundwater investigation between 2004 and 2007 that is documented in this CSR.

Dumpster Staging Area

Prior to off-site shipment, solid waste dumpsters from Facility operations were staged along the northwestern edge of the western parking lot of the Facility. This area is approximately 50 feet from the former main septic tank associated with sanitary wastewater disposal for the Facility. This area was the subject of soil and groundwater investigations between 2004 and 2007 that are documented in this CSR.

Former Main Septic System Tank and Drainfield

Non-hazardous wastewater containing soluble inks were disposed in the facility's former Main Septic System from 1975 to 1990. The system remained active and received only sanitary wastewater from the facility until it was decommissioned in Spring 2009, when the Facility was connected to the City of Flowery Branch sewer system. This area was the subject of soil and groundwater investigations between 2004 and 2007, and the former main septic tank and surrounding fill area were the subject of a focused source area characterization effort in 2007, including use of a Membrane Interface Probe. These studies, as well as subsequent downgradient groundwater characterization, are documented in this CSR.

Area of Scattered Rubbish in Woods

An area of scattered rubbish in the wooded area north of the facility was identified during the 2004 site reconnaissance effort. The rubbish observed by JCO in 2004 included pieces of metal containers and buckets, and pieces of asphalt. This area was the subject of soil and groundwater investigations between 2004 and 2007 that are documented in this CSR.

2.3 ANALYTICAL PARAMETERS AND RATIONALE FOR SELECTION

Based on historical data for the Site, compounds of concern include toluene, 1,1,1-TCA, and its degradation daughter products 1,1-DCA, 1,1-DCE, chloroethane, and vinyl chloride.

To address the compounds of concern, samples of soil, groundwater, and sediment were collected from the Property and analyzed for a comprehensive list of at least 49 VOC using EPA Method 8260B. The list of at least 49 VOC includes the compounds of concern listed above, all other VOC historically detected at the Site, and several additional VOC.

As part of Avery's due diligence approach, and despite no direct evidence of releases, soil and groundwater samples from some areas of the Property were also analyzed for total petroleum hydrocarbons (TPH) using EPA Method 9071B and seven metals using EPA Method 6010. This approach was followed since petroleum hydrocarbons had been used at the Facility for miscellaneous activities, and inks used at the Facility may have contained cadmium and chromium as pigments.

3.0 SOIL AND SEDIMENT ASSESSMENT

3.1 PURPOSE AND GENERAL APPROACH

During the period 1992 to 2009, a total of 308 soil samples and 17 sediment samples were collected for laboratory analysis to investigate soil and sediment, focusing on the areas of potential concern discussed in Section 2.2. The locations of soil and sediment samples are shown on Figure 3-1.

3.2 LOCATIONS OF SOIL AND SEDIMENT SAMPLING

3.2.1 Soil

3.2.1.1 Pre-2004 Soil Borings

Soil was first investigated for contamination at the Property in 1992 by ERM (1993), who collected 71 samples from 37 soil borings for analysis for VOC via EPA Method 8240. ERM's soil sample locations, as depicted by locations with a "B" and "HAB" prefix (Boring and Hand Auger Boring, respectively), are shown on Figure 3-1. ERM's investigation predated the promulgation of HSRA and is not adequate for defining the nature and extent of soil contamination under HSRA. However, ERM's data is used to buttress the delineation of soil contamination presented in this CSR. Boring logs and analytical reports for the ERM investigation were presented to EPD in the March 1993 report entitled Environmental Assessment Report, Avery Dennison Office and Computer Supplies Facility, Flowery Branch, GA.

Premier (2003) performed additional investigation of Site soils in 2002. Twenty-four samples were collected from 12 soil borings for analysis for selected VOC. The Premier soil boring locations are identified on Figure 3-1 with the prefix "GP" (Geoprobe®). Boring logs and laboratory reports for the Premier soil investigation are included in Appendices B and C respectively.

3.2.1.2 Post-2004 Soil Borings

JCO's soil investigation program was designed and implemented to fill data gaps and define the nature and extent of soil contamination per the requirements of HSRA. The JCO soil sampling locations are identified on Figure 3-1 with a "JCO" prefix. The JCO investigation involved collection and analyses of 211 samples at 119 locations for VOC by EPA Method 8260B; 48 samples at 48 locations for total petroleum hydrocarbons by EPA Method 9071B; 42 samples at 36 locations for RCRA-7 metals (RCRA-8 metals less mercury) by EPA Method 6010; 20 samples at 10 locations for arsenic, barium, and chromium by EPA Method 6010; 14 follow-up samples at 7 locations for chromium by EPA Method 6010; and two follow-up samples at 1 location for analysis of arsenic by EPA Method 6010. Table 3-1

presents the rationale for collection of each soil sample and summarizes the outcome for each location. Table 3-1 also references Risk Reduction Standards (RRS), which are described in detail in Section 7.0.

3.2.2 Sediment

In 2005, sediment samples were collected from depth intervals of 0-4 inches at 14 locations: 10 (SBW-1 through SBW-10) within the streambed, and 4 (JCO-SED-11 through JCO-SED-14) from within the ditch receiving inflow from the stormdrain serving the Former TR-111 Storage Area (see Figure 3-1). In 2009, to address EPD comments on the March 2008 CSR, an additional three sediment samples were collected from the streambed.

3.3 METHODS

3.3.1 Sampling and Analytical Procedures

In 1992, soil samples were collected by ERM (1993) using 24-inch split-spoon samplers inside borings advanced with 4.25-inch inner-diameter hollow stem-augers. The split-spoon samplers were decontaminated between each sample using a three-step procedure consisting of scrubbing with tap water, scrubbing with a solution of distilled water and laboratory-grade detergent, and rising with deionized water. Each soil sample was visually classified and field-screened for the presence of VOC using a photoionization detector (PID). The soil samples with the highest PID reading from each boring, along with the soil sample collected directly above the water table were collected into unpreserved clear glass jars, placed in a cooler with ice, and transported under chain-of-custody protocol to Analytical Services, Inc. in Atlanta, Georgia for laboratory analysis. All samples were analyzed for VOC using EPA Method 8240.

In 2002, soil samples were collected by Premier (2003) at 2-foot intervals from the ground surface to the depth of the water table using direct-push technology (DPT). Downhole sampling equipment was decontaminated after each use with an isopropanol wash solution. Each sample was visually classified and field-screened for the presence of VOC using a PID. The soil samples with the highest PID reading from each boring, along with the soil sample collected directly above the water table were collected using Encore samplers in accordance with EPA method 5035, placed in a cooler with ice, and transported under chain-of-custody protocol to Severn Trent Laboratories in Tallahassee, Florida for laboratory analysis. All samples were analyzed for VOC using EPA Method 8260. PID screening results are provided on the soil borehole logs in Appendix B.

JCO collected soil samples between 2005 and 2007 in accordance with USEPA Region 4 Environmental Investigation Standard Operating Procedures and Quality Assurance Manual (EISOPQAM) dated November 2001 (USEPA, 2001). The soil sample collection methods are described in Appendix D. For VOC, samples were collected at 1-foot intervals from the ground surface to the top of the water table. Each sample was visually classified and field screened for the presence of VOC using a PID, and the soil samples with the highest PID reading from each boring, along with the soil sample collected directly above the water table, were prepared for laboratory analysis using either Encore samplers in accordance with EPA method 5035, or by placing approximately 15 grams of soil in a 40-milliliter (mL) volatile organic analysis (VOA) vial preserved with methanol. After collection, soil samples were placed in a cooler with ice and transported under chain-of-custody protocol to Analytical Environmental Services, Inc. of Atlanta, Georgia (AES), a NELAC Certified Laboratory (#E87582). The PID field screening results are provided on the soil borehole logs in Appendix E. After collection of VOC samples, the remaining soil from each boring was visually characterized.

In addition to the soil samples collected for VOC analysis, one soil sample was collected from each of 65 boring locations in 2005 for analysis of total petroleum hydrocarbons (TPH) by EPA method 9071B and/or RCRA-7 metals by EPA Method 6010. In 2007, 34 soil samples were also collected for analysis of chromium, and 20 soil samples were collected for analysis of arsenic and barium by EPA Method 6010. In 2009, 2 additional soil samples were collected for analysis of arsenic by EPA Method 6010.[1] Samples designated for TPH or metals analysis were collected in laboratory-supplied glass jars, placed in a cooler with ice, and transported under chain-of-custody protocol to the laboratory. Soil samples collected for TPH or metals analysis between 2005 and 2007 were submitted to AES. The 2 additional soil samples collected for arsenic analysis in 2009 were submitted to Pace Analytical of Huntersville, North Carolina.

Sediment sample collection methods are described in Appendix D. All fourteen sediment samples were collected for VOC analysis by placing approximately 15 grams of soil in a 40-milliliter (mL) VOA vial preserved with methanol, which was placed in a cooler with ice and transported under chain-of-custody protocol to AES for VOC analysis by EPA Method 8260B. Sediment samples collected

[1] These samples collected in 2009 were obtained in accordance with USEPA Region 4 Science and Ecosystem Support Division (SESD) Field Branches Quality System and Technical Procedures (USEPA, 2007), which supersedes the EISOPQAM.

from locations JCO-SED-11 through JCO-SED-14 were also submitted to AES for analysis of RCRA-7 metals, and sediment samples from locations SBW-6 through SBW-10 and JCO-SED-15 through JCO-SED-17 were submitted for total chromium analysis by EPA Method 6010.

3.3.2 Quality Assurance/Quality Control

Quality Assurance/Quality Control (QA/QC) samples for the Site soil investigations were collected and submitted for laboratory analysis in general accordance with EPA guidelines. QA/QC samples collected during each soil investigation at the Site consisted of the following:

- ERM (1993): trip blanks, equipment rinsate blanks, and blind duplicates;
- Premier (2003): trip blanks, equipment rinsate blanks, blind duplicates, and matrix spike and matrix spike duplicate (MS/MSD) samples;
- JCO (2005 through 2009): trip blanks (for VOC samples only), equipment rinsate blanks, and MS/MSD samples.

Premier (2003) noted that the detection of acetone in four soil samples collected in 2002 was likely caused by the use of isopropanol for decontamination of the soil sampling equipment during that investigation. No other QA/QC issues regarding the soil investigations were identified.

3.4 RESULTS OF SOIL ASSESSMENT

Analytical results from the soil assessment at the Site are presented in Table 3-2, Table 3-3, and Figure 3-2 for VOC; in Table 3-4 and Figure 3-3 for metals and TPH; and in Table 3-5 for total organic carbon. These results are discussed in the following sections 3.4.1 through 3.4.3.

3.4.1 Extent of Regulated VOC in Soil

A summary of the regulated VOC detected in soil at the Site is presented on Figure 3-2. The horizontal perimeter of non-detect sample analyses for VOC is mapped on Figure ES-1. Results of soil analyses for VOC are summarized in Table 3-3 for the 2004-2009 Site investigation, and in Table 3-2 for prior investigations. Laboratory data reports are presented in Appendix F for the 2004-2009 Site investigation and in Appendix C for prior investigations. In accordance with HSRA, the delineation of the maximum vertical extent of soil contamination is limited to the depth to the water table.

At the location of the 1991 release of TR-111 (see Figure 1-3) at the southern corner of the Facility, the horizontal extent of accessible contamination was already defined to the south and east by

borings B-2, B-3, B-7, B-8, B-13, and B-12. To the west and north of the 1991 release location, VOC were detected in soil samples collected in 2007 from locations TP1 and TP4 outside the Facility footprint, and from locations SV-01 through SV-04, SV-06 through SV-08, and SV-12D inside the southern corner of the Facility. These data were collected as part of a focused source area investigation, and are discussed in detail in Section 4.2.4. The vertical extent of contamination in soil is defined by the water table.

At the location of the former QA Lab septic system, none of the soil samples from pre-existing borings B-1, B-2, and B-4, as well as new borings JCO-1, JCO-2 and JCO-10, contained detectable concentrations of regulated substances.

At the location of the former courtyard septic system, only chloroform, and in one instance, its daughter product methylene chloride was detected. The chloroform is attributed to chlorinated public water discharged to the septic tank; chloroform was detected at 30 µg/L in plant supply water. VOC were not detected in four additional soil samples collected to the east of the former courtyard septic tank in 2007. Given the nature of the source, additional sampling is not warranted.

At the location of the trash compactor serving the southern core of the building, the horizontal limits of contamination detected at JCO-56, JCO-57, and JCO-84 are defined by borings JCO-51 through JCO-55, JCO-85, and JCO-124 through JCO-126. The vertical extent of contamination is defined by the water table.

At the location of the former industrial septic system drainfield, the horizontal limits of contamination previously detected at B-18 through B-21 are defined by borings JCO-18 through JCO-20, JCO-116 through JCO-119, and JCO-130. The vertical extent of contamination is defined by the water table.

At the location of the trash compactor serving the northern portion of the Facility, the horizontal limits to contamination outside of the building footprint are defined by borings JCO-60 through JCO-63. The vertical extent of contamination is defined by the water table.

At the former TR-111 AST location on the western corner of the Facility near the loading dock, and at the location of dumpster staging at the western corner of the paved parking area, the horizontal

extent of accessible contamination is defined by borings JCO-60, JCO-14, JCO-37, JCO-92, GP-04, B-25, JCO-39, JCO-94, and JCO-16. The vertical extent of contamination is defined by the water table.

At the area of scattered rubbish noted in the woods west of the building, no VOC contamination was detected.

At the location of the former main septic system drainfield, the horizontal extent of contamination is defined by borings B-29, B-25, JCO-92, GP-04, GP-05, JCO-93, GP-12, and GP-02. The vertical extent of contamination is defined by the water table.

At the locations of the storm drain outfalls (#1 through #4) west of the rear parking lot, VOC contamination was delineated at Outfall #3, and no VOC contamination was detected at Outfall #2 or Outfall #4. No samples were obtainable at Outfall #1 due to cobble substrate. At Outfall #3, horizontal delineation was achieved by borings JCO-29, JCO-28, JCO-88, GP-08, JCO-31, and JCO-32. Vertical delineation was defined by the water table.

At location B-33, located in the northeastern portion of the property, 1,1,1-TCA was detected by Premier at concentrations near the detection limit. No other constituents were detected at this location. Confirmation borings were advanced adjacent to B-33 at locations JCO-89 and JCO-90. No contaminants were detected. Therefore, the detection at B-33 is confirmed to be a false positive and there is no horizontal extent of regulated substances in soil to be delineated. Likewise, detections of acetone reported by Premier at borings GP-03, GP-06 and GP-07 were confirmed as false positives by the non-detection results obtained from adjacent confirmation borings JCO-93, JCO-92 and JCO-91, respectively.

3.4.2 Results of Reconnaissance for Metals and TPH

All known and suspected source areas at the Site concern VOC; thus, VOC were the primary focus of the soil investigation. Investigation for metals and total petroleum hydrocarbons (TPH) was performed as due diligence screening to identify potential sources of gross contamination. Locations selected for due diligence screening were based upon Phase I reconnaissance interviews and groundwater due diligence screening performed in November of 2004. Cadmium and chromium were formerly used as pigments in ink according to internal Avery correspondence; thus, for conservatism, RCRA-7 metals were selected for analysis where appropriate. TPH is a screening method for bulk petroleum contamination; thus, the TPH method was selected for that purpose. Results of soil analyses for TPH and metals are

summarized in Table 3-4 and on Figure 3-3. No known sources of metals or TPH contamination exist at the Site.

The November 2004 groundwater screening using temporary monitoring wells showed low-level detections of chromium at the southern end of the property near the former QA Lab septic system grave. Thus, all soil samples collected from the south lawn were screened for RCRA-7 metals . The courtyard septic system area, the parking lot embankment area, and the area of scattered rubbish in the woods to the north of the facility were also screened for RCRA-7 metals.

Soil samples were collected for background purposes at locations JCO-17 and JCO-76 through JCO-83 in 2005, all of which are located along the outer edge of the northeastern parking lot (at the top of Figure 3-3) and have not been historically impacted by the Site activity. Cadmium and silver were not detected in the 2005 background samples or in any of the other samples from the Property. Additional background samples were collected in 2007 at locations JCO-131 through JCO-135, located in an undeveloped area west of the Facility, and at locations JCO-136 through JCO-140, located between the Facility and the pond. These areas of the Property have not been historically impacted by the Site activity. The 2007 background samples were analyzed for the RCRA-7 metals minus cadmium and silver. The results of these analyses were used to estimate background levels for the selected metals.

The concentrations of metals in the background soil samples collected at the Property are summarized in Table 3-4. Background concentrations for arsenic, barium, and chromium were estimated to be equal to the average concentration in the background samples plus two standard deviations excluding those levels that are below detection limit. This procedure for estimating background levels is consistent with background concentration calculations approved by the EPD at other HSI sites. Following this approach, the background concentrations are calculated as shown below.

- Arsenic: Out of a total 28 samples in the background area, 13 are above detection limit. Using this dataset, the background arsenic concentrations in soils is calculated as 30 mg/kg.
- Barium: All of the 28 samples are above detection limit. The background barium concentrations based on this dataset is calculated as 98 mg/kg.
- Chromium: All of the 28 samples are above detection limit. The background chromium concentration based on this dataset is calculated as 88 mg/kg.

Five metals were detected in soil samples from the Property (Table 3-4 and Figure 3-3). There are no patterns indicative of anthropogenic sources of metals from the Avery Facility.

- Arsenic was detected in 33 soil samples from 26 locations, with a maximum detected concentration of 48.9 mg/kg.
- Barium was detected in 62 soil samples from 48 locations, with a maximum detected concentration of 172 mg/kg.
- Chromium was detected in 74 soil samples from 46 locations, with a maximum detected concentration of 208 mg/kg.
- Lead was detected in 41 soil samples from 36 locations, with a maximum detected concentration of 31.4 mg/kg
- Selenium was detected in 3 soil samples from 3 locations, with a maximum detected concentration of 6.68 mg/kg

Barium concentrations in soil exceeded the statistically determined background concentration at 7 locations (JCO-43, JCO-45, JCO-47, JCO-49, JCO-50, JCO-94, and JCO-95); and chromium at 4 locations (JCO-5, JCO-72, JCO-128, and JCO-129). Arsenic was detected above its background concentration at one location (JCO-5) in one sample collected in 2005; however, arsenic concentrations were below its background concentration at two confirmation soil samples collected from the same location in 2009.

Total petroleum hydrocarbons were not detected in groundwater during the screening assessment in November, 2004. In addition, there is no evidence of past or current underground storage tanks at the property. For due diligence screening, soil cores were sampled for TPH at the storm drain outfalls, the perimeter of the trash compactors, the area of the former courtyard septic system, and the area of scattered rubbish in the woods to the northwest of the building. No TPH were detected except at the base of Outfall #3 and at one location in the rubbish disposal area (see Table 3-4 and Figure 3-3). The detection at Outfall #3 is attributed to runoff from the parking lot. In each case, the TPH detections are delineated to spot locations isolated by non-detect results for samples from adjacent cores.

3.5 RESULTS OF SEDIMENT ASSESSMENT

Sediment samples were collected from depth intervals of 0-4 inches at 17 locations: 13 (SBW-1 through SBW-10 and JCO-SED-15 through JCO-SED-17) within the streambed, and 4 (JCO-SED-11 through JCO-SED-14) from within the ditch receiving inflow from the storm drain adjacent to the western loading dock, which is adjacent to the location of a former TR-111 AST (see the Former TR-111 Storage

Area on Figure 1-3). The sample collection method is described in Appendix D. Fourteen sediment samples were sent for analysis of VOC by EPA Method 8260B. Sediment VOC results are summarized in Table 3-6 and on Figure 3-4. Laboratory reports are presented in Appendix F.

VOC were detected in only two sediment samples collected from the streambed: SBW-4, which is within the length of streambed receiving flux from the plume arising from the Western Source Area; and SBW-6, which is within a length of streambed that receives flux of contamination from weathered bedrock impacted by the 1991 Release Area of TR-111. One sample from the ditch contained low levels of styrene, which was not observed elsewhere on the Site and is attributed to surface runoff contamination.

Four sediment samples, JCO-SED-11 through JCO-SED-14, which were collected from the ditch that receives stormwater from near the loading dock, were analyzed for RCRA-7 metals. Eight additional sediment samples, SBW-6 through SBW-10 and JCO-SED-15 through JCO-SED-17, which are proximate to the locations of chromium detection in groundwater, were sent for analysis of total chromium. Results are summarized in Table 3-6 and on Figure 3-5. Arsenic, barium, chromium, and lead were each detected in at least one sediment sample; all were below the National Oceanic and Atmospheric Administration (NOAA) Screening Quick References Table (SQuiRT) values for Severe Effect Limit (SEL)[2], with the exception of chromium in the sample from SBW-10. Samples JCO-SED-15 through JCO-SED-17 were collected in 2009 to delineate chromium at and around SBW-10. Chromium was not detected in the 2009 sediment samples above background concentrations of chromium in Site soils, and is below the chromium sediment criterion of 110 mg/kg cited by EPD in its January 23, 2009 Comments. Thus, the detection of elevated chromium at SBW-10 was isolated to that location and initial sampling date and was not reproducible.

[2] SELs (Buchman, 2008) were selected for comparison to Site sediment analytical data based on EPD's January 23, 2009 Comments, which cited a sediment criterion of 110 mg/kg for total chromium

4.0 GROUNDWATER AND SURFACE WATER ASSESSMENT

4.1 PURPOSE AND GENERAL APPROACH

To provide a comprehensive assessment of Site hydrogeology and contaminant distribution at the Site, and to address prior data gaps, an adaptive, stage-wise investigation of groundwater and surface water was undertaken at the Site in 2004/2005. The 2004/2005 investigation was conducted in multiple stages:

1. characterization of hydrogeology and groundwater quality using pre-existing monitoring points;

2. installation and sampling of 71 temporary wells at 39 locations in unconsolidated deposits to address horizontal and vertical data gaps;

3. installation of 13 conventional monitoring wells at 11 locations in unconsolidated deposits to compliment the pre-existing conventional monitoring wells – the location of the new monitoring wells was based on the results from the temporary monitoring wells above;

4. installation and geophysical assessment of 17 bedrock boreholes at 12 locations followed by completion of the boreholes with monitoring wells based on the geophysical results, resulting in a total of 26 bedrock monitoring wells at 17 locations;

5. hydraulic conductivity testing of several new and pre-existing monitoring wells;

6. installation of streambed monitoring wells to assess surface water/groundwater exchange, and establishment of surface water quality sampling stations;

7. comprehensive water-level monitoring to establish horizontal and vertical hydraulic gradients; and

8. comprehensive sampling of all groundwater and surface water monitoring points in Spring 2005.

These activities were reported to EPD in the November 2005 version of the CSR (Revision 1), and are also described herein. The locations of the aforementioned monitoring points are shown on Figure 4-1.

Following submission of the November 2005 CSR, and as part of an assessment of natural attenuation discussed in the November 2005 CSR, Avery performed quarterly monitoring from June 2006 to May 2007 at several Site monitoring points: 43 unconsolidated deposits monitoring wells, 27 bedrock monitoring wells, 10 streambed monitoring wells, and six surface water sampling locations.

Based on the assessment of the resultant data, which are discussed in Section 4.3 of this text, in 2007 JCO conducted focused subsurface investigations in two source areas that contribute to RRS exceedances in Site groundwater in unconsolidated deposits: the southern source area, which consists of the area adjacent to the 1991 release of TR-111 (see Figure 1-3); and the western source area, which consists of the former TR-111 storage area on the west side of the facility, the former dumpster staging area, and the former main septic tank[3] (see Figure 1-3). The characterization of the southern source area included installation and sampling of 26 soil vapor sampling points through the floor slab of the southern corner of the Facility; installation and sampling of seven soil cores from along, and inside of, the southern exterior wall of the Facility; excavation of test pits along the exterior of the building, opposite the soil core locations; and soil and groundwater characterization by Membrane Interface Probe (MIP) at 19 locations beneath the concrete floor slab within the Facility, and 22 exterior locations. The characterization of the western source area included soil and groundwater characterization by MIP at 32 locations.

Twenty-seven additional monitoring wells were installed later in 2007 to address EPD Comments on the November 2005 CSR and to provide additional site characterization to evaluate corrective action alternatives. In addition, six monitoring wells were also installed in 2007 to provide additional information concerning contamination migrating onto the Property from upgradient. Following hydraulic development of these wells and a period for the monitoring wells to hydraulically stabilize, a Property-wide potentiometric measurement (groundwater and surface water) was undertaken, including accessible monitoring wells on Wrigley property. Lastly, 39 unconsolidated deposits monitoring wells, 24 weathered bedrock monitoring wells, 26 bedrock monitoring wells, and 6 surface water locations were sampled and these samples were sent to a certified laboratory for analysis of VOC by EPA Method 8260B.

In April and May of 2009, 13 additional groundwater monitoring wells were installed in response to EPD's January 23, 2009 comments regarding the March 2008 (Revision 2) CSR. The 2009 installations included 5 monitoring wells screened in unconsolidated deposits and weathered bedrock to augment characterization of groundwater quality near the southern source area; a cluster of 3 wells completed in unconsolidated deposits and bedrock adjacent to the stream on the western edge of the Site;

[3] The main septic tank was decommissioned in Spring 2009 when the facility was connected to municipal sanitary sewer.

one horizontal delineation unconsolidated deposits monitoring well north-northeast of former temporary monitoring well location TW-49 and the former rail spur; and 4 bedrock monitoring wells located beneath existing bedrock monitoring wells to augment vertical delineation of VOC in groundwater. Following development of these wells, two groundwater quality monitoring events were conducted at the Site; one event in June 2009 and one in October 2009. Each monitoring event included a Property-wide potentiometric measurement (groundwater and surface water) round and collection of groundwater samples from 56 conventional monitoring wells[4], 8 streambed monitoring wells, and 7 surface water locations. Samples were submitted to a certified laboratory for analysis of VOC by EPA Method 8260B.

4.2 METHODS

4.2.1 Site Survey Methods

In 2004, JCO subcontracted a licensed Georgia surveyor to perform a topographic survey of the Property and portions of abutting properties owned by Wrigley to the southwest and Baldor to the northeast. Significant Property features were also surveyed. The result of the survey is shown on Figure 1-3.

4.2.2 Geologic and Hydrogeologic Characterization Methods

4.2.2.1 Monitoring Well Installation

Monitoring wells were constructed in unconsolidated deposits and weathered bedrock per methods described in Appendix D; monitoring well construction logs are provided in Appendices B and G. Both temporary and conventional monitoring wells are described. The depths of monitoring well installation and the rationale for their horizontal placement are also presented in Appendix G.

Bedrock borehole and monitoring well installation methods are presented in Appendix D. Well construction logs for the bedrock monitoring wells are presented in Appendix G. Well screen intervals were selected based on results from downhole geophysical surveys and observed water yield from each borehole during air hammer drilling.

For the 17 bedrock monitoring wells (BR-1S, 1D, 2, 3, 4S, 4D, 5, 6, 7, 8S, 8D, 9S, 9D, 10S, 10D, 11, and 12) installed at 12 locations in 2005 using a downhole air hammer, JCO subcontracted GeoCam,

[4] This total includes 8 wells which were sampled in June 2009 but could not be sampled in October 2009 due to the presence of biotraps temporarily installed for the purpose of collecting data in support of performance of the May 2008 CAP.

Inc. of San Antonio, Texas to conduct downhole geophysics to determine borehole properties of the bedrock and to identify zones of active groundwater flow for placement of monitoring well screens. The tests consisted of: scanning by acoustic televiewer to identify changes in physical properties; measurement of fluid resistivity and temperature with depth to help identify active flow zones, tracking of borehole diameter with depth using a caliper log, and measurement of vertical borehole flow using a heat-pulse flow meter. Results of the geophysics are presented in Appendix G-3. Relevant geophysics results used to select the placement depths of monitoring well screens within the boreholes are summarized in Table 4-1. Generally, water bearing zones were indicated through significant acoustic response images and inflections in the caliper log indicating irregularities in the borehole surface. Monitoring well screen lengths of 10 feet were employed except where geophysics results suggested hydraulically active features spanning a larger depth interval. Screened intervals greater than 10 feet were installed at wells BR-4D (20 feet), BR-7 (15 feet), and BR-12 (15 feet). In general, the boreholes did not indicate the presence of water bearing zones at depth; no water bearing zones were detected at depths greater than 109 feet below ground surface.

Nine bedrock boreholes were installed at 9 locations in 2007 using a wireline coring tool equipped with a HQ diamond bit (BR-13 through BR-21). Cores were retrieved from each bedrock borehole in five foot increments, and each bedrock borehole was advanced at least 20 feet into bedrock. Packer hydraulic testing was typically performed on the bottom 10 feet of each borehole, after which the packer apparatus was retrieved and the borehole was advanced in additional increments of 10 feet, followed by packer testing of the bottom 10 feet of the borehole. This process was typically terminated after reaching a depth of 40 feet into competent bedrock. The depth interval selected for monitoring well screen installation was chosen to cover the depth at which hydraulic yield during packer testing was greatest. Fracture density observed in the bedrock cores was also considered for screen interval selection. Relevant packer test and rock core data used to select monitoring well screen intervals within the boreholes are summarized in Table 4-1.

In 2009, 6 bedrock boreholes were advanced at 5 locations for the installation of monitoring wells (BR-20D, BR-21D, BR-22S, BR-22D, BR-23, and BR-24). Boreholes were advanced using a downhole air hammer at locations BR-20D, BR-23, and BR-24. Borings BR-21D, BR-22S and BR-22D were advanced using a wireline coring tool equipped with a HQ diamond bit to collect continuous rock core in 5- foot increments.

JCO subcontracted The Hutchinson Group, Ltd. of Murrysville, Pennsylvania to conduct downhole geophysics in 5 bedrock boreholes installed in 2009 to determine borehole properties of the bedrock and to identify zones of active groundwater flow for placement of monitoring well screens. Of the 6 borings installed in 2009, only BR-22S was excluded from geophysical testing due to its close proximity to BR-22D. The tests consisted of: scanning by acoustic televiewer and spontaneous potential (SP) technology to identify changes in physical properties of the rock formation; measurement of fluid resistivity, fluid conductivity, single point resistance (SPR) and temperature with depth to help identify active flow zones, and tracking of borehole diameter with depth using a caliper log. Relevant geophysics results, and rock core and drilling observations used to select the placement depths of monitoring well screens within the boreholes are summarized in Table 4-1. Monitoring well screen lengths of 10 feet were used at BR-22S, BR-22D, and BR-24; well screen lengths of 20 feet were used at BR-20D and BR-21D. A monitoring well screen was not installed at BR-23; that well was completed with an open interval between 58 and 130 feet bgs in order to accommodate any potential upcoming hydraulic testing prior to borehole completion. Bedrock boring logs are included in Appendix G-3.

4.2.2.2 Potentiometric Evaluation Methods

Potentiometric data were collected from all permanently-installed monitoring wells on 12 occasions: July 3, 2003; November 2, 2004; November 8, 2004; June 6, 2005; July 27, 2005; June 16, 2006; October 3, 2006; February 16, 2007; May 14, 2007; October 23, 2007; June 2, 2009; and October 13, 2009. Potentiometric data were collected from all available surface water stage measurement locations on 8 occasions: July 27, 2005; June 16, 2006; October 3, 2006; February 16, 2007; May 14, 2007; October 23, 2007; June 2, 2009; and October 13, 2009.

The depth to water in each well was measured with an electronic manual water-level indicator. All wells were measured over a 1 to 2-day period prior to beginning purging and sampling of any of the wells. Potentiometric surface elevations were calculated by subtracting the depth-to-water measurements from the surveyed elevation of each monitoring well reference point. The surveyed elevations of monitoring well reference points are shown on Figure 4-2. Potentiometric data collected from each hydrogeologic unit from 7 individual monitoring events (June 2006, October 2006, February 2007, May 2007, October 2007; June 2009, and October 2009) were used to interpret contour lines representing potentiometric surface elevations.

Horizontal hydraulic gradients were calculated by measuring the distance between potentiometric contour lines (measured perpendicular to the potentiometric lines) interpreted for a particular hydrogeologic unit from a single monitoring event, and dividing the change in potentiometric surface elevation by the distance over which that elevation change occurred. Horizontal hydraulic gradient calculations are provided in Appendix H.

Vertical hydraulic gradients were calculated as the quotient of the difference in hydraulic head of clustered well pairs and the distance between the midpoint of their screened intervals. For water table wells where the water table was positioned within the well-screen interval, the water table elevation was used rather than the screen midpoint elevation to calculate vertical hydraulic gradients. Vertical hydraulic gradient calculations are provided in Appendix H.

4.2.2.3 Hydraulic (Slug) Testing Methods

JCO performed rising head and falling head single well response tests (slug tests) in 61 wells at the Site. Hydraulic response data were measured and recorded using a pressure transducer and datalogger (31 wells) or were measured manually using an electronic sounding tool (30 wells). Response data were analyzed using the methods described by Bouwer and Rice (1976) and Bouwer (1988) as applied by Aquifer Test Pro version 3.5 software produced by Waterloo Hydrogeologic, Inc. Slug test analysis reports, including the hydraulic response data, well-specific input parameters, visual curve matching or visual best-fit line matching results, and estimated hydraulic conductivity values calculated for each test, are provided in Appendix I.

4.2.3 Groundwater Sampling Methods

4.2.3.1 Decontamination of Equipment Methods

Groundwater samples were collected using low-flow techniques described in Appendix D. Unconsolidated deposits wells and the majority of bedrock wells were sampled using a peristaltic pump with dedicated down-hole Teflon-lined polyethylene tubing and dedicated silicone pump-head tubing. Electronic water-level equipment was decontaminated using laboratory-grade detergent and distilled water for rinsing.

Several bedrock wells were sampled using a bladder pump; groundwater recharge rates in these wells were insufficient to avoid drawdown of the water level to below the suction limit of the peristaltic pump (approximately 30 feet depth). At these locations, dedicated bladder assemblies were used for each

well, and the reusable portion of the bladder pump was decontaminated by washing with laboratory-grade detergent and rinsing with deionized water.

4.2.3.2 Sample ID and Preservation Methods

Groundwater samples were collected into laboratory-provided 40 milliliter (mL) glass VOA vials and preserved with hydrochloric acid (HCL). Samples were labeled at the time of collection with the sampling location, date, and time of sampling, and were immediately placed in ice-chilled coolers equipped with temperature blanks. Groundwater samples remained in the ice-chilled coolers until they were delivered under chain-of-custody protocol to the receiving laboratory for analysis.

4.2.3.3 Quality Assurance/ Quality Control Methods

Quality Assurance/ Quality Control (QA/QC) samples were submitted to the laboratory with the groundwater samples. QA/QC samples consisted of rinsate blanks, collected by pouring distilled water over the reusable portion of the bladder pump after it was decontaminated; matrix spike and matrix spike duplicate samples, collected concurrently with the associated primary groundwater sample; trip blanks, which were provided by the laboratory and were present in each cooler used to store and transport groundwater VOC samples; and temperature blanks, also provided by the laboratory and present in each sample cooler.

None of the trip blanks submitted with the groundwater samples contained VOC above laboratory practical quantitation limits (PQLs). Four equipment rinsate blanks contained reportable concentrations of regulated substances:

- 10 µg/L chromium was detected in an equipment rinsate blank collected on November 4, 2004; a discussion regarding chromium is included in the groundwater metals results section below.
- 58 µg/L acetone was detected in an equipment rinsate blank collected on May 25, 2005; acetone was not detected in other samples collected on May 25, 2005.
- 4.4 µg/L methylene chloride was detected in an equipment rinsate blank collected on June 3, 2009. Methylene chloride was also detected above the laboratory PQL in 4 groundwater samples collected in June 2009; all four detects are attributed to laboratory contamination as evidenced by detections of methylene chloride in two associated laboratory blanks at concentrations of 7.8 µg/L and 8.3 µg/L. "B" qualifiers have been added to those results in this report to indicate the associated laboratory blank contamination.

- 4 trihalomethane compounds were detected in an equipment rinsate blank collected on June 8, 2009. With the exception of 2.3 µg/L chloroform detected at MW-4, trihalomethanes were not detected in groundwater samples collected in June 2009.

4.2.4 Surface Water Sampling Methods

4.2.4.1 Surface Water Sample Collection

Surface water VOC samples were collected by submerging laboratory-supplied 40-mL glass VOA vials to one third of the depth of the surface water body at each sampling location. Once filled, the VOA vials were preserved with hydrochloric acid and immediately sealed, labeled with the sampling location, date, and time of sampling, and placed in ice-chilled coolers until they were delivered under chain-of-custody protocol to the receiving laboratory for analysis.

4.2.4.2 Quality Assurance/ Quality Control Methods

Quality Assurance/ Quality Control (QA/QC) samples were submitted to the laboratory with the surface water samples. QA/QC samples consisted of trip blanks, which were provided by the laboratory and were present in each cooler used to store and transport surface water VOC samples; and temperature blanks, also provided by the laboratory and present in each sample cooler. None of the trip blanks submitted with the surface water samples contained VOC.

4.2.5 Focused Source Area Characterization Methods

Focused investigations were conducted on two primary source areas identified by the 2004-2007 investigations: the area of the 1991 TR-111 release at the southern corner of the Facility, and the area of the loading dock/dumpster/former main septic tank near the western corner of the Facility. The sources of contamination located in these areas by the methods described in this section are hereinafter referred to as the southern source area and western source area, respectively. Figure 4-3 shows the areas in which the focused investigations of the southern and western source areas were conducted.

4.2.5.1 Southern Source Area

Soil Vapor Investigation Methods

On February 13 and 14, 2007, 26 soil vapor sampling points were installed at thirteen locations within the southeast corner of the Avery Facility, and soil vapor samples were collected for VOC analysis. At each of the 13 locations, which are shown on Figure 4-4, a shallow soil vapor sampling point was installed at 0.5 to 1.0 feet below the bottom of the nominal 8" thick concrete slab. Co-located deep soil vapor sampling points were also installed at each of the 13 locations to varying depths, ranging from 9.0 to 9.5 feet to 16 to 16.5 feet below the top of the floor slab. Each of the deep soil vapor sampling points was located approximately one foot above the apparent water table position.

The shallow soil vapor sampling points were installed by advancing a soil boring with a hand auger to the targeted sampling depth through a hole cored in the concrete slab. The hand auger was then removed from the ground and the fully assembled soil vapor probe was inserted into the open hole. Each soil vapor probe was constructed of a 0.25-inch-diameter, 6-inch-long, double-woven, stainless steel, AT86 Geoprobe wire screen connected to a needle valve at the surface via stainless steel tubing and Swagelok fittings. The boring annulus surrounding each of the screens was backfilled with filter sand and the annulus above the screen was sealed to ground surface with cement-bentonite grout to isolate the targeted sampling interval. A flush-mounted protective casing then was cemented into the concrete slab to protect the needle valve assembly at the surface. The deep soil vapor sampling points were constructed in the same manner, except a Geoprobe® rig was used to advance the soil borings.

After the soil vapor probes were installed beneath the slab, each probe was vacuum-tested while a pressurized helium tracer gas was applied over the surface completion of the probe to confirm the integrity of the probe seal. This testing confirmed that the vapor probe seals were sufficient to prevent short-circuiting of indoor air down the probe assembly during soil vapor sampling. Following the vacuum testing, soil vapor samples were collected into SUMMA canisters over an eight-hour period for analysis for VOC using EPA Method TO-15A by Air Toxics, Ltd., of Folsom, California.

During installation of the deep soil vapor probes, soil samples collected from every vertical foot in the soil profile were placed in sealable zip-lock bags and allowed to sit for five minutes before headspace in each zip-lock bag was screened for VOC using a PID. At locations exhibiting a positive PID response, the soil sample from the depth with the highest PID response was selected for laboratory analysis of VOC using EPA Method 8260B.

Methods for Soil Coring Adjacent to Foundation Wall

To further evaluate sub-slab soil contamination proximate to the foundation footing at the southern corner of the Facility, soil cores were collected on May 21 and 22, 2007 along, and inside of, the southern exterior wall. The soil cores were collected at seven locations along the wall, shown as "SC" (Soil Core) locations on Figure 4-4.

At each soil coring location, a hand auger was advanced through a hole cored through the concrete floor slab to a depth of approximately 3.5 feet below the top of slab. The soil collected from each retrieval of the hand auger was placed in a zip-lock bag labeled with the core location and depth increment. The zip-lock bags were allowed to warm in the sun and were screened for the presence of volatile organic compounds (VOC) using a PID. Based on the initial PID results from the 3.5 feet deep core holes, and the test pit PID results (see below), several of the core holes were extended to greater depths (up to 10 feet beneath the top of the slab) to better characterize vertical contaminant distribution under the slab. At the soil core intervals yielding the highest PID readings, samples were collected and submitted to AES for VOC analysis using EPA Method 8260B. Following core collection, each borehole was backfilled with clean soil and completed with bentonite chips, which were subsequently hydrated and covered with concrete to be flush with the floor slab.

Shallow Excavation for Foundation Inspection

Test pits were excavated on May 22, 2007 along the exterior of the building, opposite the soil core locations, to evaluate soil conditions immediately adjacent to the building and to observe the depth of the wall footing and the wall/footing connection. The test pit locations are shown as "TP-" locations on Figure 4-4.

PID screening results from the initial interior soil cores were used as a guide to locate the test pits along the building exterior, which were positioned to be at the location of, but on the opposite side of the foundation wall from, the highest PID responses. Roadrunner Express, Inc., of Flowery Branch provided an excavator, a Hazardous Waste Operations and Emergency Response (HAZWOPER) trained operator and a hazardous waste roll-off for the test pit investigation. All of the test pits were excavated immediately adjacent to the wall footing in approximate 0.5 to 1 foot depth intervals. At each depth interval, soil samples were collected from the excavator bucket and placed into Zip-lock bags for PID headspace screening in the same manner as was described for the PID screening of the interior soil cores.

Soil samples were also collected from the bottom of test pits TP-1 and TP-4 and submitted to AES for VOC analysis using EPA Method 8260B.

Excavated soil exhibiting PID screening results discernibly above background was placed on poly sheeting for subsequent loading into a roll-off bin for characterization and disposal as investigation derived waste (IDW). Soil not segregated for off-site disposal was used to backfill the test pit from which it originated. Additional clean backfill was provided by Roadrunner Express. All test pits were backfilled to original grade.

Membrane Interface Probe (MIP) Investigation Methods

JCO contracted Vironex of Wilmington, Delaware to perform a high-resolution subsurface investigation of the two areas of the Site using Membrane Interface Probe (MIP) technology. The MIP investigation was conducted between July 24 and August 9, 2007.

MIP is a "direct sensing" technology developed by Geoprobe® for use with its direct-push probe equipment. It consists of a stainless steel probe containing a semi-permeable membrane located near its advancing tip. As the probe is advanced, VOC present in soil and groundwater penetrate the membrane and are detected using three detectors; an electron capture detector (ECD), a PID, and a flame ionization detector (FID) that provide real-time semi-quantitative measurement of total VOC in the subsurface. Additional information regarding the MIP technology is provided in Appendix K.

As shown on Figure 4-5, 41 MIP explorations were advanced to refusal depths in the southern source area, including 19 locations beneath the concrete floor slab within the Facility, and 22 exterior locations. The MIP investigation in the southern source area was initiated with explorations along the exterior walls of the facility, where previous investigations had shown VOC concentrations in soil, soil vapor, and groundwater. MIP locations were advanced in linear transects that began in areas with high VOC concentrations and continued until VOC concentrations declined significantly from peak levels based on real-time data evaluation in the field.

Vironex decontaminated all down-hole MIP equipment using a high-pressure steam cleaner after each MIP exploration was completed. In addition, Vironex conducted MIP response tests immediately before and after each MIP exploration using a standard solution containing known concentrations of VOC. These response tests served to verify that detector responses remained consistent within each

exploration. Prior to the start of each exploration, the MIP system was operated in open air to establish a baseline response and to confirm that equipment decontamination was successful in preventing carryover of contamination between locations. Each MIP exploration was backfilled with field-hydrated granular bentonite after completion.

After the conclusion of the MIP investigation, four groundwater and four soil samples were collected from locations adjacent to selected MIP explorations in the southern source area. Soil samples were collected from soil cores extracted using a dual-tube Geoprobe Macro-Core™ system. Each soil sample was split into triplicate for laboratory analysis of VOC by EPA Method 8260B, laboratory analysis of total organic carbon content using the Walkley-Black method and oleophilic dye testing (see below). Groundwater samples were collected from nearby locations to identify compounds detected by the MIP using a SP15 model direct-push groundwater sampling device manufactured by Geoprobe®. This device contained a four-foot long section of slotted pipe that is protected inside of the drill casing as the device is driven to the target sampling depth. At the target sampling depth, the drill casing was retracted to expose the screen and the groundwater sample was collected and sent to the laboratory for analysis by Method 8260B.

Oleophilic dye test kits manufactured by Oil-In-Soil, LLC of Levittown, Pennsylvania were used to test soil samples for the presence of separate-phase contamination (e.g., DNAPL). The test kits consisted of dedicated sample containers equipped with powdered oleophilic dye. The otherwise colorless oleophilic dye becomes visible in the presence of non-aqueous phase liquid. Soil and deionized water were added to each container then mixed thoroughly by shaking for several seconds. The resulting suspension was allowed to settle for several minutes and inspected visually for the presence of dye coloration.

4.2.5.2 Western Source Area

MIP Investigation Methods

A total of 32 MIP explorations were advanced to refusal depths in the western source area, as shown on Figure 4-6. The locations of MIP-24 through MIP-26, MIP-52, and MIP-53 were selected to assess the former TR-111 storage area loading dock as a potential historical release location. Locations

MIP-61 and MIP-62 were selected to evaluate VOC concentrations downgradient of the former TR-111 storage area and the adjacent trash compactor area. The remaining 25 MIP locations in the western source area were arranged in a grid pattern in the former dumpster staging area and extending northeast toward the former leach field to locate zones of highest VOC concentrations in unconsolidated deposits.

In the western source area, real-time field evaluation of MIP data was used to plan subsequent MIP investigation locations and the extent of the MIP investigation area. In general, MIP explorations were advanced outward from areas with higher VOC concentrations until VOC concentrations declined significantly from peak levels. The presence of an active septic tank to the northwest at the time of the investigation (subsequently decommissioned in Spring 2009) and dense foliage and concrete rubble fill material to the southwest limited the extent of the MIP investigation in those directions.

Two additional MIP explorations, MIP-15 and MIP-16, were advanced in the area downgradient from the former industrial septic system to confirm the results of previous investigations that indicated that septic system was not a contaminant source area.

Using the same sampling and analyses methods described for the Southern Source Area MIP investigation, three groundwater and six soil samples were collected from locations adjacent to selected MIP explorations in the western source area.

Soil Coring

To improve the geologic characterization of unconsolidated deposits and weathered bedrock in the western source area following the MIP investigation, soil cores were collected from two locations in September, 2007. These soil cores, shown on Figure 3-1 as JCO-114 and JCO-115, were collected using split-spoon samplers driven in advance of hollow stem augers. Boreholes were backfilled with field-hydrated bentonite chips after completion.

4.2.6 Methods for Characterizing Contaminant Migration from Upgradient Property

As reported to EPD by Avery in a letter dated June 19, 2007, JCO installed and sampled an array of 12 temporary monitoring wells in unconsolidated deposits along its property boundary with Baldor/Rockwell Automation in May 2007. The objective of these temporary wells was to characterize higher concentration portions of the plume that is migrating onto Avery property from Rockwell Automation, as indicated by the historical presence of tetrachloroethene (PCE) at concentrations just

below the laboratory's practical quantitation limit (5 µg/L) in monitoring well MW-39S and former temporary monitoring well TW-1D (see Section 4.3). The location of these temporary wells is shown on Figure 4-1. They are of the same configuration (1-inch diameter with 5-feet long pre-packed screens) and were installed and developed per methods described in Appendix D.

As described in Section 4.3.3., two of the 12 installed temporary wells (TW-45I and TW-45D) detected 1,1-dichloroethane (DCA) in unconsolidated deposits groundwater at 5.2-6.5 µg/L at approximately 25-35 feet below ground surface. Hydraulic gradient data, as discussed in Section 4.3, confirmed the groundwater sampled by these wells is flowing onto the Property from the upgradient property. Therefore, to confirm the results of these temporary monitoring wells, six conventional monitoring wells were installed in August/September 2007: two were installed in unconsolidated deposits (MW-43S and MW-44S), two were installed in weathered bedrock (MW-43D and MW-44D), and two were installed in bedrock (BR-13 and BR-14). The location and depths of these wells are shown on Figure 4-12. The wells were installed and developed per the methods described in Appendix D. Sampling results for these wells are described in Section 4.3.3.

4.3 RESULTS OF GROUNDWATER AND SURFACE WATER ASSESSMENT

4.3.1 Physiography and Drainage

Regional or local topographic trends often influence regional and local groundwater flow systems and help identify areas of recharge and discharge for groundwater contaminant migration and potential risk pathways. Consequently, JCO began its assessment of the Site physical hydrogeology with an evaluation of regional and local topography.

The regional topography, as recorded by the USGS (see Figure 1-1), suggests a regional groundwater divide about ½ mile east of the Site (on the other side of Interstate 985). Regional topographic lows are created to the west by Lake Lanier (about 3 miles west of the Site) with a stage of approximately 1,065 feet NGVD versus a Site elevation of about 1,170 feet NGVD; and to the east-southeast by tributaries of the Middle Oconee River, which create topographic lows of less than 1,000 feet NGVD about a mile from the Site. Surface water flow patterns and regional and Site topography support the Site's location is west of the regional divide, and thus the regional groundwater flow direction beneath the Site is westward or northwestward.

JCO subcontracted a licensed Georgia surveyor to perform a topographic survey of the Property and portions of abutting properties owned by Wrigley to the southwest and Baldor to the northeast, as well as a survey of key Property features. Figure 1-3 shows the result of the survey.

Surface water crosses the Property at its southwestern end, draining from Baldor property and portions of land along Interstate 985 into a retention pond that is controlled by a drop inlet and a level-lip spillway. The drop inlet is fed by the pond continuously and the spillway is fed by the pond intermittently (when the stage is high enough to spill over the spillway). These outlets drain into a streambed (the unnamed tributary to Mud Creek) that flows perennially northwest and enters Wrigley property before crossing through two culverts located under the railway track that services Wrigley, and draining into a small pond that is subsequently drained by an extension of the tributary draining into Mud Creek, which extends approximately three miles before draining into Lake Lanier. The streambed forms a local topographic low at the western boundary of the Property, with elevation gaining on both sides of it toward the Avery and Wrigley facilities, respectively. Surface water also enters the streambed at its northwestern end, draining ditches that receive runoff from the northern wooded portion of the abutting parcels.

4.3.2 Geology and Hydrogeology

The Site is located within the Gainesville Ridges District of the Piedmont Physiographic province. This province is delineated from the Blue Ridge province by the Brevard Fault Zone. The Brevard Zone represents a tectonic lineament of the Southern Appalachians that extends from eastern Alabama to northeast Pennsylvania. The bedrock geology in this area has been mapped as the pre-Cambrian and/or lower Paleozoic-aged Sandy Springs Group, an assemblage of biotite gneiss, mica schist, and amphibolite in the lower unit; micaceous quartzite, mica schist and graphite schist in the middle unit; and an upper unit of graphite-garnet-mica schist with lesser amounts of biotite gneiss and amphibolite (McConnell and Abrams, 1984).

The observed competent bedrock composition within the borings installed at the Site consists predominantly of light gray to dark green to gray micaceous schist, dark green to black amphibolite schist, gray phyllite, and quartzite. The schists are characterized by varying mica content with abundant pyrite (some of which occurs as euhedral pyrite crystals) and chlorite, and lesser amounts of garnet, predominately to the north of the Site. Although direct field measurements of the bedrock structure were not possible due to the lack of competent bedrock outcrops, some measurements taken on limited outcrops of the weathered rock at the Property (exposed in the streambed west of the facility) revealed

foliation planes trending north 20 degrees east in strike, and dipping in varying amounts from 15 to 50 degrees southeast.

Observations of native soils during soil boring and well installation were generally typical of residual soils of the Piedmont: reddish brown silty clay or clayey silt deposits, with some occurrences of local, thin sandy layers and reduced weathering. These residual soils exhibit minimal bedding and range from approximately 7 to 45 feet in thickness across the Property with the thicker cover occurring to the east. An orange-brown colored highly weathered bedrock (saprolite) and partially weathered bedrock formation ranging from 5 to 50 feet in thickness lies between the residual soils and competent bedrock over much of the Site. The Property strata are presented on cross-sections on Figures 4-7 through 4-14.

4.3.2.1 Potentiometric Evaluation

Twelve synoptic water-level measurement rounds have been conducted between July 2003 and October 2009. A tabular summary of potentiometric data collected during 2006 and 2007 is provided in Table 4-2(a). A tabular summary of potentiometric data collected in 2009 is provided in Table 4-2(b).

Figures 4-15 through 4-21 present the interpolated water table elevation contours in June 2006, October 2006, February 2007, May 2007, October 2007, June 2009, and October 2009, respectively. The data show shallow groundwater flow in unconsolidated deposits moves across the Property from the northeastern boundary with Baldor and trends to the west and then northwest as flow converges on the streambed of the unnamed tributary to Mud Creek. Horizontal hydraulic gradients are about 0.02 ft/ft beneath the Facility, increasing to about 0.04 ft/ft within the wooded area between the Facility and the streambed. The water table converges toward the streambed from two directions: the Facility, and the Wrigley property. A tabular summary comparison of stream stage data with streambed hydraulic head data for 9 separate potentiometric monitoring events is presented in Table 4-4; the data show consistent contribution of groundwater to streambed base flow over the portion of the stream (SBW-3 to SBW-5) that is downgradient of the western source area. Springs or seeps were also observed at the edge of the streambed adjacent to SBW-4, confirming either bank discharge of groundwater or upward flow to the stream. Consistent groundwater discharge to the stream is also supported by data at SBW-9, which is downgradient of the southern source area. The vertical gradient data for the remainder of the stream is variable in direction.

Figures 4-22 through 4-24 present the interpolated potentiometric surface for weathered bedrock as measured in October 2007, June 2009, and October 2009, respectively. The horizontal component of groundwater flow in the weathered bedrock is consistent with the pattern observed in unconsolidated deposits: trending west-southwest across the Property from the northeastern boundary with Baldor to the west and then northwest toward the streambed valley. Horizontal gradients are approximately 0.02 ft/ft in the direction of flow.

Vertical hydraulic gradients, as summarized in Table 4-3 and shown on Figures 4-22 through 4-24, are generally neutral or upward from weathered rock to the overlying unconsolidated deposits downgradient of the southern source area, and are generally downward in the area downgradient of the western source area on Avery property. Vertical hydraulic gradients are neutral between weathered rock and shallow bedrock downgradient of the southern source area, and are generally downward between weathered bedrock and shallow bedrock in the area downgradient of the western source area on Avery property. However, hydraulic data measured from monitoring wells located further downgradient in the streambed valley area show neutral to upward gradients toward unconsolidated deposits through weathered bedrock from shallow bedrock, consistent with the conceptual model of the streambed as a discharge area for groundwater, which is further buttressed by observed hydraulic connection between shallow bedrock and the unnamed tributary stream during well installations proximate to the stream in 2009.

Figures 4-25 through 4-31 present the interpolated potentiometric surfaces for shallow bedrock in June 2006, October 2006, February 2007, May 2007, October 2007, June 2009, and October 2009, respectively. Figures 4-32 through 4-38 present the interpolated potentiometric surfaces for deep bedrock on the same dates. The horizontal component of groundwater flow in the bedrock is generally consistent with the horizontal component of flow in unconsolidated deposits; that is, moving across the Property from the northeastern boundary with Baldor and trending to the west and then northwest as flow converges in the valley of the unnamed tributary between Avery and Wrigley. Horizontal gradients are moderate from the northeastern property boundary with Baldor to the valley (0.03 to 0.02 ft/ft in shallow and deep bedrock, respectively). Horizontal gradients from the Wrigley property to the valley are steeper (up to 0.07 ft/ft). The trough in the potentiometric surface of the unconsolidated deposits and bedrock that is approximately aligned with the streambed supports the conclusion that the streambed valley acts as a local groundwater discharge zone, with groundwater discharge contributing to base flow in the unnamed

tributary. Groundwater flow in local bedrock is convergent upon the valley from the Property, and from Wrigley.

Vertical gradient data, as summarized in Table 4-3 and shown (directions only) on Figures 4-25 to 4-38, support recharge from unconsolidated deposits to shallow bedrock and then deeper bedrock in the northeastern (upgradient) portion of the Property, as well as in the upland portions of the stream valley, and discharge from deeper bedrock to shallow bedrock and then unconsolidated deposits in much of the streambed area. The magnitude of these vertical gradients is considerable (approximately 0.1) at the BR-9 and MW-25 well clusters, where persistent flowing artesian conditions have been observed. Visual observations of springs in the streambed, and seeps from weathered bedrock outcrops at the streambed near BR-9S, also support the upward discharge conceptual model.

There are areas where downward gradients are observed from shallow bedrock to deeper bedrock, such as at MW-18D and BR-20, which have among the highest VOC concentrations in bedrock groundwater at the Site. However, an overall upward hydraulic potential exists between the deeper bedrock monitoring wells at these locations (BR-6 and BR-20D, respectively) and the adjacent creek near SBW-4 and SBW-5 (Table 4-2). Therefore, although there may be localized downward flow in the area of these wells, which may be attributed to a local zone of apparently higher permeability screened by these wells, flow from the vicinity of these deeper wells is expected to follow prevailing upward gradients into the groundwater discharge zone at the unnamed tributary. Geophysical assessments of the boreholes established for these deeper wells indicate no clearly apparent fracture features below the depth of the installed wells, thereby forming a basement of unfractured competent bedrock below these locations.

4.3.2.2 Hydraulic (Slug) Testing Results

JCO performed rising head and falling head single well response tests (slug tests) in 61 wells at the Site: 24 unconsolidated deposits wells; 22 weathered bedrock wells; and 15 bedrock wells. Results are summarized in Table 4-5. The unconsolidated deposits wells exhibited a geometric mean hydraulic conductivity of 1.2E-3 centimeters per second (cm/s), with a maximum of 8.7E-3 cm/s and a minimum of 1.3E-4 cm/s. The weathered bedrock wells exhibited a geometric mean hydraulic conductivity of 4.6E-4 cm/s, with a maximum of 5.3E-3 cm/s and a minimum of 1.1E-4 cm/s. Of the 15 bedrock wells evaluated, three (MW-19D, MW-27D, and BR-4S) exhibited hydraulic responses that were too rapid to measure manually. The remaining 12 bedrock wells evaluated showed a geometric mean hydraulic conductivity, K, of 1.7E-4cm/s, with a maximum of 1.8E-3 cm/s and a minimum 5.6E-6 cm/s. Some

other bedrock wells were not tested since their hydraulic conductivity is too low to permit practical manual testing; for example, BR-8D and BR-10D required weeks to equilibrate following drawdown from sampling.

4.3.2.3 Estimated Groundwater Velocities

Horizontal groundwater velocity can be estimated according to Darcy's Law, V = Ki/n, where V = groundwater flow velocity, i = horizontal hydraulic gradient, and n = estimated effective porosity. Using the geometric mean of the unconsolidated deposits hydraulic conductivity, K, as stated above, a hydraulic gradient of 0.02, which is a conservative general value for unconsolidated deposits at the Site, and an estimated effective porosity of 0.20, the horizontal groundwater velocity for unconsolidated deposits is calculated as 1.2E-4 cm/s, or 0.3 feet per day, or 120 feet per year. Calculations are shown in Appendix L. In terms of solute transport, horizontal contaminant particle transport rates are less due to retardation from sorption, the magnitude of which depends on the hydrophobic nature of the contaminant. Vertical components of groundwater flow, as discussed in Section 4.4 for the Site conceptual model, further reduce actual rates of solute migration along the horizontal plane.

Groundwater velocities in fractured bedrock systems are higher than for unconsolidated deposits due to the much smaller conductive porosity formed by fractures. Though it is not practical to measure effective porosities in weathered bedrock systems for site investigations, the project team's experience in studies involving Piedmont hydrogeology supports a range of effective porosity for weathered bedrock at the Site of up to 20%. Assuming a horizontal gradient of 0.02 and a K of 4.6E-4 cm/s, Darcy's Law predicts a horizontal groundwater velocity of approximately 50 feet per year in weathered bedrock. The project team's experience supports 0.01 as a reasonable estimate of effective porosity for fractured crystalline bedrock at the Site. Assuming a horizontal gradient of 0.02 and a K of 1.7E-4 cm/s, Darcy's Law predicts an average horizontal groundwater velocity of 350 feet per year in competent bedrock. Retardation of dissolved contamination from sorption is much lower in fractured bedrock systems, such as the one at the Site, than for unconsolidated deposits due to much lower organic carbon contents; thus, rates of solute transport are higher in fractured bedrock than in unconsolidated deposits. Results of laboratory analysis for organic carbon content of unconsolidated deposits soil and weathered bedrock are provided in Table 3-5 and in Appendix F.

4.3.3 Groundwater Quality: Comprehensive Site Characterization: 2004-2007

This subsection (4.3.3) presents results of a comprehensive Site characterization performed from 2004-2007. Subsection 4.3.4 presents results of a focused VOC source area characterization performed in 2007 as well, followed by Subsection 4.3.5, which presents results of the additional Site characterization activities performed during 2007-2009 in response to EPD Comments on previous CSRs.

4.3.3.1. Volatile Organic Compounds

Table 4-6 summarizes the results of analyses of VOC in groundwater samples. Figure 4-39 shows results from the comprehensive investigation conducted in 2004-2005; and Figure 4-40 shows VOC results from quarterly monitoring conducted from Summer 2006 to Spring 2007. Groundwater sampling purge parameter results are provided in Appendix J, laboratory reports are provided in Appendix F, and natural attenuation indicator parameter data are provided in Appendix O.

Prior to the CSR investigations conducted by JCO, groundwater samples had last been collected at the Site in 2002 by Premier in preparation of the 2003 CSR report. EPD's response to the 2003 CSR report included several Notices of Deficiencies (NOD), among which were cited deficiencies for the sampling method used (bailers rather than the required slow-purge technique), and the analytical method used (a limited list of VOC and did not include potential breakdown products, such as vinyl chloride). Consequently, groundwater samples collected prior to 2004 were not considered for this CSR for purposes of defining the nature and extent of contamination.

Unconsolidated Deposits

In November 2004, all 31 existing unconsolidated deposits monitoring wells existing at the time (MW-1 through MW-30 inclusive, and MW-W) were sampled and analyzed for a complete list of VOC per EPA Method 8260B. Results are shown on Figure 4-39.

VOC in unconsolidated deposits groundwater were detected at, near, or approximately downgradient of, four areas in November 2004: the location of the TR-111 release in 1991, which is near the southern corner of the building; the Former QA Lab Septic System, adjacent to the 1991 TR-111 release area; the Former Industrial Septic System, against the western side of the Facility; and the Former TR-111 Storage Area, which is located at the northwestern corner of the building. However, the number and placement of monitoring wells existing in November 2004 did not provide adequate coverage to fully define nature and extent of contamination. Nevertheless, these results served to form a preliminary

conceptual model and design a more thorough reconnaissance of groundwater contamination in unconsolidated deposits, which was achieved on a screening level via installation, development, and sampling of the 71 temporary wells shown on Figure 4-39 (see wells with a TW- prefix).

The reconnaissance of unconsolidated deposits groundwater quality achieved by the temporary wells indicated:

- there are two primary source areas in unconsolidated deposits: near the location of the 1991 TR-111 release at the southern corner of the Facility, and near the vicinity of the Former TR-111 Storage Area located near the western loading dock and nearby former main septic tank;
- the depth of VOC contamination at the location of the 1991 TR-111 release near the southern corner of the building appeared limited to depths of less than 30 feet below ground surface;
- contamination from the Former QA Lab Septic System and/or the 1991 TR-111 release area does not extend to the pond at the southern end of the Avery property;
- the area of potential disposal of regulated substances that was identified during Site interviews as located on the southwestern edge of the rear parking lot is not a source area of contamination (the parking lot embankment);
- the Former Industrial Septic System Drainfield is no longer, or never was, a significant source of contamination to groundwater;
- contamination is not migrating onto Avery property from Wrigley property in unconsolidated deposits groundwater;
- the area of scattered rubbish located in the woods to the northwest of the building is not a source of contamination to groundwater;
- VOC are present in deep unconsolidated deposits at the western edge of the parking lot approximately 100 feet from the Former TR-111 Storage area, and proximate to the former dumpster staging area and former main septic tank;
- dissolved VOC are discharging to unconsolidated deposits from weathered bedrock near the stream at location TW-32; and
- dissolved VOC migration in unconsolidated deposits from the two primary source areas discharges to surface water at or near the streambed.

Based on the results from the temporary reconnaissance wells, 13 additional conventional monitoring wells were installed in unconsolidated deposits in 2005 to complete the delineation of VOC contamination in unconsolidated deposits groundwater. These additional wells and all 40 pre-existing

conventional monitoring wells were sampled in May 2005, June 2006, October 2006, February 2007, and May 2007 (see Table 4-6 and Figures 4-39 through 4-40).

The four quarterly monitoring rounds conducted from June 2006 to May 2007 were performed to monitor for steady-state plume conditions and indications of natural attenuation of contaminants. There was considerable evidence of abiotic degradation of 1,1,1-TCA to 1,1-DCE at the Site, as well as biodegradation of 1,1,1-TCA to 1,1-DCA and vinyl chloride; however, rates of abiotic and biotic degradation had not been sufficient to result in a reduction of VOC concentrations in the streambed discharge zone. Consequently, additional Site characterization steps, as described in Sections 4.3.4 and 4.3.5, were undertaken to provide data necessary for Corrective Action Plan (CAP) development.

Though present at concentrations below the laboratory PQL and thus not included in the Site delineation, PCE was detected in unconsolidated deposits at monitoring well MW-39S (located along the northeastern Property boundary) on multiple occasions in 2006-2007. The position of the MW-39S monitoring well with respect to hydraulic gradients suggested a source of PCE on the upgradient property owned by Baldor, so additional reconnaissance of this boundary was conducted, as described in the following subsections.

Bedrock

As discussed in Section 4.1, 17 additional bedrock wells were installed at 12 locations in May 2005 at to characterize the nature, extent, and fate of contamination in bedrock. Results of sampling conducted in Summer 2005 are shown on Figure 4-39 and results of sampling conducted from June 2006-May 2007 are shown on Figure 4-40. All are summarized in Table 4-6. Laboratory reports are provided in Appendix F. Additional bedrock monitoring wells were installed in 2007 and 2009, as discussed in Section 4.3.5.

Site-related VOC were detected at the two bedrock wells existing prior to the JCO investigations that had previously shown contamination, MW-18D and MW-19D, and at 3 of the 17 new bedrock wells installed in 2005, BR-4S, BR-5, and BR-6. Both BR-5 and BR-6 are at the same location – except deeper – as MW-18D and MW-19D, respectively. The delineation of Site contamination in bedrock groundwater at the time was buttressed by substantial hydraulic and geologic characterization of bedrock provided by the bedrock monitoring well installations.

4.3.3.2. Metals

As described in Section 2.0, all known and suspected source areas at the Site concern VOC; thus, VOC are the primary focus of the Site investigation. However, soil and groundwater investigation for metals and total petroleum hydrocarbons (TPH) was performed in 2005 as due diligence screening to identify potential sources of gross contamination. Cadmium and chromium were formerly used as pigments in ink according to internal Avery correspondence; thus, for efficiency and conservatism, the RCRA-7 metals were selected for analysis where appropriate. TPH is a relatively inexpensive screening method for bulk petroleum contamination; thus, the TPH method was selected for that purpose. All 40 existing conventional monitoring wells were sampled for metals and TPH in November 2004 using slow-purge methods as discussed in Appendix D. Results are summarized in Table 4-6. Metals results are presented on Figure 4-42. Lab reports are provided in Appendix F.

Of the RCRA-7, barium and chromium were detected in November 2004. Background chromium and barium concentrations in groundwater were determined based on sampling data from 4 wells (MW-13, MW-22, MW-40D, and MW-34) located in the upgradient (northeastern) portion of the Site. Based on the absence of detectable chromium in the northeastern wells, the background concentrations of chromium in groundwater is the detection limit, which is 0.01 mg/L.

Chromium was detected at low concentrations in six of the 40 wells. To provide confirmation of its presence and to attempt to delineate a source, 22 of the 71 temporary monitoring wells and 4 of the 10 streambed wells were sampled for total chromium in January/February 2005; the temporary wells and streambed wells most proximate to the six conventional monitoring wells containing chromium were selected. Four of the 22 temporary wells and one of the 4 streambed wells contained chromium, and no pattern indicative of a source was present. The maximum detected chromium concentration was 0.036 mg/L at the location SBW-7; like the remaining chromium detections, this concentration is marginally above the background level of 0.01 mg/L. As further confirmation, the southernmost 15 conventional monitoring wells on the property were sampled and analyzed for total and hexavalent chromium in May 2005, and nine conventional monitoring wells distributed around all sides of the facility were sampled and analyzed for total chromium in October 2007. Total and hexavalent chromium was not detected in these wells. Therefore, it is concluded that chromium detections at the Site are attributed to background sources.

Barium was detected in 26 of the 40 wells, and was present in the well representing site background conditions, MW-22. Barium is a naturally-occurring metal commonly detected in

groundwater in the region. At the site, detections of barium did not exhibit a pattern indicative of an anthropogenic source. In order to test the hypothesis that all barium detections at the Site are attributable to background sources, the barium detections in the background region were compared with the barium detections in the area impacted by Site activities. A non-parametric analysis of variance was conducted on these values which indicated that there was no significant difference between the values in the background region and those detected in the impacted area. Based on this observation, the source of barium at the Site is considered to be natural background.

4.3.4 Focused VOC Source Area Characterization: 2007

Results from groundwater monitoring conducted in 2006-2007 did not show reduction of contaminant concentrations in the streambed discharge zone at the Site. Consequently, additional Site characterization steps were undertaken as a preliminary step towards the development of Site corrective actions. Focused source area investigations conducted in 2007 targeted the two areas believed to contain sources in Site unconsolidated deposits that contribute to RRS exceedances in groundwater; the southern source area, which consists of the area adjacent to the 1991 TR-111 release, and the western source area, which consists of the former TR-111 storage area on the west side of the facility, the former dumpster staging area, and the former main septic tank and its associated piping.

4.3.4.1 Southern Source Area

Soil Vapor Investigation

On February 13 and 14, 2007, pairs of shallow and deep soil vapor points were installed at thirteen locations through the floor slab of the southeast corner of the Facility to characterize soil vapor. The locations of the soil vapor points and the soil vapor analytical results are shown on Figure 4-43. The locations, depths, and VOC analytical results for soil samples collected during the soil vapor investigation are shown in plan view on Figure 4-44 and in cross-section view on Figure 4-45. Soil vapor analytical results are summarized in Table 4-8. Lab reports are provided in Appendix F.

Site contaminants detected in soil vapor were primarily 1,1,1-TCA and 1,1-DCE. The highest concentrations of these compounds were detected at the six soil vapor point pairs located nearest the 1991 TR-111 release, and declined significantly with distance from the known release area.

The distribution of 1,1-DCE concentrations in shallow soil vapor exhibited a similar pattern. At every location where 1,1,1-TCA or 1,1-DCE were detected in shallow soil vapor, except SV-02,

concentrations of these compounds were significantly higher in the deep soil vapor sample (collected just above the water table). The highest concentrations of 1,1,1-TCA and 1,1-DCE in deep soil vapor were detected in the sample from location SV-03D, which is located approximately 50 feet northeast of the 1991 TR-111 release area. The concentrations and lateral and vertical distribution of VOC in soil vapor suggest residual source material may be present under and along the exterior of the wall footing, and/or under the interior slab.

Isopropyl alcohol was detected in several soil vapor samples, but is attributed to residual presence of this compound in the sampling equipment from its use for decontamination of the fine-mesh sampling screens prior to installation.

Concentrations of 1,1,1-TCA and 1,1-DCE in soil samples collected from the deep soil vapor point soil borings, shown on Figures 4-44 and 4-45, did not provide direct evidence of shallow residual source materials as DNAPL beneath the slab in the areas sampled.

Soil Coring

Results from the sub-slab soil vapor investigation conducted in February 2007 in the south corner of the building showed the likely source of detectable 1,1,1-TCA and 1,1-DCE in soil vapor to be a shallow accumulation or residual distribution of TR-111 proximate to the location of the 1991 TR-111 release area. To further evaluate sub-slab soil contamination proximate to the footing, soil cores were collected on May 21 and 22, 2007 along the southern wall inside the building near to the highest concentration of shallow soil vapor contamination (at SV-2) detected during the February 2007 investigation.

The May 2007 soil coring ("SC") locations and a summary of soil analytical results are shown on Figure 4-44 and 4-45. A table listing the depths of the "SC" soil samples is also provided on Figure 4-45. Lab reports are provided in Appendix F. The highest continuous PID readings were obtained from locations SC-7 and SC-2, which were located approximately 10-15 feet from the edges of the former TR-111 storage area. PID readings generally increased below the elevation of the bottom of the wall footing, and readings remained elevated (near to or greater than 100 ppmV) at the total depth soil cores SC-2 and SC-7. The highest concentration of VOC in soil was reported for the sample collected from the bottom of core SC-7, approximately five feet below the bottom of the building footing.

Compounds detected in soil samples from SC-2, SC-3, SC-4 and SC-5A were limited to 1,1,1-TCA, its daughter product 1,1- DCE, and toluene, with the predominant contaminant being 1,1,1-TCA. In addition to these three compounds, ethylbenzene, xylene, 1,1-DCA and PCE were detected in one or more samples from SC-6 and/or SC-7; 1,1,1-TCA was detected at the highest concentrations in these samples as well.

The magnitude and distribution of the PID readings from soil cores suggest sub-slab contamination is a result of past migration of free product TR-111 resulting from the 1991 release. No direct evidence of DNAPL was observed in the soil cores, suggesting that the released free product has undergone complete phase transfer to the sorbed phase with soil particles, the aqueous phase in porewater, and the vapor phase in the vadose zone above the water table.

Foundation Inspection

On May 22, 2007, four test pits (TP1 through TP4) were excavated along the southern exterior wall of the Facility in the area of the 1991 TR-111 release to visually inspect the soil near the building foundation and to determine the depth and configuration of the foundation structure. PID screening results from the May 21-22, 2007 interior soil coring investigation were used as a guide to select the test pit locations. Test pit locations are shown on Figure 4-4. Analytical results for two soil samples collected from TP1 and TP4 are shown on Figures 4-44 and 4-45.

The building foundation wall footing was observed in TP1. At this location, the top of the wall footing was encountered approximately 1 foot bgs and extended downward to a depth of approximately 2 feet bgs.

The 1991 excavation that followed the release of TR-111 in the former storage room adjacent to the exterior wall of the main building included removal of several feet of soil from the footprint of the storage room and some of its surrounding area. The shallow excavation was lined with poly-plastic (poly) sheeting, and backfilled with clean soil in 1991. At the two May 2007 test-pit locations within the former excavation area (TP2 and TP3), no significant PID response was observed during screening of soil samples above or below the poly sheeting depth. At the two test pit locations outside of the former excavation footprint, PID screening of soil samples provided evidence of contamination to the full depth of the excavations (eight to nine feet below ground surface). The pattern of contamination suggested by PID screening results from the test pits is consistent with shallow and intermediate-depth soil

contamination resulting from lateral migration of TR-111 following the 1991 release. No direct evidence of DNAPL presence was observed in the test pits or along the foundation wall footing.

Toluene, 1,1,1-TCA, and degradation products of 1,1,1-TCA (1,1-DCA and 1,1-DCE) were detected in the soil samples collected from TP4 and TP1 (see Figures 4-44 and 4-45). The presence of these compounds and their concentrations are consistent with the results from the May 2007 soil coring investigation along the inside of the foundation wall.

MIP Investigation

To delineate the source of soil and groundwater contamination in unconsolidated deposits of the southern source area, 41 MIP explorations were advanced to refusal depths between July 24 and August 9, 2007. MIP locations are shown on Figures 4-5 and 4-6, and were selected based on results from the prior reconnaissance soil vapor and soil investigations described above. Figure 4-46 shows a plan view presentation of the maximum electron capture detector (ECD) responses at any depth for each location, and Figures 4-47 and 4-48 show cross-section views. On Figures 4-46 through 4-48, ECD responses are shown with color-gradational symbols ranging from yellow, which represents the lowest ECD responses (i.e., lowest total VOC concentrations), to dark red, which represents the maximum ECD responses (i.e., highest total VOC concentrations). FID and PID detectors were also used with the MIP; however, the ECD provides the best resolution of chlorinated compounds. A complete MIP data report is provided in Appendix K.

The MIP investigation in the southern source area was successful in delineating the horizontal and vertical extent of VOC source material in unconsolidated deposits. The southern source area, as defined by highest ECD responses, occupies an area of approximately 110 feet by 40 feet in plan view, most of which lies within the footprint of the Facility (see Figure 4-46).

Two vertically distinct zones of high ECD response are present within the southern source area: a shallow zone (ground surface to approximately 10-14 feet depth) located near the southeastern exterior Facility wall, and a deeper zone (18-25 feet depth) that extends approximately 15 feet farther to the northwest beneath the building footprint. Near the southeast wall, both inside and outside of the building footprint, the bulk of VOC mass present is concentrated in unsaturated zone soils (see Figures 4-47 and 4-48). The saturated zone in this area also contains VOC, as evidenced by historical groundwater monitoring results from MW-3, but significantly higher ECD responses were observed in unsaturated

soils. Toward the building interior, VOC concentrations in the unsaturated zone drop off sharply and the bulk of VOC mass is present in the saturated zone (see Figure 4-48). This pattern of VOC distribution is consistent with the results of the February 2007 soil vapor investigation, which showed highest concentrations of VOC in soil vapor are beneath the floor slab near the southeast exterior wall, nearby the 1991 TR-111 release location.

The results of the MIP investigation, combined with previous soil and groundwater samples collected to the northeast of the 1991 TR-111 release area, show that the QA Laboratory septic system grave, located approximately 30 to 130 feet to the east, is not part of the southern source area. Baseline or low-magnitude ECD responses were observed both above and below the water table in the three MIP explorations nearest the QA lab and the QA Lab septic system grave. Similarly, VOC were not detected in any of the five soil samples previously collected in the immediate vicinity or downgradient of the septic system grave, and VOC have not been detected in groundwater samples from monitoring well MW-1 or TW-4D, which are located in or adjacent to the septic system grave. Relatively low concentrations of 1,1,1-TCA (19 µg/L) and 1,1-DCE (43 µg/L) at TW-14S, and a single 1,1,1-TCA detection at monitoring well MW-32 (15 µg/L; May 2005) are attributed to migration of VOC in soil vapor from the southern source area. Thus, the former QA Lab septic system location is not considered a significant source of Site contamination in soil or groundwater.

ECD responses at most MIP locations in the southern source area declined below peak values near their refusal depths (see Figures 4-47 and 4-48). In most cases, ECD responses at refusal depths represented near-baseline (non-detect) values. These observations support that a majority of the southern source area contamination resides in unconsolidated deposits above the weathered bedrock unit. In addition, lack of contaminant detection in downgradient bedrock wells BR-4S and BR-4D supports the southern source area has not contaminated the competent bedrock unit.

Oleophilic dye testing and VOC analysis of soil samples collected immediately adjacent to maximum ECD response locations in unconsolidated deposits did not show evidence of NAPL presence. Combined with the absence of visual evidence of DNAPL during the soil vapor, soil coring, and foundation inspection phases of the focused source area investigation, these results indicate that most or all of the southern source area in unconsolidated deposits no longer contains accumulations of TR-111 free product, but rather the TR-111 has undergone phase transfer to the sorbed, dissolved and vapor phases.

4.3.4.2 Western Source Area

MIP Investigation

To delineate the source of soil and groundwater contamination in the unconsolidated deposits of the western source area, 32 MIP explorations were advanced to refusal depths during the period between July 24 and August 9, 2007. The MIP locations are shown on Figures 4-3 and 4-6. Maximum ECD responses at any depth for each location are shown in plan view on Figure 4-49, and in cross-section view on Figures 4-50 through 4-52. On Figures 4-49 through 4-52, ECD responses are shown with color-gradational symbols ranging from yellow, which represents the lowest responses (i.e., lowest VOC concentrations in soil and groundwater), to dark red, which represents the maximum ECD response (i.e., highest VOC concentrations in soil and groundwater). A complete MIP data report is provided in Appendix K.

The western source area MIP investigation identified an unconsolidated deposits contaminant source area approximately 150 feet west of the Former TR-111 Storage Area and loading dock, near the former main septic tank. This pattern suggests that solvent releases may have occurred in the grassy area formerly used for dumpster staging and/or from the former main septic tank area. The Former TR-111 Storage Area near the loading dock had previously been considered the most likely location of a historical solvent release, however, MIP-ECD results from four MIP explorations immediately southwest (downgradient) of the former TR-111 storage area, and three additional MIP explorations farther downgradient showed no indication of VOC in unconsolidated deposits.

A MIP exploration (MIP-54) was advanced 18 feet upgradient of shallow unconsolidated deposits well MW-12 to delineate the upgradient extent of VOC historically detected in groundwater at that monitoring well. No ECD response was observed at that upgradient location, and no VOC were detected in a groundwater sample from a co-located temporary well (TW-46). Three MIP explorations located 23 to 45 feet downgradient of MW-12 indicated the presence of low VOC concentrations in the upper few feet of the saturated zone. Thus, the western source area is not considered to extend eastward to MW-12, and the contamination at MW-12 is attributed to a shallow, isolated source of contamination located in shallow unconsolidated deposits.

The vertical extent of contamination in the western source area extends into weathered bedrock, as indicated by ECD responses to refusal depth (the MIP refuses in weathered bedrock) at several

locations. The MIP characterization did not show contamination in the unsaturated zone; thus, the source materials reside beneath the water table in the western source area. Highest ECD responses were observed at 23-30 feet bgs.

Soil Coring

Soil cores were collected from two locations (JCO-114 and JCO-115 (see Figure 3-1)) within in the western source area during September, 2007 to improve geologic characterization of unconsolidated deposits and weathered bedrock in the western source area, and to observe for presence of DNAPL. Attention was paid to observe any horizons of coarser-grained material that could serve as preferential pathways for DNAPL or dissolved contaminant migration in groundwater. None were observed, and no direct evidence of DNAPL presence was observed in unconsolidated deposits. Oleophilic dye testing of soil samples, (including samples from the peak MIP-ECD response zone near MW-36) did not indicate the presence of DNAPL, and none was visually observed in the soil cores or on the drilling equipment. In addition, VOC concentrations in soil samples from the western source area unconsolidated deposits were below thresholds indicating DNAPL presence.

4.3.4.3 Former Industrial Septic System

MIP Investigation

Though prior investigations had not detected significant VOC contamination in soil or groundwater at the location of the former industrial septic system, two MIP explorations were advanced into unconsolidated deposits immediately downgradient of its location as an additional characterization measure. Figure 4-3 shows the location of these explorations (MIP-15 and MIP-16). No ECD response was observed, indicating no detection of chlorinated VOC, which verifies the conclusions of prior investigations: the former industrial septic system is not a significant source of Site contamination.

4.3.5 Additional Site Investigation of Groundwater: 2007-2009

The results of the focused source area investigations conducted during 2007 were used to design placement locations for additional monitoring wells installed in 2007 for additional site characterization to evaluate corrective action alternatives, and to provide additional information concerning contamination migrating onto the Site from upgradient. As described in Section 4.1, a total of 33 conventional monitoring wells were installed in Fall 2007. These additional monitoring wells are shown on Figure 4-1 and include:

- 4 conventional monitoring wells installed in unconsolidated deposits (MW-45S, MW-47S, MW-48S, and MW-58S);
- 20 conventional monitoring wells installed in weathered bedrock (MW-43D, MW-43S, MW-44D, MW-44S, MW-45D, MW-46D, MW-46I, MW-47D, MW-48D, MW-49D, MW-50D, MW-51D, MW-52D, MW-56D, MW-57D, MW-57I, MW-58D, MW-59D, MW-59I, and MW-60D); and,
- 9 conventional monitoring wells installed in the competent bedrock (BR-13 through BR-21).

Following installation of the 33 new conventional monitoring wells in 2007, a total of 80 monitoring wells, 9 streambed wells, and 6 surface water locations were sampled in October 2007 and analyzed for VOC by EPA Method 8260B. Results are summarized in Table 4-6, and are shown on Figure 4-41. Lab reports are provided in Appendix F.

In Spring 2009, an additional 13 conventional monitoring wells were installed to address EPD's January 23, 2009 comments on the March 2008 CSR. These wells were installed to augment delineation of VOC in groundwater and provide data to support revisions to the Corrective Action Plan for the Site, as described in Section 4.1. The wells installed in Spring 2009 included:

- 5 conventional monitoring wells installed in unconsolidated deposits and weathered bedrock (MW-61 through MW-64, MW-65S and MW-65D;
- 5 conventional monitoring wells installed in the competent bedrock (BR-20D, BR-21D, BR-22S, BR-22D, and BR-24); and
- 1 cased bedrock boring maintained as an open interval in bedrock pending use for hydraulic containment pilot testing (BR-23).

A total of 56 monitoring wells[5] that includes these new monitoring wells, 8 streambed wells, and 7 surface water locations were sampled in June and October 2009. Water samples collected during this period were analyzed for VOC by EPA Method 8260B. Results are summarized in Table 4-6, and are shown on Figure 4-41. Laboratory reports are provided in Appendix F. Concentrations of primary Site-related VOC are also shown on the geologic cross-sections depicted on Figures 4-7 through 4-14.

[5] This total includes 8 wells which were sampled in June 2009 but could not be sampled in October 2009 due to the presence of BioTraps® temporarily installed for the purpose of collecting data in support of corrective action at the Site.

The 2007 groundwater investigation resulted in the following primary findings:

- VOC associated with the western source area extend to weathered bedrock, and the underlying fractured competent bedrock.

  VOC concentrations in samples from weathered bedrock monitoring wells show that elevated VOC concentrations are present in the weathered bedrock downgradient of the western source area, e.g. MW-57D, MW-60D (see Figure 4-41). In addition, results from samples collected from monitoring wells in fractured competent bedrock downgradient of the western source area show elevated VOC concentrations, e.g., BR-20, MW-18D, BR-21 (see Figure 4-41). Analysis of the nature and extent of contamination, as well as vertical and horizontal gradient directions, indicates VOC associated with the western source area in all three geologic units: unconsolidated deposits, weathered bedrock, and fractured competent bedrock.
- VOC associated with the southern source area appear to extend into weathered bedrock underlying the unconsolidated deposits, but *not* into the underlying fractured competent bedrock.

  VOC concentrations in samples from the weathered bedrock placed downgradient of the southern source area (MW-48D) are elevated (see Figure 4-41). No VOC were detected in cross-gradient weathered bedrock monitoring well MW-47D, indicating a narrow plume. Absence of detectable VOC in bedrock monitoring wells BR-4S and BR-4D demonstrated VOC contamination from the southern source area had not migrated to fractured competent bedrock.

- Contamination migrating onto the Property from the upgradient Baldor property is suspected.

  The new monitoring wells installed adjacent to the upgradient property boundary with Baldor/Rockwell in August/September 2007 (unconsolidated deposits wells MW-43S and MW-44S; weathered bedrock monitoring wells MW-43D and MW-44D; and bedrock wells BR-13 and BR-14) were sampled by peristaltic pump several days following development in September 2007 for reconnaissance purposes to determine if additional wells should be installed along the transect, then sampled again in October 2007 as part of the comprehensive Site monitoring using slow-purge methods as described in Section 4.2.3. Several rounds of potentiometric data confirm these wells are on the upgradient boundary of the Property, and thus would detect contamination migrating onto the Avery property from Baldor. VOC were detected in one of these wells during the September 2007 sampling: weathered bedrock monitoring well MW-43D (1,1-DCE, 6.4 µg/L; 1,1-DCA, 12 µg/L); however, the samples collected in October 2007 did not contain detectable VOC in MW-43D, or in MW-39S, which had historically shown detectable PCE at concentrations just below the laboratory's practical quantification limit (5 µg/L).

In addition to the findings of the 2007 groundwater investigation, the additional 2009 investigation resulted in the following key findings:

- Contamination migrating onto the Property from the upgradient Baldor property is confirmed.

  PCE was repeatedly detected in groundwater samples collected from MW-39S at concentrations of 2.4 and 6.3 µg/L in June 2009 and October 2009, respectively. The latter result exceeds the Risk Reduction Standard for PCE, as described in Section 7. A daughter product of PCE, trichloroethene (TCE), was also detected during the latter sampling event at 1.1 µg/L.

- Lack of contamination migrating in groundwater beyond the previously established Site boundary is confirmed.

  A vertical cluster of three separate monitoring wells (one in unconsolidated deposits, MW-62, and two in bedrock, BR-22S and BR-22D) were installed adjacent to the streambed downgradient of MW-27S and MW-27D, as requested by EPD. None of these additional monitoring wells contained detectable VOC in either of the 2009 sampling events.

- Lack of impact of the southern source area to groundwater in fractured competent bedrock is further confirmed.

  Additional deep bedrock monitoring well BR-24, which was installed below weathered bedrock monitoring well MW-48D and crossgradient of deep bedrock monitoring well BR-4D, did not contain detectable VOC.

- VOC contamination in groundwater for the portion of the southern source area beneath the Facility footprint is characterized and consistent with the Site conceptual model previously established.

  Results of groundwater VOC analyses from the five groundwater monitoring wells installed beneath the concrete floor slab inside the southern corner of the Facility (MW-63,MW-64, MW-65S, MW-65D, and MW-66 – see Figure 4-41) to characterize groundwater quality in unconsolidated deposits and weathered bedrock proximate to the southern source area support the conclusions reached from soil, soil vapor, and MIP investigations conducted in the southern source area in 2007, and are consistent with results from historical groundwater sampling downgradient from the southern source area. Elevated concentrations of 1,1,1-TCA and its breakdown products (including 1,1-DCE and 1,1-DCA) were detected in groundwater samples from locations MW-63, MW-64, MW-65S and MW-65D, consistent with the contaminants detected in soil samples. Concentrations of those VOC, while elevated, are orders of magnitude below their respective aqueous solubility limits, supporting a conceptual model of limited residual DNAPL presence distal to the monitoring wells, or contaminant mass adsorbed to solid soil particles, rather than in mobile or free-phase DNAPL form. The lateral extent of

VOC contamination was effectively delineated by MW-66, which contained 1,1-DCE at less than 2 µg/L.

Non-detection of VOC in new well BR-24, and continued non-detection of source area VOC in bedrock monitoring wells BR-4S and BR-4D is further confirmation of no impact to bedrock.

- 1,4-dioxane is not prevalent in groundwater.

  Of 56 groundwater monitoring wells (and seven surface water sampling stations) sampled in 2009 and analyzed for VOC including 1,4-dioxane, the solvent-stabilizing compound was detected at only two locations in June 2009, and only at monitoring wells (southern source area monitoring wells MW-64 and MW-65S) in which other VOC were detected at nearly an order of magnitude higher concentrations. In October 2009, 1,4-dioxane was not detected at all; however, MW-64 and MW-65S contained BioTraps at the time of sampling and were therefore not included in that second sampling event.

- VOC contamination in bedrock groundwater has been vertically delineated for practicable purposes, including full vertical delineation to applicable Risk Reduction Standards within the discharge zone.

  Deep bedrock monitoring wells BR-20D and BR-21D were installed in 2009 to further delineate the vertical extent of VOC in bedrock groundwater within the plume emanating from the western source area. At both locations, VOC concentrations in the deeper wells were generally lower compared to shallower bedrock wells at the same locations, and the deeper wells showed no exceedences of Risk Reduction Standards. Moreover, geophysical assessments of the boreholes established for these deeper wells indicate no clearly apparent fracture features below the depth of the installed wells, thereby forming a basement of unfractured competent bedrock below these locations. This is also the case at previously installed deep bedrock monitoring well BR-6, where at least 35-feet thickness of unfractured and/or non-conductive bedrock exists. In addition, prevailing overall upward hydraulic gradients from bedrock to unconsolidated deposits and surface water in the discharge zone provides hydraulic confinement to deeper migration of dissolved VOC in groundwater.

- Trichloroethene (TCE) and its daughter product cis-1,2-DCE are migrating onto the Property and Site in bedrock from upgradient sources <u>not</u> associated with Avery.

  TCE was detected in the absence of primary Site contaminants 1,1,1-TCA and 1,1-DCE at concentrations below the laboratory practical quantitation limit (PQL) in three bedrock monitoring wells at Avery (BR-1D, BR-4D and BR-12) in 2005. Detections of TCE absent 1,1,1-TCA or 1,1-DCE did not occur in any other monitoring wells on the Site in 2005, or in any of the Site monitoring wells in subsequent monitoring events prior to October 2009. Monitoring wells BR-1D and BR-12 are upgradient of the Site and downgradient of Baldor based on Site gradient patterns, but were not sampled in 2009. Monitoring well BR-4D is also downgradient of portions of the Baldor property based on Site gradient patterns, and was sampled twice in 2009. During the most recent event, it contained TCE and its daughter product cis-1,2-DCE in the absence of any other VOC.

The uniqueness of this pattern of VOC type relative to what is observed on the Site, and the fact that TCE is a daughter product of PCE and both of these compounds are observed migrating onto the Property in unconsolidated deposits from Baldor, supports that an off-Property source is the cause of the TCE in BR-4D.

A comparison of Site groundwater concentrations to Risk Reduction Standards is presented in Section 7.

4.3.6 Surface Water and Streambed Groundwater Assessment: 2005-2009

4.3.6.1 Streambed Groundwater

All ten streambed groundwater monitoring wells (see wells with SBW- prefix on Figure 4-1) have been sampled concurrently with all other monitoring wells at the Site since their installation in 2005 with the exception of SBW-6, which was destroyed by a fallen tree after the October 2006 sampling event, and SBW-7, which was discovered missing during the June 2009 monitoring event, apparently removed by vandals. Samples from the streambed monitoring wells were analyzed for VOC using EPA Method 8260B. Results are summarized in tabular format in Table 4-7. Lab reports are presented in Appendix F.

VOC were detected at location SBW-3, SBW-4, and SBW-5, which receive contaminant flux from the plume emanating from the western source area due to prevailing upward gradients at these locations (see Section 4.3.2). Contaminants have also been detected in three other streambed wells: SBW-6, SBW-7, and SBW-9, which receive contamination from groundwater migrating from the southern source area. SBW-9 is directly downgradient of the southern source area; whereas, SBW-6 and SBW-7 are located to monitor streambed groundwater along the migration pathway

Groundwater was observed emanating from two springs, Spring-1 and Spring-2 (see Figure 4-1) during a Site walk on March 15, 2005. The springs were sampled by placing Teflon tubing into the spring and providing assisted low-flow withdrawal with a peristaltic pump. Samples were sent for VOC analysis by EPA Method 8260B. Results are summarized in Table 4-6 and are also presented on Figure 4-39. Spring-1, which is located along a stream tributary near the toe of the embankment of the railroad passing over the culvert at the downstream end of the stream, did not contain contamination. Spring-2, which is located adjacent to streambed well SBW-4, contained contamination of similar nature and magnitude to that detected in SBW-4, confirming the flux of groundwater contaminants to the streambed at that location.

4.3.6.2. Surface Water

Surface water samples were collected from the center of the stream at five locations of the unnamed tributary to Mud Creek, and at one near-bank location within the pond that is the headwater to the tributary. The samples were collected on 8 separate occasions and analyzed for VOC by EPA Method 8260B: March 2005, June 2006, October 2006, February 2007, May 2007, October 2007, June 2009, and October 2009. Results are presented in Table 4-7 and on Figures 4-39 and 4-41 - see locations with the "SW-" prefix. No contaminants were detected in surface water during the first measurement event in

March 2005. During subsequent events, 1,1,1-TCA, 1,1-DCA, and 1,1-DCE were detected in surface water samples from locations SW-1 and SW-2. Contaminants (1,1-DCE) were also detected at SW-3 in May 2007, June 2009, and October 2009. The highest concentrations of all three compounds were detected at SW-2, which is located downstream from the area of groundwater discharge to the stream from the western source area plume.

In June and October 2009, surface water samples were also collected from a seventh location (SW-0; see Figure 4-41). Location SW-0 is the farthest downstream surface water sampling location, and is positioned approximately 10 feet downstream of the railroad culvert outlet at a location intended to minimize aeration of the sample caused by the outfall. 1,1,1-TCA and 1,1-DCE were detected in both the June and October 2009 samples from SW-0, and 1,1-DCA was detected only in the June 2009 event. On both sampling dates, concentrations of these VOC were slightly lower at SW-0 compared to the closest upstream sampling location (SW-1), supporting that attenuation of VOC is occurring in surface water downstream from the area of groundwater discharge to the stream.

5.0 SCREENING LEVEL ECOLOGICAL RISK ASSESSMENT REFINEMENT

A screening level ecological risk assessment (SLERA) refinement was performed for the Site in response to Comment #2 under the Corrective Action Plan heading in GA EPD's January 23, 2009 comments letter to Avery. The SLERA refinement focused on VOC contamination in surface water, sediment, and the transition zone between groundwater and surface water within the unnamed tributary to Mud Creek. A report describing the SLERA refinement is provided as Appendix Q.

The initial (Step 1) screening for the SLERA refinement indicated only one Constituent of Potential Ecological Concern (COPEC) exists for surface water, 1,1,1-TCA; no COPEC exists for sediment; and three COPECs exist for the transition zone between groundwater and surface water: 1,1,1-TCA, 1,1-DCA, and 1,1-DCE. Following Step 2 refinement of COPECs in which the 95% UCL of analytical data is compared to NOAA screening levels, a single COPEC, 1,1,1,-TCA, remained for a single medium: the transition zone between groundwater and surface water.

Within Step 3A of the process, application of central and conservative estimates for 1,1,1-TCA in the transition zone between groundwater and surface water resulted in elimination of 1,1,1-TCA as a COPEC. No COPECs remain following the Step 3A refinement. Due to the conservatism incorporated into the data selection, as well as the protective nature of the screening values used, it is highly unlikely that the Site presents any ecological risk. No additional assessment of ecological risk is warranted.

6.0 REVISED SITE CONCEPTUAL MODEL

With respect to contaminant transport, the Site's two contaminant source areas are located upgradient of a local groundwater discharge zone and a constant head boundary, which includes vertical flow gradients that effectively limit the contaminant transport and any resulting risks associated with contaminant discharge from groundwater to a relatively small area, as demonstrated by a comprehensive and long-term dataset. This section provides a conceptualization of the Site contaminant transport and these two source areas based on the results of the comprehensive investigation.

6.1 LOCAL HYDROGEOLOGY

Based on its location relative to considerable regional topographic relief, the Site is located on the western side of an apparent regional groundwater divide where groundwater flow is from the Site toward the west or northwest and Lake Lanier. The local Site topographic relief is also significant with notable surface water and groundwater horizontal flow gradients toward a local stream discharge west and southwest of the Site. The Facility is approximately 100 to 300 feet from the local stream discharge area.

The unconsolidated deposits underlying the Site predominantly consist of up to 45 feet of fill and residual soils typical of the Piedmont - reddish brown silty clay or clayey silt deposits with minimal bedding – with a geometric mean hydraulic conductivity of 1.2E-3 cm/s. The bedrock surface is highly weathered into a saprolite up to 50 feet thick or more with a heterogeneous permeability that on average is slightly less than the overlying unconsolidated deposits. Groundwater flow in the lower competent crystalline bedrock is expected to be influenced by secondary porosities, particularly foliation plane partings and fractures. Fracture networks in the inner Piedmont tend to be normal, i.e., southeast to northwest, or parallel to, the regional tectonic structure. Secondary fractures within the fracture networks also facilitate, on a site-wide scale, groundwater flow in the overall direction of hydraulic gradients. The groundwater gradients between the unconsolidated deposits and the bedrock are downward in the eastern portion of the Site and upward to the west in most of the local stream valley considered to be the discharge zone. Evidence of direct groundwater discharge from unconsolidated deposits was observed as springs within the stream and along the banks of the stream. In addition, water levels in several of the deep bedrock wells in the discharge zone are well above the ground surface indicating significant upward groundwater flow from bedrock through unconsolidated deposits toward the stream. Evidence of direct hydraulic connection of shallow bedrock to surface water was also observed in the form of continuous surfacing of large air bubbles in the unnamed tributary stream while air rotary drilling methods were employed in an adjacent borehole.

6.2 GROUNDWATER FLOW

An understanding of both the water-level and contaminant concentration data together establish a groundwater flow path of horizontal to downward flow near the eastern portion of the Site bordering the Baldor property as flow migrates west and southwest toward the local stream valley discharge zone. Closer to the stream valley and immediately west of the Site facility, downward and horizontal flow trends appear to continue in the unconsolidated deposits and weathered bedrock. Neutral or mild downward gradients are observed in most fractured bedrock wells of this area. Within this area near the stream valley discharge zone, significant downward flow gradients were measured where bedrock wells were installed in relatively more permeable bedrock fracture zones, indicating potential for groundwater to flow toward localized fracture zones prior to eventual groundwater discharge into the stream valley. Based on these measurements, observed springs in and near the stream, and significant consistent upward gradients in clean monitoring wells west of the stream on the Wrigley property, the stream valley is a groundwater discharge zone. This zone acts as a low constant head boundary and prohibits groundwater and contaminant flow to migrate west of the stream valley and dictates that all flow must discharge and migrate downstream to the northwest in the stream valley. The absence of detectable VOC in the two streambed monitoring wells, the two unconsolidated deposits wells, and the five bedrock wells located farthest downgradient along the streambed valley delineates the downgradient extent of VOC in groundwater at the Site.

6.3 CONTAMINANT SOURCE AREAS AND FATE AND TRANSPORT

Two contaminant source areas were identified from this investigation: 1) the western source area in the vicinity of the former main septic tank and nearby filled area; and 2) the southern source area surrounding the location of the 1991 release of TR-111 near the southern corner of the Facility. Both areas are considered DNAPL release areas based on the consistent and persistent detection of relatively high concentrations of VOC that are DNAPLs, and based on the depth of contaminant detection downgradient (for the western source area). In addition, after decades of contaminant groundwater flow in fractured bedrock where dilution potential is high, contaminant concentrations should be considerably attenuated and lower than currently measured if there were no persistent DNAPL sources.

One distinction between the two DNAPL release areas at the Site is that the southern source area (the location of the 1991 release of TR-111) is smaller and composed of less contaminant mass based on

the smaller area of detection, lack of contaminant detection at depth, and because a considerable mass of the residual source was removed during the remediation that occurred immediately following the release.

The Site unconsolidated deposits geology is not conducive to significant lateral spreading of the DNAPL releases, and may have also acted to retard downward DNAPL migration due to gravity as a result of the relatively low vertical permeability of the residual soils that form the unconsolidated deposits and the weathered bedrock. This is particularly evident in the southern source area, where absence of VOC in bedrock immediately downgradient shows DNAPL did not enter competent bedrock. In addition, the horizontal and vertical groundwater flow gradients in the discharge area serve to confine the downgradient migration of the resulting dissolved VOC in groundwater from the source areas.

As the dissolved plumes migrate downgradient to the west of the two source areas, with the plume from the southern source area migrating along the streambed in the weathered bedrock unit, they combine in the discharge zone of the stream valley, with the western source area contributing a majority of contaminant flux due to its greater vertical and horizontal extent. This migration pathway is evidenced by the relatively high VOC concentrations sampled from springs and shallow wells points located in and near the stream and on or near the top of weathered bedrock where it outcrops along the stream valley. In addition, the lack of contaminant detections in a full array of sentry wells in unconsolidated deposits and bedrock immediately downgradient of these relatively higher concentration detections provide further evidence that all or most of the groundwater contamination discharges to the stream prior to migrating outside of the monitored site area. The migration of VOC in groundwater is attenuated in the stream, with concentrations decreasing between the area where VOC in groundwater discharge to the stream and the farthest downstream surface water sampling location. The Screening Level Ecological Risk Assessment refinement performed in 2009 concluded that the Site contaminants present in surface water do not pose ecological risk.

The VOC concentrations measured from bedrock groundwater do not exhibit an increasing trend and observed concentration ranges are relatively similar, supporting a steady-state condition. This is consistent with the age of the release events and the estimated groundwater flow velocities in bedrock, which show contaminants should have arrived at the discharge zone in bedrock long ago. Thus, significant increases in contaminant concentrations in bedrock wells at the Site are not expected under current conditions, and have not occurred during five years of Site monitoring.

Daughter products from degradation of 1,1,1-TCA are prevalent in the groundwater plumes from the two primary source areas. Degradation of 1,1,1-TCA most often follows one or both of two pathways: A) abiotic transformation to 1,1-DCE, which then degrades aerobically or anaerobically to vinyl chloride and then ethene; or B) microbial degradation to 1,1-DCA, which then degrades to chloroethane and then ethane (Pankow and Cherry, 1996). At the Site, abiotic transformation is the dominant degradation pathway as concentrations of 1,1-DCE are generally at least equivalent to, or greater than, concentrations of 1,1,1-TCA. Vinyl chloride was also detected at low concentrations. This dominant degradation pathway may be complimented by a secondary microbial degradation pathway as evidenced by the presence of 1,1-DCA and its daughter product chloroethane in wells downgradient of the Former TR-111 Storage Area. Rates of natural attenuation have not been sufficient to cause contaminant concentrations in unconsolidated deposits to decline within the discharge area. Results of a baseline bioremediation feasibility assessment, as prescribed in the May 2008 CAP, will be included in the revised CAP which is due by May 31, 2010.

7.0 DERIVATION OF RISK REDUCTION STANDARDS AND EVALUATION OF SITE COMPLIANCE

7.1 OVERVIEW

This section describes the calculation procedures and results of the risk reduction standards (RRS) for the Flowery Branch Site based on the data set from the 2004-2009 Site investigations. Specifically, this section includes a compilation of the physical, chemical, and toxicological parameters and the results of calculations using EPD-approved methods for the following four types of RRS for soil and groundwater:

Type 1 – Standardized exposure for residential use;

Type 2 – Site-specific exposure for residential use;

Type 3 – Standardized exposure for non-residential use; and

Type 4 – Site-specific exposure for non-residential use.

In deriving the RRS, the guidance provided in HSRA Rules Chapter 391-3-19-.07 has been followed. Tables 7-1 and 7-2 summarize EPD's standard exposure parameters and chemical factors (such as exposure duration, soil organic content, etc.) and the most recent chemical-specific toxicity factors (carcinogenic slope factors and reference dose values) for the HSRA-regulated chemicals detected at this site. As provided to EPD in Avery's April 2009 submission of recalculated RRS for the Site, chemical-specific parameters listed in Table 7-2 were obtained from the September 12, 2008 USEPA Region 4 Regional Screening Level Table (RSLT), in accordance with EPD's January 23, 2009 comments regarding Revision 2 of the CSR (see Appendix A).

An example of the detailed calculations for selected constituents is provided in Appendix M. The following sections discuss the detailed calculation bases for the risk reduction standards.

After deriving the RRS for soil and groundwater, a comparison has been made to assess the Site's compliance with the applicable RRS for each target constituent. Based on this assessment, several tables and figures have been prepared showing the status of compliance for the Site, as discussed in Section 7.3

7.2 DERIVATION OF RRS

7.2.1 Groundwater

Groundwater RRS are calculated based on the exposure of a target population that has the potential to use the groundwater from the region for various activities. Two types of groundwater standards are applicable based on the exposure parameters; residential and nonresidential. The residential scenario assumes Site groundwater will be used primarily by a target population that is residing at the Site. The nonresidential scenario is based on exposure parameters that reflect the nonresidential use of the Site's groundwater resources. Under the residential exposure scenario, Type 1 RRS were obtained from Tables in HSRA Rule 391-3-19 or calculated either using the default exposure parameters and Type 2 RRS were calculated using Site-specific parameters. Similarly, under the nonresidential exposure scenario, Type 3 and 4 standards were calculated using default and Site-specific exposure parameters, respectively.

7.2.1.1 Type 1 RRS

The Type 1 RRS for the target constituents are derived from the published values in Appendix III Table 1of HSRA Rules Chapter 391-3-19.

7.2.1.2 Type 2 RRS

The Type 2 residential RRS for a constituent in groundwater is based on the assumption that the water may be used as a potable source and the exposure factors for possible ingestion of the groundwater or inhalation of volatile constituents present in the water are calculated accordingly. The RRS for carcinogenic and non-carcinogenic effects are calculated using the EPA Risk Assessment Guidance for Superfund (RAGS) Part B Equations 1 and 2, respectively, for potential residential exposure of both children and adult populations. The lower of the values calculated for adults and children populations is the appropriate standard for certification.

The RAGS Equations 1 and 2 utilize water to air volatilization factor of 0.5 L/m^3 for volatile compounds and water intake rates for adults and children which are assumed to be 2 and 1 L/day, respectively. EPD published default values for other parameters (body weight, exposure frequency, duration of exposure, etc.) were used in calculating the Type 2 RRS.

7.2.1.3 Type 3 RRS

The Type 3 RRS for the target constituents are derived from the published values in Appendix III Table 1of HSRA Rules Chapter 391-3-19, which are identical to Type 1 RRS.

7.2.1.4 Type 4 RRS

The Type 4 RRS for a chemical in groundwater is calculated as follows:

- The lower of the health-based concentration calculated using RAGS Equations 1 and 2 for nonresidential exposure, or if these cannot be calculated;
- The higher of Table 1 Appendix III of HSRA Rules Chapter 391-3-19, background value, or the detection limit.

The exposure assumptions discussed in the RAGS document and the toxicity factors for various chemicals in groundwater and soil allow estimation of health-based concentrations for carcinogenic and noncarcinogenic effects. The lower of the carcinogenic or noncarcinogenic concentration is the appropriate value for the Type 4 RRS for a given chemical.

Table 7-3 summarizes the Types 1, 2, 3, and 4 RRS for groundwater.

7.2.2 Soil

Soil risk reduction standards are also calculated based on the exposure of a target population to the affected soil. Two types of soil standards are applicable based on the exposure parameters; residential and nonresidential. The residential scenario assumes the target population is residing at the Site. The nonresidential scenario is based on exposure parameters that reflect the nonresidential usage of the site by the target population. Type 1 RRS were calculated either using the default exposure parameters and Type 2 RRS were calculated using Site-specific parameters. Similarly, under the nonresidential exposure scenario, Type 3 and 4 standards were calculated using default and Site-specific exposure parameters, respectively.

7.2.2.1 Type 1 RRS

These RRS are calculated as the lower of the following two factors: Factor 1 is the highest of the following:

- Concentrations provided in HSRA Rules Chapter 391-3-19 Appendix I;
- 100 times the Type 1 groundwater concentration; and

- Demonstration that the soil will not generate leachate that exceeds Type 1 groundwater RRS

Factor 2 is the lowest of the following:

- A non-carcinogenic health-based risk concentration calculated using RAGS Part B Equation 7 or
- A carcinogenic health-based risk concentration calculated using RAGS Part B Equation 6.

Table 7-4 summarizes the Type 1 RRS for soil at this site.

7.2.2.2 Type 2 RRS

Type 2 RRS for soil are based on residential exposure through incidental ingestion of soil and inhalation of volatile compounds present in soil and fugitive dust. The exposure factors are considered for both adults and children and the lower of the resulting standards are used as the Type 2 RRS.

The calculated RRS is the lower of the following:

- Concentrations protective of the groundwater at levels of Type 1 or Type 2, whichever is higher;
- Concentrations based on RAGS Equation 7 protective of human health for non-carcinogenic toxic effects;
- Concentrations based on RAGS Equation 6 for cancer effects.

Table 7-5 summarizes the Type 2 RRS for soil at this site.

7.2.2.3 Type 3 RRS

Type 3 RRS for soil are calculated for two zones; 1) within two feet below ground surface (surficial soil) and 2) between 2 feet below ground surface and water table (subsurface soil).

The surficial soil (i.e. the top two feet of soil) concentration shall not exceed the lower of:

- a non-carcinogenic health-based risk concentration calculated using RAGS Equation 7; or
- a carcinogenic health-based risk concentration calculated using RAGS Equation 6.

The subsurface soil standard is applicable to the region between two feet below ground surface and the water table. These concentrations shall not exceed the higher of:

- Factor 1 from Type 1 RRS above; or
- HSRA Appendix III Table 2 (for 16 metals).

Table 7-6 summarizes the Type 3 RRS for soil at this site.

7.2.2.4 Type 4 RRS

Type 4 RRS for surficial soil are calculated as the lesser of the following three values:

- The concentration that will not cause contamination of groundwater at levels that exceed the Type 4 groundwater concentration criteria;
- The non-carcinogenic health risk calculated using Equation 7 of RAGS Part B; and
- The carcinogenic health risk calculated using Equation 6 of RAGS Part B.

For soil deeper than two feet below ground surface and above the water table, the Type 4 soil RRS is calculated as the concentration that is protective of groundwater at either Type 3 or Type 4 groundwater RRS, whichever is higher.

Table 7-7 shows the calculated Type 4 RRS for soil.

7.2.3 Groundwater Protection Concentration

The concentration of a chemical in soil that would not cause an exceedance of the Type 1/2 or Type 3/4 groundwater concentrations was calculated following EPA's soil screening guidance procedure. This procedure uses an equilibrium model that estimates the distribution of the target chemical between solid (soil) and liquid (groundwater) phases. It essentially estimates the concentration of a chemical in rainwater that percolates through the soil column.

Equation 22 of EPA's Soil Screening Technical Background Document was used to derive a soil concentration to protect groundwater from leachate formation from soil. This equation allows estimation of a soil screening level (SSL) concentration based on the concentration in groundwater and other parameters.

$$SSL\ (mg/kg) = C_W \times \left[K_d + \frac{w + aH'}{b} \right]$$

Where:

C_w = target soil leachate concentration, mg/L

K_d = soil-water partition coefficient, L/kg

w = water-filled soil porosity, L water/L soil = 0.3

a = air-filled soil porosity, L air/L soil = 0.134

b = dry bulk soil density, kg/L = 1.5

H' = dimensionless Henry's law coefficient

For nonvolatile constituents (i.e. metals), the Henry's coefficient term is equated to zero in the above equation as follows.

$$SSL\ (mg/kg) = C_W \times \left[K_d + \frac{w}{b} \right]$$

For a hydrophobic chemical, the soil organic matter is the dominant parameter affecting K_d. Research has indicated that K_d is directly proportional to organic carbon fraction as long as the carbon content is above a threshold. The constant of proportionality is called the organic carbon partition coefficient (Koc). Koc values used to calculate Groundwater Protection Concentrations for organic chemicals were obtained from the September 12, 2008 RSLT. K_d values for arsenic, barium, chromium (total), and selenium cannot be calculated using chemical-specific parameters provided in the RSLT, and were obtained from Exhibit C-4 in the Supplemental Guidance for Developing Soil Screening Levels at Superfund Sites (USEPA, 2002)

7.2.4 Summary of Soil Risk Reduction Standards

The risk reduction standards for soil are summarized in Tables 7-4 through 7-7. These may be modified in the future based on potential rule changes that could affect the risk reduction standards. Avery may also decide to revise the risk reduction standards for groundwater and soil, as warranted.

7.3 COMPLIANCE WITH RISK REDUCTION STANDARDS

7.3.1 Groundwater

Groundwater contamination associated with the Site is present on separate properties owned by Avery Dennison and Wrigley, respectively. These properties operate as industrial facilities. Thus, Type 3/4 RRS are applicable for Site groundwater, which are shown on Table 7-3.

Table 7-8 provides a summary of Type 3/4 RRS exceedences for Site groundwater from non-temporary monitoring wells. The exceedences occurred at 26 locations: 12 unconsolidated deposits monitoring wells; 7 weathered bedrock monitoring wells; 5 bedrock monitoring wells; and 2 streambed monitoring wells. At each of these locations, the exceedences occurred for one or more of 7 compounds: 1,1-DCE, 1,1,2-TCA, 1,4-dioxane, carbon tetrachloride (CTET), TCE, PCE, and vinyl chloride (VC). Of these 1,1-DCE and VC are daughter products of 1,1,1-TCA degradation. 1,1,2-TCA, 1,4-dioxane, CTET, TCE and PCE exceed RRS only at locations where concentrations of 1,1,1-TCA and/or 1,1-DCE are at parts per million levels or greater and orders of magnitude higher than the CTET, TCE, and PCE concentrations[6]. Thus, the presence of 1,1,2-TCA, CTET, TCE and PCE at the Site is attributed to impurities in the source TR-111 mixture.

No metals were detected in Site groundwater above applicable RRS concentrations.

7.3.2 Soil

Soil contamination associated with the Site is present on Avery property, which exists as an industrial facility. Thus, Type 3/4 RRS are applicable for Site soils, which are shown on Tables 7-6 and 7-7, respectively. Contaminant concentrations in soil at the Site do not exceed Type 3/4 RRS.

No VOC were detected in soil at the Site above applicable RRS concentrations.

No metals were detected in soil at the Site above applicable RRS. Arsenic was detected above Type 3/4 RRS in an initial sample collected from location JCO-5. However, arsenic concentrations were below background concentrations and RRS in two confirmation soil samples (JCO-5-RPT (0-2') and

[6] PCE was detected above Type 3/4 RRS at location MW-39S in the absence of elevated 1,1,1-TCA or 1,1-DCE concentrations; this detection is attributed to on-Site migration from an off-Site source located on the upgradient Baldor property,

JCO-5-RPT (2-8')) collected from the same location in June 2009; these results refute the initial soil RRS exceedence for arsenic at JCO-5.

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Table 2-1
Summary of Work Performed for the 2004-2009 CSR Investigation
Avery Dennison Facility, Flowery Branch, Georgia

Date	Task	Rationale	Result	Figures to Consult for Additional Information
Fall 2004	Met with State of Georgia Environmental Protection Division (EPD) and Avery in Atlanta.	Present the project team's approach to addressing known data gaps and deficiencies, and to request an extension to complete a revised CSR.	Received agreement from EPD to revise Compliance Status Report (CSR) after investigation is completed; November 2005 set as the requirement to submit a revised CSR.	-
	Performed Phase I reconnaissance activity Site-wide reconnaissance walkover and interviews with selected existing staff regarding past-environmental practices. Survey of surrounding properties, and file review at Georgia EPD and Hall County offices. Performed government database search for the subject property and nearby properties.	Identify potential additional on-site and/or off-site source areas.	No off-site source areas identified based on Phase I reconnaissance. Interviews with staff indicated three additional on-site areas for investigation as potential sources: • Parking lot embankment area west of building. • Scattered debris area in woods northwest of building. • Courtyard septic system area.	-
	Assessed physical integrity of all 40 pre-existing monitoring wells.	Determine suitability for continued use for HSRA response.	All wells deemed suitable for use. One well with excessive turbidity (MW-26D) was redeveloped.	-
	Sampled indoor ambient air using 12-hour composite method at six (6) locations and analyzed them for volatile organic compounds (VOCs) using EPA Method TO-15.	Evaluate risk to indoor air receptors.	OSHA permissible exposure limits (PELs) were not exceeded.	-
	Sampled all 40 pre-existing monitoring wells using EPD required slow-purge methods and analyzed samples for VOCs by EPA Method 8260B, RCRA 7 metals by EPA Method 6010, and total petroleum hydrocarbons (TPH) by Method E1664.	Assess nature and extent of contamination; use data to design additional investigation to fill data gaps.	Provided reliable data for conceptual model; assisted in development of temporary well installation and sampling program, as well as bedrock well installation program for Spring 2005. Parameters for subsequent soil and groundwater investigations were selected, in part, based on the profile observed	-

Table 2-1 Summary of Work Performed for the 2004-2009 CSR Investigation Avery Dennison Facility, Flowery Branch, Georgia				
Date	**Task**	**Rationale**	**Result**	**Figures to Consult for Additional Information**
Fall 2004 (continued)			from this task.	
	Measured water-levels in all accessible and existing monitoring wells.	Provide data to evaluate physical hydrogeology.	Buttressed draft conceptual model for contaminant fate and transport.	-
	Performed topographic survey of the Site and proximate portions of abutting properties; survey top-of-casing elevations of monitoring wells.	Resolve discrepancies in current elevation data for monitoring wells; provide topographic survey to assist with hydrogeological interpretation.	Surveys successfully performed; datum for the Site updated to State datum from local datum. Further confirmed and enhanced Site conceptual model.	-
	Attempted installation of 20 drive-point piezometers along the edge of the southern pond and streambed.	Evaluate groundwater impacts to the pond and stream bed.	Installation unsuccessful; soil is too silty to provide sufficient yield of water through the drive-point screen openings. Follow-up technique using temporary wells planned for Winter 2004-2005.	-
	Pilot tested direct-push groundwater collection methods.	Confirm temporary PVC wells with pre-packed screens as an appropriate technology for rapid characterization of groundwater quality at the Site.	Pilot test successful; temporary wells chosen as investigation method for Winter unconsolidated deposits program.	-
Winter 2005	Installed 71 temporary wells in unconsolidated deposits at 39 locations using direct-push methods. Developed the temporary monitoring wells for sampling, and sampled them using slow purge methods. Analyzed for VOCs by EPA 8260B and for RCRA 7 metals by EPA 6010 (selected locations only).	Establish reconnaissance level definition of nature and extent of contamination in unconsolidated deposits. Address data gaps identified by Roux. Investigate potential source areas identified by Site reconnaissance. Augment the physical hydrogeological model for the Site. Permit appropriate selection of placement locations for conventional monitoring wells.	Nature and extent of contamination in unconsolidated deposits is well defined. Data gaps within known and new potential source areas are filled. Detailed unconsolidated deposits hydraulic data was acquired. Locations for new conventional unconsolidated deposits monitoring wells are established. Provided critical data to locate and optimize more costly bedrock monitoring wells.	4-39

Table 2-1
Summary of Work Performed for the 2004-2009 CSR Investigation
Avery Dennison Facility, Flowery Branch, Georgia

Date	Task	Rationale	Result	Figures to Consult for Additional Information
Spring 2005	Collected and analyzed 153 soil samples at 93 locations for analysis of VOCs by EPA 8260B; 34 composite samples at 34 locations for analysis of RCRA 7 metals by EPA 6010; and 48 composite samples at 48 locations for analysis of total petroleum hydrocarbons (TPH) by EPA 9071B.	Address known data gaps in VOCs delineation to achieve nature and extent definition per HSRA. Investigate potential additional source areas. Perform reconnaissance level screening for TPH and metals contamination.	Nature and extent of contamination in soil is defined. No sources of metals or TPHs contamination were identified.	3-2 & 3-3
	Collected and analyzed sediment samples 14 samples at 14 locations for analysis of VOCs by EPA 8260B, 5 composite samples at 5 locations for analysis of total chromium by EPA Method 6010.	Evaluate potential impacts to streambed sediment from groundwater contamination; provide data for ecological risk assessment.	VOCs detected in stream sediment at SBW-4 near core of unconsolidated deposits plume discharge; no exceedance of RRS. No ecological risk identified.	3-4 & 3-5
	Installed 10 streambed wells at 10 locations. Collected 10 samples for analysis of VOCs by EPA 8260B. Collected 5 samples for analysis of total chromium.	Evaluate potential impacts to streambed baseflow from contaminated groundwater.	VOCs detected at five locations; only one exceedence of RRS (residential) occurred: SBW-4, which is on Wrigley property.	4-39 & 4-42
	Installed 17 bedrock borings at 12 locations. Surveyed the deepest hole at each location with down-hole geophysics, including caliper assessment, temperature profile, resistivity profile, acoustic televiewer, and heat-pulse flowmeter. Installed and developed bedrock monitoring wells in all borings at intervals selected according to the geophysics results.	Provide characterization of physical hydrogeology in Site bedrock; provide delineation of nature and extent of contamination in Site bedrock.	Physical hydrogeology characterized. Site conceptual model of contaminant migration confirmed and finalized for remedial option considerations and EPD presentation. Nature and extent of contamination defined. Exceedences of Type 4 RRS for VOCs in groundwater exist at two bedrock wells in one location at the Site: BR-6 and MW-18D, for 1,1-DCE.	4-39

Table 2-1 Summary of Work Performed for the 2004-2009 CSR Investigation Avery Dennison Facility, Flowery Branch, Georgia				
Date	**Task**	**Rationale**	**Result**	**Figures to Consult for Additional Information**
Spring 2005 (continued)	Installed 13 conventional monitoring wells in unconsolidated deposits at 11 locations. Sampled all new and pre-existing monitoring wells (53) using slow purge methods and analyzed samples for VOCs by EPA 8260B and, at selected locations, total and hexavalent chromium.	Complete definition of nature and extent of groundwater contamination in unconsolidated deposits. Compare groundwater quality against RRS.	Nature and extent of groundwater contamination in unconsolidated deposits is defined. RRS are exceeded for VOCs in groundwater within two plume areas; one arising from the former TR-111 storage area, and one arising from the location of the 1991 spill of TR-111.	4-39
	Performed a water-level measurement round using all monitoring wells.	Provide data to evaluate physical hydrogeology.	Buttressed draft conceptual model for contaminant fate and transport; some bedrock monitoring wells had not yet equilibrated following installation, development and sampling.	-
	Collected 6 surface water samples at 6 locations and analyzed for VOCs by EPA Method 8260B.	Evaluate impacts to surface water; provide data for ecological risk assessment.	No contamination detected above quantification limits in surface water; no ecological risk was identified.	4-39
	Abandoned all 71 temporary monitoring wells per EPD protocol.	Satisfy regulatory requirements.	Temporary wells abandoned; regulatory requirements met.	-
	Placed automated hydraulic head level-loggers in slow-recovering bedrock wells.	Monitor for hydraulic equilibration.	Two wells, BR-8D and BR-10D, had not equilibrated in time for the final mobilization due to very low permeability. All others were ready for potentiometric measurement.	-
	Performed a water-level round with all permanent monitoring wells following hydraulic equilibration.	Provide data to evaluate physical hydrogeology.	Buttressed draft conceptual model for contaminant fate and transport.	-
	Performed falling-head slug-response hydraulic tests in 30 monitoring wells.	Provide estimates of hydraulic conductivity and transport times	Tests successfully performed and interpreted. Bedrock contamination from	-

Table 2-1 Summary of Work Performed for the 2004-2009 CSR Investigation Avery Dennison Facility, Flowery Branch, Georgia				
Date	**Task**	**Rationale**	**Result**	**Figures to Consult for Additional Information**
Spring 2005 (continued)		for contaminants in unconsolidated deposits.	bedrock sources should be at steady state; it is unclear if unconsolidated deposits contamination is at steady state.	
	Managed all investigation derived waste generated by drilling and sampling activity.	Meet regulatory requirements.	Regulatory requirements met; waste properly shipped and disposed.	-
	Screened results against site-specific human health risk reduction standards (RRS) and ecological risk thresholds.	RRS screening required to complete CSR; ecological risk assessment performed to meet Avery objectives.	RRS screening and ecological risk assessment performed. RRS exceedences exist in unconsolidated deposits (from 2 source areas) and bedrock for non-residential site use. No ecological risk is present on the site.	- -
2006	Conducted two comprehensive groundwater and surface water sampling rounds for VOCs and potentiometric data.	Obtain more complete data set to evaluate concentration trends and groundwater flow patterns.	Data set collected.	4-15, 4-16, 4-25; 4-26; 4-32; 4-33; and 4-40
Winter – Spring 2007	Performed sub-slab soil vapor and soil investigations, and inspected the building foundation as part of a focused investigation of the southern source area.	Obtain source area-specific data for development of active remedy alternatives.	Identified zone of concentrated contamination beneath the southern corner of the facility near its exterior wall. Planned MIP investigation below.	4-43 through 4-45
	Performed quarterly groundwater monitoring.	Obtain data to assess plume stability and degradation patterns.	Groundwater flow directions were generally consistent with monitoring data collected during previous sampling rounds. Abiotic degradation and biodegradation products observed, but not sufficient to result in reduction of groundwater concentrations in the discharge area.	4-17 through 4-19; 4-22; 4-27 through 4-29; 4-34 through 4-36; 4-40; and 4-41

Table 2-1 Summary of Work Performed for the 2004-2009 CSR Investigation Avery Dennison Facility, Flowery Branch, Georgia				
Date	**Task**	**Rationale**	**Result**	**Figures to Consult for Additional Information**
Winter – Spring 2007 (continued)	Performed MIP investigation of southern source area, western source area, and downgradient of the former industrial septic system leach field.	Obtain source area-specific VOC concentration data for development of active remedy alternatives.	Delineated the extent of VOC contamination in unconsolidated deposits in the southern and western source areas.	4-46 through 4-52
	Collected soil cores in the western source area.	Further characterize unconsolidated deposits geology as part of the focused source area investigation.	No preferential pathways for contaminant migration and no evidence of DNAPL presence were observed in soil cores.	-
	Performed investigation of groundwater quality at the northeastern (upgradient) Site boundary with Baldor.	Evaluate the potential for on-site migration of VOCs in groundwater from Baldor.	VOCs were detected in reconnaissance sampling of MW-43D; VOCs are migrating onto the Site from upgradient.	-
	Collected soil samples for analysis of metals concentrations.	Determine background concentrations of metals in soil; further characterize the chromium concentrations in soil in areas of potential concern.	No anthropogenic source of metals exists at the Site.	3-3
	Installed 4 monitoring wells in unconsolidated deposits; 21 monitoring wells in weathered bedrock, and 9 monitoring wells in bedrock. Sample these wells, and 55 pre-existing monitoring wells.	Obtain data to further characterize weathered bedrock and provide data for evaluation of corrective action alternatives.	Data set obtained.	4-2; 4-40; 4-41
Spring 2009	Installed 2 monitoring wells in unconsolidated and 6 monitoring wells in bedrock.	Obtain data to improve horizontal and vertical delineation of VOCs in groundwater, in areas identified by Georgia EPD.	Improved delineation of VOCs in unconsolidated deposits and bedrock groundwater. No VOCs were detected in 5 of the 8 wells installed. VOCs detected in the remaining wells were below RRS.	4-2; 4-41

Table 2-1 Summary of Work Performed for the 2004-2009 CSR Investigation Avery Dennison Facility, Flowery Branch, Georgia				
Date	**Task**	**Rationale**	**Result**	**Figures to Consult for Additional Information**
Spring 2009 (continued)	Installed 5 monitoring wells in unconsolidated deposits and weathered bedrock beneath the southern corner of the building	Characterize groundwater quality in unconsolidated deposits and weathered bedrock beneath VOC-contaminated soils located below the southern corner of the building	VOC were detected in groundwater beneath the southern corner of the building above applicable RRS. Results were consistent with findings from the 2007 MIP investigation and historical monitoring of wells downgradient of the southern building corner.	4-41
Summer/Fall 2009	Collected 2 soil samples at location JCO-5 for analysis of arsenic	Resampling at location JCO-5 to confirm arsenic levels exceed RRS.	Resampling shows that arsenic concentrations at location JCO-5 do not exceed RRS.	3-3
	Collected 3 sediment samples proximate to location SBW-10 for analysis of chromium.	Complete the delineation of chromium in sediments around SBW-10 to background.	Chromium concentrations in sediment do not exceed background concentrations or sediment criterion near SBW-10.	3-5
	Conducted two groundwater and surface water sampling rounds for VOCs and potentiometric data	Obtain data to assess plume stability and degradation patterns.	Groundwater flow directions were consistent with previous monitoring events. Abiotic degradation and biodegradation products were observed, but not sufficient to result in reduction of groundwater concentrations in the discharge area.	4-20; 4-21; 4-23; 4-24; 4-30; 4-31; 4-37; 4-38; 4-41
		Analyze groundwater samples for 1,4-dioxane	1,4-dioxane detected in two groundwater samples collected proximate to the 1991 TR-111 release location. 1,4-dioxane was not detected in the other 119 groundwater samples collected.	4-41
		Added surface water sampling location SW-0 downstream of SW-1 and culvert.	1,1-DCE detected at in surface water sample SW-0 above ISWQS in June 2009, and below ISWQS in October 2009	4-41

Table 2-1 Summary of Work Performed for the 2004-2009 CSR Investigation Avery Dennison Facility, Flowery Branch, Georgia				
Date	**Task**	**Rationale**	**Result**	**Figures to Consult for Additional Information**
Summer/Fall 2009 (continued)	Performed Screening Level Ecological Risk Assessment (SLERA) Refinement	Earlier SLERA performed through Step 2 concluded Site poses no ecological risk. EPD requested Step 3A refinement of SLERA.	The SLERA concluded the Site poses no ecological risk.	-

Table 3-1 Summary of Soil Sampling Program Rationale and Results Avery Dennison Facility, Flowery Branch, Georgia					
Boring ID	**VOCs**	**Metals**	**TPH**	**Intended Purpose**	**Result (See Section 5.0 for RRS Descriptions)**
JCO-1 through JCO-6	X	X		Confirm delineation of soil contamination from 1991 release of TR-111.	Delineated accessible soil contamination arising from TR-111 release area and former QA lab septic system area. Type 3/4 RRS for VOCs were not exceeded. Type 3/4 RRS for metals were not exceeded (repeat sampling at JCO-5 in 2009 showed no elevated arsenic concentrations)
JCO-7 through JCO-9	X	X	X	Investigate area of possible releases of contaminants along parking lot embankment.	No contamination was detected aside from toluene at JCO -9, which is below Type 3/4 RRS. The extent of toluene is bounded to non-detect (ND) by other proximate samples. Elevated arsenic detected in a 2005 sample from JCO-5 refuted by 2 repeat samples from that location collected in 2009; arsenic concentrations were below background concentrations and Type 3/4 RRS in the 2009 samples.
JCO-10	X	X		As JCO-1 to JCO-6	No VOC contamination was detected. Type 3/4 RRS for metals were not exceeded.
JCO-11	X			Further delineate contamination detected by B-16 and B-17.	Provided lateral bound to 1,1,1-TCA detected at B-17. Toluene contained in this sample is below Type 3/4 RRS and is bounded to ND by other proximate samples.
JCO-12	X			Further delineate VOC contamination detected by B-18 to B-21; investigate rear former hazardous waste storage location.	No contamination was detected. Laterally bounded soil VOC contamination detected previously at former industrial septic system.
JCO-13 through JCO-16	X			Delineation of soil contamination detected by B-30 to B-32 at former TR-111 storage area.	No contamination was detected above Type 3/4 RRS. JCO-14 and JCO-16 served, with other investigation locations, to laterally bound accessible soil contamination arising from the TR-111 storage area.
JCO-17	X	X	X	Provide background soil profile.	Provided a background profile.

Table 3-1 Summary of Soil Sampling Program Rationale and Results Avery Dennison Facility, Flowery Branch, Georgia					
Boring ID	**VOCs**	**Metals**	**TPH**	**Intended Purpose**	**Result (See Section 5.0 for RRS Descriptions)**
JCO-18 through JCO-20	X			Delineate soil VOC contamination detected by borings B-18 through B-21 at former industrial septic system.	Provided lateral boundary to accessible soil VOC contamination arising from former industrial septic system.
JCO-21 through JCO-23	X			As JCO-7 to JCO-9.	No contamination was detected.
JCO-24 through JCO-27	X		X	Investigate soil at outfall receiving stormwater from the courtyard.	No contamination was detected.
JCO-28	X			Delineate contamination detected at locations B-16, B-17 and JCO-11.	No contamination was detected; provided lateral boundary to toluene detected at JCO-11.
JCO-29 through JCO-32	X		X	Investigate soil at stormwater outfall #3.	VOCs were detected at one location at levels below Type 3/4 RRS. TPH was detected at JCO-31.
JCO-33 through JCO-36	X		X	Investigate soil at stormwater outfall #4.	No contamination was detected.
JCO-42	X		X	Augment delineation by JCO-33 through JCO-36. and JCO-29 through JCO-32.	No contamination was detected; delineation augmented.
JCO-43 though JCO-50	X	X	X	Investigate area where solid waste debris was observed in the woods.	No VOCs were detected. TPH was detected in only one local area. Type 3/4 RRS were not exceeded.
JCO-51 through JCO-58	X		X	Investigate area around trash compactor.	VOCs detected on northern side of dumpster; delineated by these samples and JCO-85. Type 3/4 RRS were not exceeded. No TPH was detected.
JCO-59 through JCO-65	X		X	Investigate area around trash compactor.	Soil contamination has been delineated. Acetone, toluene, and 2-butanone were detected adjacent to the building. No TPH was detected. No Type 3/4 RRS were exceeded.
JCO-66	X		X	Augment delineation of top-of-bank areas.	No contamination was detected.

Table 3-1
Summary of Soil Sampling Program Rationale and Results
Avery Dennison Facility, Flowery Branch, Georgia

Boring ID	VOCs	Metals	TPH	Intended Purpose	Result (See Section 5.0 for RRS Descriptions)
JCO-67 through JCO-75	X	X	X	Investigate area of courtyard septic system.	Chloroform, and at one location, its degradation product, methylene chloride, was detected in soil proximate to the courtyard septic tank. The source of chloroform is considered to be the potable water discharged to the septic system; a sample of plant water indicated chloroform at 30 ug/L. Type 3/4 RRS were not exceeded.
JCO-76 through JCO-83		X		Provide background metals concentrations.	Results were used for a statistical determination of background metals concentrations, as described within the discussion of RRS development for soil.
JCO-84, through JCO-86	X			Augment delineation provided by JCO-51 through JCO-58.	Delineation accomplished; VOCs were detected at one location at levels below Type 3/4 RRS.
JCO-87	X			Augment delineation provided by JCO-5 and JCO-6.	Delineation accomplished; no VOCs were detected.
JCO-88	X			Delineate contamination detected at HAB-2.	Delineation accomplished; no VOCs were detected.
JCO-89 & JCO-90	X			Confirm/refute detection at B-33.	Contamination at B-33 refuted; no VOCs were detected.
JCO-91 through JCO-93	X			Confirm/refute detection of acetone in 2002 samples.	Acetone contamination from Premier samples refuted; no VOCs were detected.
JCO-94 & JCO-95	X	X		Further delineate contamination at TR-111 source.	Delineation accomplished; no VOCs detected. Type 3/4 RRS for metals were not exceeded.
JCO-96 & JCO-97	X			Provide data for SPLP analysis from areas of past detections of relatively high VOCs concentrations.	SPLP data were used for the risk assessment.
JCO-116 through JCO-119; JCO-128 through JCO-130	X	X		Delineate extent of VOC contamination and confirm absence of chromium contamination at former industrial septic system.	Delineation accomplished. No VOCs were detected; chromium below background concentration in 11 of 14 samples.
JCO-120 through JCO-123	X			Additional investigation of area of courtyard septic system for VOCs.	Delineation accomplished. No VOCs were detected; chromium was below background concentration.

Table 3-1 Summary of Soil Sampling Program Rationale and Results Avery Dennison Facility, Flowery Branch, Georgia					
Boring ID	**VOCs**	**Metals**	**TPH**	**Intended Purpose**	**Result (See Section 5.0 for RRS Descriptions)**
JCO-124 through JCO-127	X			Investigate area around trash compactor and beneath building footprint.	Delineation accomplished; no VOCs detected in these cores.
JCO-131 through JCO-140		X		Evaluate background arsenic, barium, and chromium concentrations in soil.	Data acquired; background concentrations determined. See Section 3.4.2.
SC2 through SC7; SV-1 through SV-12; TP1 &TP4	X			Targeted source area investigation: locate areas of highest VOC contamination in soil adjacent to building footings and under building footprint prior to follow-up MIP investigation.	Data acquired; used to guide placement of test pit locations. No DNAPL observed. MIP investigation began along foundation wall.

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-1-4-6	B-1-8-10	B-2-4-6	B-2-8-10	B-3-4-6	B-3-8-10	B-4-4-6
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-4-8-10	B-5-4-6	B-5-8-10	B-6-2-4	B-6-6-8	B-6-8-10	B-7-4-6
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 5	ND < 5	6	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-7-8-10	B-8-4-6	B-8-8-10	B-9-2-4	B-9-6-8	B-9-8-10	B-10-2-4
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 5	ND < 5	15	ND < 5	9	5
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	5
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-10-6-8	B-10-8-10	B-11-2-4	B-11-4-6	B-11-6-8	B-11-8-10
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 5	4700	1700	52	ND < 5
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	7	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	9	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	6	ND < 5	ND < 5
Toluene	100000	100000	ND < 5	ND < 5	6800	2500	18	ND < 5
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	33	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-12-2-4	B-12-4-6	B-12-8-10	B-13-2-4	B-13-4-6	B-13-8-10
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-14-4-6	B-14-8-10	B-15-4-6	B-15-8-10	B-16-3.5-5.5
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-16-8.5-10.5	B-17-0-2	B-17-3.5-5.5	B-18-3.5-5.5	B-19-3.5-5.5
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 5	17	22	5
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	12	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	6	ND < 5	5	ND < 5	7
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-20-3.5-5.5	B-21-6-8	B-22-0-2	B-22-4-6	B-23-0-2	B-24-0-2
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	30	14	9	8	20	9
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	12	ND < 5	ND < 5	15	18	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	78	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	ND < 5	6	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-25-2-4	B-25-4-6	B-26-2-4	B-26-4-6	B-27-0-2	B-27-8-10
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 5	17	ND < 5	ND < 5	5
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-28-0-2	B-28-2-4	B-29-4-6	B-29-8-10	B-30-2-4	B-30-8-10
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	ND < 5	10	ND < 5	ND < 5	11000	13
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 100	110	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	ND < 5	ND < 5	ND < 5	ND < 5	9800	8
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	900	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	B-31-2-4	B-31-8-10	B-32-4-6	B-32-8-10	B-33-0-2	B-33-6-8
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	1992	1992
1,1,1-Trichloroethane	98000	98000	3000	14	ND < 5	ND < 5	ND < 5	6
1,1,2-Trichloroethane	500	500	ND < 500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	56000	400000	ND < 500	5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3860	3860	-	-	-	-	-	-
1,2-Dichloroethane	500	500	ND < 500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Acetone	400000	400000	ND < 10000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 100
Carbon disulfide	82000	400000	ND < 500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	2200000	2200000	-	-	-	-	-	-
Dichloromethane	600	600	-	-	-	-	-	-
Ethyl benzene	70000	70000	ND < 500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	100000	100000	3600	6	14	ND < 5	ND < 5	ND < 5
Xylenes (Total)	1000000	1000000	ND < 500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	CS-1	CS-2	HAB-1 2-3	HAB-2 2-3	GP-01-0-2	GP-01-2-4
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	1992	1992	1992	1992	2002	2002
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 5	ND < 5	190	ND < 6.1	ND < 5.7
1,1,2-Trichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 6.1	ND < 5.7
1,1-Dichloroethane	56000	400000	ND < 5	ND < 5	ND < 5	21	ND < 6.1	ND < 5.7
1,1-Dichloroethene	3860	3860	-	-	-	-	ND < 6.1	ND < 5.7
1,2-Dichloroethane	500	500	ND < 5	ND < 5	ND < 5	ND < 5	ND < 6.1	ND < 5.7
Acetone	400000	400000	ND < 100	ND < 100	ND < 100	ND < 100	ND < 61	ND < 57
Carbon disulfide	82000	400000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 61	ND < 5.7
Chloroethane	2200000	2200000	-	-	-	-	ND < 12	ND < 11
Dichloromethane	600	600	-	-	-	-	ND < 6.1	ND < 5.7
Ethyl benzene	70000	70000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 6.1	ND < 5.7
Toluene	100000	100000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 6.1	ND < 5.7
Xylenes (Total)	1000000	1000000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 12	ND < 11

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	GP-02-2-4	GP-02-4-6	GP-03-0-2	GP-03-2-4	GP-04-0-2	GP-04-2-4
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	2002	2002	2002	2002	2002	2002
1,1,1-Trichloroethane	98000	98000	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.5	ND < 5.6	ND < 5.3
1,1,2-Trichloroethane	500	500	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.5	ND < 5.6	ND < 5.3
1,1-Dichloroethane	56000	400000	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.5	ND < 5.6	ND < 5.3
1,1-Dichloroethene	3860	3860	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.5	ND < 5.6	ND < 5.3
1,2-Dichloroethane	500	500	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.5	ND < 5.6	ND < 5.3
Acetone	400000	400000	ND < 55	ND < 59	100	ND < 55	ND < 56	ND < 53
Carbon disulfide	82000	400000	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.5	ND < 5.6	ND < 5.3
Chloroethane	2200000	2200000	ND < 11	ND < 12	ND < 11	ND < 11	ND < 11	ND < 10
Dichloromethane	600	600	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.5	ND < 5.6	ND < 5.3
Ethyl benzene	70000	70000	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.5	ND < 5.6	ND < 5.3
Toluene	100000	100000	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.5	ND < 5.6	ND < 5.3
Xylenes (Total)	1000000	1000000	ND < 11	ND < 12	ND < 11	ND < 11	ND < 11	ND < 10

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	GP-05-0-2	GP-05-2-4	GP-06-0-2	GP-06-2-4	GP-07-0-2	GP-07-2-4
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	2002	2002	2002	2002	2002	2002
1,1,1-Trichloroethane	98000	98000	ND < 5.5	ND < 5	ND < 6.3	ND < 6.6	ND < 5.4	ND < 4.7
1,1,2-Trichloroethane	500	500	ND < 5.5	ND < 5	ND < 6.3	ND < 6.6	ND < 5.4	ND < 4.7
1,1-Dichloroethane	56000	400000	ND < 5.5	ND < 5	ND < 6.3	ND < 6.6	ND < 5.4	ND < 4.7
1,1-Dichloroethene	3860	3860	ND < 5.5	ND < 5	ND < 6.3	ND < 6.6	ND < 5.4	ND < 4.7
1,2-Dichloroethane	500	500	ND < 5.5	ND < 5	ND < 6.3	ND < 6.6	ND < 5.4	ND < 4.7
Acetone	400000	400000	ND < 55	ND < 50	86	ND < 66	110	ND < 47
Carbon disulfide	82000	400000	ND < 5.5	ND < 5	ND < 6.3	ND < 6.6	ND < 5.4	ND < 4.7
Chloroethane	2200000	2200000	ND < 11	ND < 10	ND < 12	ND < 13	ND < 11	ND < 9.4
Dichloromethane	600	600	ND < 5.5	ND < 5	ND < 6.3	ND < 6.6	ND < 5.4	ND < 4.7
Ethyl benzene	70000	70000	ND < 5.5	ND < 5	ND < 6.3	ND < 6.6	ND < 5.4	ND < 4.7
Toluene	100000	100000	ND < 5.5	ND < 5	ND < 6.3	ND < 6.6	ND < 5.4	ND < 4.7
Xylenes (Total)	1000000	1000000	ND < 11	ND < 10	ND < 12	ND < 13	ND < 11	ND < 9.4

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	GP-08-0-2	GP-08-2-4	GP-09-0-2	GP-09-2-4	GP-10-2-4	GP-10-8-10
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	2002	2002	2002	2002	2002	2002
1,1,1-Trichloroethane	98000	98000	ND < 5.5	ND < 5.3	ND < 5	ND < 5.1	ND < 5.3	ND < 7.2
1,1,2-Trichloroethane	500	500	ND < 5.5	ND < 5.3	ND < 5	ND < 5.1	ND < 5.3	ND < 7.2
1,1-Dichloroethane	56000	400000	ND < 5.5	ND < 5.3	ND < 5	ND < 5.1	ND < 5.3	ND < 7.2
1,1-Dichloroethene	3860	3860	ND < 5.5	ND < 5.3	ND < 5	ND < 5.1	ND < 5.3	ND < 7.2
1,2-Dichloroethane	500	500	ND < 5.5	ND < 5.3	ND < 5	ND < 5.1	ND < 5.3	ND < 7.2
Acetone	400000	400000	ND < 55	ND < 53	120	ND < 51	ND < 53	ND < 72
Carbon disulfide	82000	400000	ND < 5.5	ND < 5.3	ND < 5	ND < 5.1	ND < 5.3	ND < 7.2
Chloroethane	2200000	2200000	ND < 11	ND < 10	ND < 10	ND < 10	ND < 11	ND < 14
Dichloromethane	600	600	ND < 5.5	ND < 5.5	ND < 5	ND < 5.1	ND < 5.3	ND < 7.2
Ethyl benzene	70000	70000	ND < 5.5	ND < 5.3	ND < 5	ND < 5.1	ND < 5.3	ND < 7.2
Toluene	100000	100000	ND < 5.5	ND < 5.3	ND < 5	ND < 5.1	ND < 5.3	ND < 7.2
Xylenes (Total)	1000000	1000000	ND < 11	ND < 10	ND < 10	ND < 10	ND < 11	ND < 14

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-2
Summary of Volatile Organic Compound Analyses in Soil: 1992 and 2002
Avery Dennison Site
Flowery Branch, Georgia

		Sample ID:	GP-11-10-12	GP-11-2-4	GP-12-0-2	GP-12-2-4
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	2002	2002	2002	2002
1,1,1-Trichloroethane	98000	98000	ND < 7.5	ND < 4.7	ND < 5.8	ND < 6.3
1,1,2-Trichloroethane	500	500	ND < 7.5	ND < 4.7	ND < 5.8	ND < 6.3
1,1-Dichloroethane	56000	400000	ND < 7.5	ND < 4.7	ND < 5.8	ND < 6.3
1,1-Dichloroethene	3860	3860	ND < 7.5	ND < 4.7	ND < 5.8	ND < 6.3
1,2-Dichloroethane	500	500	ND < 7.5	ND < 4.7	ND < 5.8	ND < 6.3
Acetone	400000	400000	ND < 75	ND < 47	ND < 58	ND < 63
Carbon disulfide	82000	400000	ND < 7.5	ND < 4.7	ND < 5.8	ND < 6.3
Chloroethane	2200000	2200000	ND < 15	ND < 9.5	ND < 12	ND < 13
Dichloromethane	600	600	ND < 7.5	ND < 4.7	ND < 5.8	ND < 6.3
Ethyl benzene	70000	70000	ND < 7.5	ND < 4.7	ND < 5.8	ND < 6.3
Toluene	100000	100000	ND < 7.5	ND < 4.7	ND < 5.8	ND < 6.3
Xylenes (Total)	1000000	1000000	ND < 15	ND < 9.5	ND < 12	ND < 13

Units: µg/Kg
ND< ## = not detected at concentrations above laboratory quantitation limit (PQL), PQL provided

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-1A (0-4')	JCO-2A (0-5')	JCO-2B (5-7.7')	JCO-3A (0-5')	JCO-3B (5-8')
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
1,1,2-Trichloroethane	500	500	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
1,1-Dichloroethane	56000	400000	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
1,1-Dichloroethene	3860	3860	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
1,2-Dichloroethane	500	500	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
2-Butanone (MEK)	200000	200000	ND < 13	ND < 12	ND < 13	ND < 11	ND < 11
Acetone	400000	400000	ND < 130	ND < 120	ND < 130	ND < 110	ND < 110
Carbon disulfide	82000	400000	ND < 13	ND < 12	ND < 13	ND < 11	ND < 11
Chloroethane	2200000	2200000	ND < 13	ND < 12	ND < 13	ND < 11	ND < 11
Chloroform	4700	10000	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
Dichloromethane	600	600	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
Ethyl benzene	70000	70000	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
Freon-11	200000	200000	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
m&p-Xylene	-	-	ND < 13	ND < 12	ND < 13	ND < 11	ND < 11
o-Xylene	-	-	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
Xylenes (total)	1000000	1000000	ND < 19.6	ND < 17.8	ND < 19.5	ND < 16.7	ND < 16.6
Tetrachloroethene	500	500	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
Toluene	100000	100000	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
trans-1,2-Dichloroethene	10000	10000	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6
Trichloroethene	500	500	ND < 6.6	ND < 5.8	ND < 6.5	ND < 5.7	ND < 5.6

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-4A (0-5')	JCO-4B (5-6')	JCO-5A (0-5')	JCO-5B (5-10')	JCO-6B (8.0')
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/8/2005	3/8/2005	3/8/2005	3/8/2005	3/8/2005
1,1,1-Trichloroethane	98000	98000	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
1,1,2-Trichloroethane	500	500	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
1,1-Dichloroethane	56000	400000	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
1,1-Dichloroethene	3860	3860	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
1,2-Dichloroethane	500	500	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
2-Butanone (MEK)	200000	200000	ND < 12	ND < 12	ND < 13	ND < 14	ND < 14
Acetone	400000	400000	ND < 120	ND < 12	ND < 130	ND < 14	ND < 140
Carbon disulfide	82000	400000	ND < 12	ND < 12	ND < 13	ND < 14	ND < 14
Chloroethane	2200000	2200000	ND < 12	ND < 12	ND < 13	ND < 14	ND < 14
Chloroform	4700	10000	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
cis-1,2-Dichloroethene	1400000	1400000	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
Dichloromethane	600	600	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
Ethyl benzene	70000	70000	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
Freon-11	200000	200000	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
m&p-Xylene	-	-	ND < 12	ND < 12	ND < 13	ND < 14	ND < 14
o-Xylene	-	-	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
Xylenes (total)	1000000	1000000	ND < 17.8	ND < 17.8	ND < 19.6	ND < 16.8	ND < 21
Tetrachloroethene	500	500	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	9.8
Toluene	100000	100000	ND < 5.8	ND < 5.8	ND < 6.6	14	ND < 7
trans-1,2-Dichloroethene	10000	10000	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7
Trichloroethene	500	500	ND < 5.8	ND < 5.8	ND < 6.6	ND < 6.8	ND < 7

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-6C (12')	JCO-7B (5-10')	JCO-7C (10-11')	JCO-8-6.0	JCO-8-13.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/8/2005	3/8/2005	3/8/2005	3/9/2005	3/9/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
1,1,2-Trichloroethane	500	500	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
1,1-Dichloroethane	56000	400000	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
1,1-Dichloroethene	3860	3860	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
1,2-Dichloroethane	500	500	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
2-Butanone (MEK)	200000	200000	ND < 13	ND < 14	ND < 14	ND < 14	ND < 12
Acetone	400000	400000	ND < 130	ND < 140	ND < 140	ND < 140	ND < 120
Carbon disulfide	82000	400000	ND < 13	ND < 14	ND < 14	ND < 14	ND < 12
Chloroethane	2200000	2200000	ND < 13	ND < 14	ND < 14	ND < 14	ND < 12
Chloroform	4700	10000	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
Dichloromethane	600	600	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
Ethyl benzene	70000	70000	12	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
Freon-11	200000	200000	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
m&p-Xylene	-	-	ND < 13	ND < 14	ND < 14	ND < 14	ND < 12
o-Xylene	-	-	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
Xylenes (total)	1000000	1000000	ND < 19.4	ND < 20.8	ND < 20.9	ND < 20.8	ND < 18.2
Tetrachloroethene	500	500	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
Toluene	100000	100000	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
trans-1,2-Dichloroethene	10000	10000	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2
Trichloroethene	500	500	ND < 6.4	ND < 6.8	ND < 6.9	ND < 6.8	ND < 6.2

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-9-5.0	JCO-9-13.0	JCO-10-5.8	JCO-11-5.0	JCO-11-11.0	JCO-12-5.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/9/2005	3/9/2005	3/9/2005	3/9/2005	3/9/2005	3/9/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
1,1,2-Trichloroethane	500	500	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
1,1-Dichloroethane	56000	400000	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
1,1-Dichloroethene	3860	3860	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
1,2-Dichloroethane	500	500	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
2-Butanone (MEK)	200000	200000	ND < 14	ND < 14	ND < 13	ND < 12	ND < 12	ND < 13
Acetone	400000	400000	ND < 14	ND < 140	ND < 130	ND < 120	ND < 120	ND < 13
Carbon disulfide	82000	400000	ND < 14	ND < 14	ND < 13	ND < 12	ND < 12	ND < 13
Chloroethane	2200000	2200000	ND < 14	ND < 14	ND < 13	ND < 12	ND < 12	ND < 13
Chloroform	4700	10000	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
Dichloromethane	600	600	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
Ethyl benzene	70000	70000	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
Freon-11	200000	200000	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
m&p-Xylene	-	-	ND < 14	ND < 14	ND < 13	ND < 12	ND < 12	ND < 13
o-Xylene	-	-	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
Xylenes (total)	1000000	1000000	ND < 20.8	ND < 20.9	ND < 19.3	ND < 17.8	ND < 18.1	ND < 19.7
Tetrachloroethene	500	500	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
Toluene	100000	100000	120	ND < 6.9	ND < 6.3	11	ND < 6.1	ND < 6.7
trans-1,2-Dichloroethene	10000	10000	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7
Trichloroethene	500	500	ND < 6.8	ND < 6.9	ND < 6.3	ND < 5.8	ND < 6.1	ND < 6.7

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-12-9.0	JCO-13-5.0	JCO-14-6.0	JCO-15-5.0	JCO-15-7.0	JCO-16-2.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/9/2005	3/9/2005	3/9/2005	3/9/2005	3/9/2005	3/9/2005
1,1,1-Trichloroethane	98000	98000	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
1,1,2-Trichloroethane	500	500	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
1,1-Dichloroethane	56000	400000	ND < 5.6	ND < 5.5	ND < 5.4	11	6.1	ND < 6
1,1-Dichloroethene	3860	3860	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	14	ND < 6
1,2-Dichloroethane	500	500	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
2-Butanone (MEK)	200000	200000	ND < 11	ND < 11	ND < 11	ND < 11	ND < 11	ND < 12
Acetone	400000	400000	ND < 110	ND < 110	ND < 110	ND < 110	160	ND < 120
Carbon disulfide	82000	400000	ND < 11	ND < 11	ND < 11	ND < 11	ND < 11	ND < 12
Chloroethane	2200000	2200000	ND < 11	ND < 11	ND < 11	ND < 11	67	ND < 12
Chloroform	4700	10000	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
cis-1,2-Dichloroethene	1400000	1400000	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
Dichloromethane	600	600	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
Ethyl benzene	70000	70000	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
Freon-11	200000	200000	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
m&p-Xylene	-	-	ND < 11	ND < 11	ND < 11	ND < 11	ND < 11	ND < 12
o-Xylene	-	-	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
Xylenes (total)	1000000	1000000	ND < 16.6	ND < 16.5	ND < 16.4	ND < 16.7	ND < 16.7	ND < 18
Tetrachloroethene	500	500	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
Toluene	100000	100000	ND < 5.6	7.2	ND < 5.4	ND < 5.7	14	ND < 6
trans-1,2-Dichloroethene	10000	10000	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6
Trichloroethene	500	500	ND < 5.6	ND < 5.5	ND < 5.4	ND < 5.7	ND < 5.7	ND < 6

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	JCO-16-10.0 3/9/2005	JCO-17-3.7 3/9/2005	JCO-17-9.0 3/9/2005	JCO-18-7.0 3/10/2005	JCO-18-9.0 3/10/2005	JCO-19-2.0 3/10/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
1,1,2-Trichloroethane	500	500	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
1,1-Dichloroethane	56000	400000	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
1,1-Dichloroethene	3860	3860	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
1,2-Dichloroethane	500	500	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
2-Butanone (MEK)	200000	200000	ND < 12	ND < 14	ND < 14	ND < 12	ND < 11	ND < 12
Acetone	400000	400000	ND < 12	ND < 140	ND < 140	ND < 120	ND < 110	ND < 120
Carbon disulfide	82000	400000	ND < 12	ND < 14	ND < 14	ND < 12	ND < 11	ND < 12
Chloroethane	2200000	2200000	ND < 12	ND < 14	ND < 14	ND < 12	ND < 11	ND < 12
Chloroform	4700	10000	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
Dichloromethane	600	600	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
Ethyl benzene	70000	70000	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
Freon-11	200000	200000	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
m&p-Xylene	-	-	ND < 12	ND < 14	ND < 14	ND < 12	ND < 11	ND < 12
o-Xylene	-	-	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
Xylenes (total)	1000000	1000000	ND < 18.1	ND < 20.8	ND < 20.8	ND < 18.2	ND < 16.7	ND < 18.2
Tetrachloroethene	500	500	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
Toluene	100000	100000	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
trans-1,2-Dichloroethene	10000	10000	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2
Trichloroethene	500	500	ND < 6.1	ND < 6.8	ND < 6.8	ND < 6.2	ND < 5.7	ND < 6.2

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-19-10.0	JCO-20-7.0	JCO-20-10.0	JCO-21-2.0	JCO-22-1.0	JCO-23-2.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/10/2005	3/10/2005	3/10/2005	3/10/2005	3/10/2005	3/10/2005
1,1,1-Trichloroethane	98000	98000	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
1,1,2-Trichloroethane	500	500	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
1,1-Dichloroethane	56000	400000	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
1,1-Dichloroethene	3860	3860	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
1,2-Dichloroethane	500	500	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
2-Butanone (MEK)	200000	200000	ND < 11	ND < 13	ND < 11	ND < 13	ND < 12	ND < 11
Acetone	400000	400000	ND < 110	ND < 130	ND < 110	ND < 130	ND < 120	ND < 110
Carbon disulfide	82000	400000	ND < 11	ND < 13	ND < 11	ND < 13	ND < 12	ND < 11
Chloroethane	2200000	2200000	ND < 11	ND < 13	ND < 11	ND < 13	ND < 12	ND < 11
Chloroform	4700	10000	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
cis-1,2-Dichloroethene	1400000	1400000	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
Dichloromethane	600	600	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
Ethyl benzene	70000	70000	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
Freon-11	200000	200000	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
m&p-Xylene	-	-	ND < 11	ND < 13	ND < 11	ND < 13	ND < 12	ND < 11
o-Xylene	-	-	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
Xylenes (total)	1000000	1000000	ND < 16.4	ND < 19.7	ND < 16.4	ND < 19.7	ND < 17.8	ND < 16.5
Tetrachloroethene	500	500	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
Toluene	100000	100000	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
trans-1,2-Dichloroethene	10000	10000	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5
Trichloroethene	500	500	ND < 5.4	ND < 6.7	ND < 5.4	ND < 6.7	ND < 5.8	ND < 5.5

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	JCO-24-2.0 3/10/2005	JCO-25-1.0 3/10/2005	JCO-26-1.0 3/10/2005	JCO-27-1.0 3/10/2005	JCO-28-4.0 3/10/2005	JCO-29-2.0 3/10/2005
1,1,1-Trichloroethane	98000	98000	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
1,1,2-Trichloroethane	500	500	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
1,1-Dichloroethane	56000	400000	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
1,1-Dichloroethene	3860	3860	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
1,2-Dichloroethane	500	500	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
2-Butanone (MEK)	200000	200000	ND < 10	ND < 13	ND < 11	ND < 12	ND < 13	ND < 12
Acetone	400000	400000	ND < 100	ND < 130	ND < 110	ND < 120	ND < 130	ND < 120
Carbon disulfide	82000	400000	ND < 10	ND < 13	ND < 11	ND < 12	ND < 13	ND < 12
Chloroethane	2200000	2200000	ND < 10	ND < 13	ND < 11	ND < 12	ND < 13	ND < 12
Chloroform	4700	10000	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
cis-1,2-Dichloroethene	1400000	1400000	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
Dichloromethane	600	600	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
Ethyl benzene	70000	70000	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
Freon-11	200000	200000	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
m&p-Xylene	-	-	ND < 10	ND < 13	ND < 11	ND < 12	ND < 13	ND < 12
o-Xylene	-	-	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
Xylenes (total)	1000000	1000000	ND < 15	ND < 19.6	ND < 16.5	ND < 17.9	ND < 19.7	ND < 18.2
Tetrachloroethene	500	500	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
Toluene	100000	100000	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
trans-1,2-Dichloroethene	10000	10000	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2
Trichloroethene	500	500	ND < 5	ND < 6.6	ND < 5.5	ND < 5.9	ND < 6.7	ND < 6.2

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-30-1.0	JCO-30-2.0	JCO-31-1.0	JCO-33-2.0	JCO-33-6.0	JCO-34-5.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/10/2005	3/10/2005	3/10/2005	3/10/2005	3/10/2005	3/10/2005
1,1,1-Trichloroethane	98000	98000	6.5	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
1,1,2-Trichloroethane	500	500	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
1,1-Dichloroethane	56000	400000	6.5	10	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
1,1-Dichloroethene	3860	3860	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
1,2-Dichloroethane	500	500	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
2-Butanone (MEK)	200000	200000	ND < 13	ND < 12	ND < 12	ND < 12	ND < 14	ND < 14
Acetone	400000	400000	ND < 130	ND < 120	ND < 120	ND < 120	ND < 140	ND < 144
Carbon disulfide	82000	400000	ND < 13	ND < 12	ND < 12	ND < 12	ND < 14	ND < 14
Chloroethane	2200000	2200000	ND < 13	ND < 12	ND < 12	ND < 12	ND < 14	ND < 14
Chloroform	4700	10000	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
Dichloromethane	600	600	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
Ethyl benzene	70000	70000	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
Freon-11	200000	200000	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
m&p-Xylene	-	-	ND < 13	ND < 12	ND < 12	ND < 12	ND < 14	ND < 14
o-Xylene	-	-	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
Xylenes (total)	1000000	1000000	ND < 19.4	ND < 17.8	ND < 18	ND < 17.8	ND < 20.9	ND < 21.2
Tetrachloroethene	500	500	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
Toluene	100000	100000	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
trans-1,2-Dichloroethene	10000	10000	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2
Trichloroethene	500	500	ND < 6.4	ND < 5.8	ND < 6	ND < 5.8	ND < 6.9	ND < 7.2

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	JCO-35-1.0 3/10/2005	JCO-35-2.0 3/10/2005	JCO-36-5.0 3/10/2005	JCO-37-2.0 3/10/2005	JCO-37-7.0 3/10/2005	JCO-38-7.0 3/10/2005
1,1,1-Trichloroethane	98000	98000	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
1,1,2-Trichloroethane	500	500	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
1,1-Dichloroethane	56000	400000	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
1,1-Dichloroethene	3860	3860	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
1,2-Dichloroethane	500	500	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
2-Butanone (MEK)	200000	200000	ND < 12	ND < 13	ND < 11	ND < 12	ND < 11	ND < 11
Acetone	400000	400000	ND < 120	ND < 130	ND < 109	ND < 120	ND < 110	ND < 110
Carbon disulfide	82000	400000	ND < 12	ND < 13	ND < 11	ND < 12	ND < 11	ND < 11
Chloroethane	2200000	2200000	ND < 12	ND < 13	ND < 11	ND < 12	ND < 11	ND < 11
Chloroform	4700	10000	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
cis-1,2-Dichloroethene	1400000	1400000	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
Dichloromethane	600	600	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
Ethyl benzene	70000	70000	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
Freon-11	200000	200000	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
m&p-Xylene	-	-	ND < 12	ND < 13	ND < 11	ND < 12	ND < 11	ND < 11
o-Xylene	-	-	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
Xylenes (total)	1000000	1000000	ND < 17.9	ND < 19.3	ND < 16.5	ND < 17.9	ND < 16.5	ND < 16.7
Tetrachloroethene	500	500	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
Toluene	100000	100000	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
trans-1,2-Dichloroethene	10000	10000	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7
Trichloroethene	500	500	ND < 5.9	ND < 6.3	ND < 5.5	ND < 5.9	ND < 5.5	ND < 5.7

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	JCO-38-9.0 3/10/2005	JCO-39-1.0 3/10/2005	JCO-39-7.0 3/10/2005	JCO-40-7.0 3/10/2005	JCO-40-10.0 3/10/2005	JCO-41-9.0 3/10/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
1,1,2-Trichloroethane	500	500	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
1,1-Dichloroethane	56000	400000	18	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
1,1-Dichloroethene	3860	3860	7.9	ND < 5.3	ND < 6	6.5	ND < 4.7	44
1,2-Dichloroethane	500	500	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
2-Butanone (MEK)	200000	200000	ND < 12	ND < 11	ND < 12	ND < 11	ND < 9.4	ND < 12
Acetone	400000	400000	ND < 120	ND < 110	ND < 120	ND < 110	ND < 94	ND < 120
Carbon disulfide	82000	400000	ND < 12	ND < 11	ND < 12	ND < 11	ND < 9.4	ND < 12
Chloroethane	2200000	2200000	ND < 12	ND < 11	ND < 12	ND < 11	ND < 9.4	17
Chloroform	4700	10000	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
Dichloromethane	600	600	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
Ethyl benzene	70000	70000	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
Freon-11	200000	200000	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
m&p-Xylene	-	-	ND < 12	ND < 11	ND < 12	ND < 11	ND < 9.4	ND < 12
o-Xylene	-	-	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
Xylenes (total)	1000000	1000000	ND < 18.2	ND < 16.3	ND < 18	ND < 16.4	ND < 12.1	ND < 18.2
Tetrachloroethene	500	500	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
Toluene	100000	100000	ND < 6.2	ND < 5.3	ND < 6	7.3	ND < 4.7	19
trans-1,2-Dichloroethene	10000	10000	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2
Trichloroethene	500	500	ND < 6.2	ND < 5.3	ND < 6	ND < 5.4	ND < 4.7	ND < 6.2

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-41-10.5	JCO-42-1.0	JCO-42-8.0	JCO-43-3.0	JCO-43-12.0	JCO-44-2.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/10/2005	3/10/2005	3/10/2005	3/11/2005	3/11/2005	3/11/2005
1,1,1-Trichloroethane	98000	98000	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
1,1,2-Trichloroethane	500	500	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
1,1-Dichloroethane	56000	400000	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
1,1-Dichloroethene	3860	3860	14	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
1,2-Dichloroethane	500	500	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
2-Butanone (MEK)	200000	200000	ND < 12	ND < 13	ND < 15	ND < 12	ND < 14	ND < 12
Acetone	400000	400000	ND < 120	ND < 126	ND < 150	ND < 120	ND < 140	ND < 120
Carbon disulfide	82000	400000	16	ND < 13	ND < 15	ND < 12	ND < 14	ND < 12
Chloroethane	2200000	2200000	ND < 12	ND < 13	ND < 15	ND < 12	ND < 14	ND < 12
Chloroform	4700	10000	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
cis-1,2-Dichloroethene	1400000	1400000	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
Dichloromethane	600	600	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
Ethyl benzene	70000	70000	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
Freon-11	200000	200000	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
m&p-Xylene	-	-	ND < 12	ND < 13	ND < 15	ND < 12	ND < 14	ND < 12
o-Xylene	-	-	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
Xylenes (total)	1000000	1000000	ND < 18	ND < 19.3	ND < 22.5	ND < 18.2	ND < 20.9	ND < 18.1
Tetrachloroethene	500	500	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
Toluene	100000	100000	24	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
trans-1,2-Dichloroethene	10000	10000	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1
Trichloroethene	500	500	ND < 6	ND < 6.3	ND < 7.5	ND < 6.2	ND < 6.9	ND < 6.1

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-44-13.0	JCO-45-11.0	JCO-45-13.0	JCO-46-3.0	JCO-46-13.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/11/2005	3/11/2005	3/11/2005	3/11/2005	3/11/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
1,1,2-Trichloroethane	500	500	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
1,1-Dichloroethane	56000	400000	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
1,1-Dichloroethene	3860	3860	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
1,2-Dichloroethane	500	500	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
2-Butanone (MEK)	200000	200000	ND < 13	ND < 14	ND < 15	ND < 11	ND < 13
Acetone	400000	400000	ND < 130	ND < 140	ND < 150	ND < 110	ND < 130
Carbon disulfide	82000	400000	ND < 13	ND < 14	ND < 15	ND < 11	ND < 13
Chloroethane	2200000	2200000	ND < 13	ND < 14	ND < 15	ND < 11	ND < 13
Chloroform	4700	10000	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
Dichloromethane	600	600	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
Ethyl benzene	70000	70000	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
Freon-11	200000	200000	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
m&p-Xylene	-	-	ND < 13	ND < 14	ND < 15	ND < 11	ND < 13
o-Xylene	-	-	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
Xylenes (total)	1000000	1000000	ND < 19.7	ND < 21	ND < 22.4	ND < 16.7	ND < 19.7
Tetrachloroethene	500	500	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
Toluene	100000	100000	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
trans-1,2-Dichloroethene	10000	10000	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7
Trichloroethene	500	500	ND < 6.7	ND < 7	ND < 7.4	ND < 5.7	ND < 6.7

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-47-4.0	JCO-47-13.0	JCO-48-1.0	JCO-48-14.0	JCO-49-6.0	JCO-49-10.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/11/2005	3/11/2005	3/17/2005	3/17/2005	3/11/2005	3/11/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
1,1,2-Trichloroethane	500	500	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
1,1-Dichloroethane	56000	400000	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
1,1-Dichloroethene	3860	3860	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
1,2-Dichloroethane	500	500	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
2-Butanone (MEK)	200000	200000	ND < 13	ND < 13	ND < 14	ND < 13	ND < 13	ND < 12
Acetone	400000	400000	ND < 130	ND < 130	ND < 140	ND < 130	ND < 130	ND < 120
Carbon disulfide	82000	400000	ND < 13	ND < 13	ND < 14	ND < 13	ND < 13	ND < 12
Chloroethane	2200000	2200000	ND < 13	ND < 13	ND < 14	ND < 13	ND < 13	ND < 12
Chloroform	4700	10000	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
Dichloromethane	600	600	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
Ethyl benzene	70000	70000	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
Freon-11	200000	200000	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
m&p-Xylene	-	-	ND < 13	ND < 13	ND < 14	ND < 13	ND < 13	ND < 12
o-Xylene	-	-	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
Xylenes (total)	1000000	1000000	ND < 19.4	ND < 19.5	ND < 20.9	ND < 19.5	ND < 19.3	ND < 18.1
Tetrachloroethene	500	500	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
Toluene	100000	100000	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
trans-1,2-Dichloroethene	10000	10000	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1
Trichloroethene	500	500	ND < 6.4	ND < 6.5	ND < 6.9	ND < 6.5	ND < 6.3	ND < 6.1

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-50-4.0	JCO-50-12.0	JCO-51-9	JCO-51-14	JCO-52-12	JCO-52-14
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/11/2005	3/11/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
1,1,2-Trichloroethane	500	500	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
1,1-Dichloroethane	56000	400000	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
1,1-Dichloroethene	3860	3860	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
1,2-Dichloroethane	500	500	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
2-Butanone (MEK)	200000	200000	ND < 14	ND < 16	ND < 13	ND < 13	ND < 15	ND < 11
Acetone	400000	400000	ND < 140	ND < 160	ND < 130	ND < 130	ND < 150	ND < 110
Carbon disulfide	82000	400000	ND < 14	ND < 16	ND < 13	ND < 13	ND < 15	ND < 11
Chloroethane	2200000	2200000	ND < 14	ND < 16	ND < 13	ND < 13	ND < 15	ND < 11
Chloroform	4700	10000	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
Dichloromethane	600	600	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
Ethyl benzene	70000	70000	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
Freon-11	200000	200000	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
m&p-Xylene	-	-	ND < 14	ND < 16	ND < 13	ND < 13	ND < 15	ND < 11
o-Xylene	-	-	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
Xylenes (total)	1000000	1000000	ND < 20.9	ND < 23.9	ND < 19.3	ND < 19.3	ND < 22.4	ND < 16.6
Tetrachloroethene	500	500	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
Toluene	100000	100000	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
trans-1,2-Dichloroethene	10000	10000	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6
Trichloroethene	500	500	ND < 6.9	ND < 7.9	ND < 6.3	ND < 6.3	ND < 7.4	ND < 5.6

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-53-3	JCO-53-15	JCO-54-7	JCO-54-14	JCO-55-7	JCO-55-12
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
1,1,2-Trichloroethane	500	500	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
1,1-Dichloroethane	56000	400000	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
1,1-Dichloroethene	3860	3860	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
1,2-Dichloroethane	500	500	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
2-Butanone (MEK)	200000	200000	ND < 13	ND < 11	ND < 12	ND < 13	ND < 14	ND < 14
Acetone	400000	400000	ND < 130	ND < 110	ND < 120	ND < 130	ND < 140	ND < 140
Carbon disulfide	82000	400000	ND < 13	ND < 11	ND < 12	ND < 13	ND < 14	ND < 14
Chloroethane	2200000	2200000	ND < 13	ND < 11	ND < 12	ND < 13	ND < 14	ND < 14
Chloroform	4700	10000	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
Dichloromethane	600	600	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
Ethyl benzene	70000	70000	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
Freon-11	200000	200000	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
m&p-Xylene	-	-	ND < 13	ND < 11	ND < 12	ND < 13	ND < 14	ND < 14
o-Xylene	-	-	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
Xylenes (total)	1000000	1000000	ND < 19.7	ND < 16.7	ND < 17.8	ND < 19.5	ND < 20.8	ND < 20.9
Tetrachloroethene	500	500	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
Toluene	100000	100000	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
trans-1,2-Dichloroethene	10000	10000	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9
Trichloroethene	500	500	ND < 6.7	ND < 5.7	ND < 5.8	ND < 6.5	ND < 6.8	ND < 6.9

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-56-9	JCO-56-14	JCO-57-6	JCO-57-14	JCO-58-11	JCO-58-13
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005	3/16/2005
1,1,1-Trichloroethane	98000	98000	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
1,1,2-Trichloroethane	500	500	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
1,1-Dichloroethane	56000	400000	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
1,1-Dichloroethene	3860	3860	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
1,2-Dichloroethane	500	500	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
2-Butanone (MEK)	200000	200000	ND < 14	ND < 10	ND < 13	ND < 11	ND < 14	ND < 14
Acetone	400000	400000	ND < 140	ND < 100	ND < 130	ND < 110	ND < 140	ND < 140
Carbon disulfide	82000	400000	ND < 14	ND < 10	ND < 13	ND < 11	ND < 14	ND < 14
Chloroethane	2200000	2200000	ND < 14	ND < 10	ND < 13	ND < 11	ND < 14	ND < 14
Chloroform	4700	10000	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
cis-1,2-Dichloroethene	1400000	1400000	ND < 7	13	ND < 6.6	53	ND < 6.9	ND < 6.8
Dichloromethane	600	600	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
Ethyl benzene	70000	70000	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
Freon-11	200000	200000	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
m&p-Xylene	-	-	ND < 14	ND < 10	ND < 13	ND < 11	ND < 14	ND < 14
o-Xylene	-	-	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
Xylenes (total)	1000000	1000000	ND < 21	ND < 15.2	ND < 19.6	ND < 16.7	ND < 20.9	ND < 20.8
Tetrachloroethene	500	500	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
Toluene	100000	100000	ND < 7	ND < 5.2	ND < 6.6	ND < 5.7	ND < 6.9	ND < 6.8
trans-1,2-Dichloroethene	10000	10000	ND < 7	7.2	ND < 6.6	41	ND < 6.9	ND < 6.8
Trichloroethene	500	500	ND < 7	ND < 5.2	ND < 6.6	16	ND < 6.9	ND < 6.8

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-60-4	JCO-60-14	JCO-61-9.0	JCO-61-13.0	JCO-62-9.0	JCO-62-14.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/16/2005	3/16/2005	3/17/2005	3/17/2005	3/17/2005	3/17/2005
1,1,1-Trichloroethane	98000	98000	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
1,1,2-Trichloroethane	500	500	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
1,1-Dichloroethane	56000	400000	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
1,1-Dichloroethene	3860	3860	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
1,2-Dichloroethane	500	500	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
2-Butanone (MEK)	200000	200000	ND < 10	ND < 14	ND < 13	ND < 15	ND < 11	ND < 14
Acetone	400000	400000	ND < 100	ND < 140	ND < 130	ND < 150	ND < 110	ND < 140
Carbon disulfide	82000	400000	ND < 10	ND < 14	ND < 13	ND < 15	ND < 11	ND < 14
Chloroethane	2200000	2200000	ND < 10	ND < 14	ND < 13	ND < 15	ND < 11	ND < 14
Chloroform	4700	10000	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
cis-1,2-Dichloroethene	1400000	1400000	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
Dichloromethane	600	600	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
Ethyl benzene	70000	70000	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
Freon-11	200000	200000	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
m&p-Xylene	-	-	ND < 10	ND < 14	ND < 13	ND < 15	ND < 11	ND < 14
o-Xylene	-	-	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
Xylenes (total)	1000000	1000000	ND < 15.1	ND < 20.9	ND < 19.5	ND < 22.3	ND < 16.7	ND < 21.1
Tetrachloroethene	500	500	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
Toluene	100000	100000	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
trans-1,2-Dichloroethene	10000	10000	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1
Trichloroethene	500	500	ND < 5.1	ND < 6.9	ND < 6.5	ND < 7.3	ND < 5.7	ND < 7.1

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-63-8.0	JCO-63-12.0	JCO-64-8.0	JCO-65-9	JCO-65-12	JCO-66-1
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/17/2005	3/17/2005	3/17/2005	3/17/2005	3/17/2005	3/17/2005
1,1,1-Trichloroethane	98000	98000	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
1,1,2-Trichloroethane	500	500	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
1,1-Dichloroethane	56000	400000	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
1,1-Dichloroethene	3860	3860	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
1,2-Dichloroethane	500	500	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
2-Butanone (MEK)	200000	200000	ND < 10	ND < 15	ND < 12	48	ND < 12	ND < 13
Acetone	400000	400000	ND < 100	ND < 150	230	290	ND < 120	ND < 130
Carbon disulfide	82000	400000	ND < 10	ND < 15	ND < 12	ND < 12	ND < 12	ND < 13
Chloroethane	2200000	2200000	ND < 10	ND < 15	ND < 12	ND < 12	ND < 12	ND < 13
Chloroform	4700	10000	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
cis-1,2-Dichloroethene	1400000	1400000	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
Dichloromethane	600	600	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
Ethyl benzene	70000	70000	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
Freon-11	200000	200000	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
m&p-Xylene	-	-	ND < 10	ND < 15	ND < 12	ND < 12	ND < 12	ND < 13
o-Xylene	-	-	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
Xylenes (total)	1000000	1000000	ND < 15.2	ND < 22.4	ND < 18	ND < 17.8	ND < 18.1	ND < 19.4
Tetrachloroethene	500	500	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
Toluene	100000	100000	ND < 5.2	ND < 7.4	12	ND < 5.8	ND < 6.1	ND < 6.4
trans-1,2-Dichloroethene	10000	10000	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4
Trichloroethene	500	500	ND < 5.2	ND < 7.4	ND < 6	ND < 5.8	ND < 6.1	ND < 6.4

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-66-4	JCO-67-2.0	JCO-67-12.0	JCO-68-2.0	JCO-68-9.0	JCO-69-1.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/17/2005	3/18/2005	3/18/2005	3/18/2005	3/18/2005	3/18/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
1,1,2-Trichloroethane	500	500	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
1,1-Dichloroethane	56000	400000	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
1,1-Dichloroethene	3860	3860	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
1,2-Dichloroethane	500	500	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
2-Butanone (MEK)	200000	200000	ND < 14	ND < 12	ND < 12	ND < 13	ND < 12	ND < 11
Acetone	400000	400000	ND < 140	ND < 120	ND < 120	ND < 130	ND < 120	ND < 110
Carbon disulfide	82000	400000	ND < 14	ND < 12	ND < 12	ND < 13	ND < 12	ND < 11
Chloroethane	2200000	2200000	ND < 14	ND < 12	ND < 12	ND < 13	ND < 12	ND < 11
Chloroform	4700	10000	ND < 6.9	8.2	10	ND < 6.3	13	ND < 5.6
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
Dichloromethane	600	600	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
Ethyl benzene	70000	70000	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
Freon-11	200000	200000	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
m&p-Xylene	-	-	ND < 14	ND < 12	ND < 12	ND < 13	ND < 12	ND < 11
o-Xylene	-	-	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
Xylenes (total)	1000000	1000000	ND < 20.9	ND < 18	ND < 18.2	ND < 19.3	ND < 18	ND < 16.6
Tetrachloroethene	500	500	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
Toluene	100000	100000	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
trans-1,2-Dichloroethene	10000	10000	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6
Trichloroethene	500	500	ND < 6.9	ND < 6	ND < 6.2	ND < 6.3	ND < 6	ND < 5.6

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-69-12.0	JCO-70-1.0	JCO-70-8.0	JCO-71-4.0	JCO-71-10.0	JCO-72-3.0
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/18/2005	3/18/2005	3/18/2005	3/18/2005	3/18/2005	3/18/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
1,1,2-Trichloroethane	500	500	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
1,1-Dichloroethane	56000	400000	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
1,1-Dichloroethene	3860	3860	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
1,2-Dichloroethane	500	500	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
2-Butanone (MEK)	200000	200000	ND < 12	ND < 11	ND < 12	ND < 12	ND < 12	ND < 14
Acetone	400000	400000	ND < 120	ND < 110	ND < 120	ND < 120	ND < 120	ND < 140
Carbon disulfide	82000	400000	ND < 12	ND < 11	ND < 12	ND < 12	ND < 12	ND < 14
Chloroethane	2200000	2200000	ND < 12	ND < 11	ND < 12	ND < 12	ND < 12	ND < 14
Chloroform	4700	10000	87	26	14	190	49	ND < 6.8
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
Dichloromethane	600	600	ND < 6.2	ND < 5.6	ND < 6	13	ND < 6.1	ND < 6.8
Ethyl benzene	70000	70000	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
Freon-11	200000	200000	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
m&p-Xylene	-	-	ND < 12	ND < 11	ND < 12	ND < 12	ND < 12	ND < 14
o-Xylene	-	-	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
Xylenes (total)	1000000	1000000	ND < 18.2	ND < 16.6	ND < 18	ND < 17.9	ND < 18.1	ND < 20.8
Tetrachloroethene	500	500	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
Toluene	100000	100000	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
trans-1,2-Dichloroethene	10000	10000	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8
Trichloroethene	500	500	ND < 6.2	ND < 5.6	ND < 6	ND < 5.9	ND < 6.1	ND < 6.8

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	JCO-72-9.0 3/18/2005	JCO-73-5.0 3/18/2005	JCO-73-9.0 3/18/2005	JCO-74-5.0 3/18/2005	JCO-74-8.0 3/18/2005	JCO-75-5 3/18/2005
1,1,1-Trichloroethane	98000	98000	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
1,1,2-Trichloroethane	500	500	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
1,1-Dichloroethane	56000	400000	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
1,1-Dichloroethene	3860	3860	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
1,2-Dichloroethane	500	500	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
2-Butanone (MEK)	200000	200000	ND < 14	ND < 12	ND < 11	ND < 13	ND < 11	ND < 12
Acetone	400000	400000	ND < 140	ND < 120	ND < 110	ND < 130	ND < 110	ND < 120
Carbon disulfide	82000	400000	ND < 14	ND < 12	ND < 11	ND < 13	ND < 11	ND < 12
Chloroethane	2200000	2200000	ND < 14	ND < 12	ND < 11	ND < 13	ND < 11	ND < 12
Chloroform	4700	10000	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
Dichloromethane	600	600	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
Ethyl benzene	70000	70000	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
Freon-11	200000	200000	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
m&p-Xylene	-	-	ND < 14	ND < 12	ND < 11	ND < 13	ND < 11	ND < 12
o-Xylene	-	-	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
Xylenes (total)	1000000	1000000	ND < 20.9	ND < 18	ND < 16.7	ND < 19.5	ND < 16.7	ND < 18.2
Tetrachloroethene	500	500	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
Toluene	100000	100000	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
trans-1,2-Dichloroethene	10000	10000	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2
Trichloroethene	500	500	ND < 6.9	ND < 6	ND < 5.7	ND < 6.5	ND < 5.7	ND < 6.2

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-75-8	JCO-84-14'	JCO-84-17'	JCO-85-6'	JCO-85-13'	JCO-86-4'
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	3/18/2005	6/27/2005	6/27/2005	6/27/2005	6/27/2005	6/27/2005
1,1,1-Trichloroethane	98000	98000	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
1,1,2-Trichloroethane	500	500	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
1,1-Dichloroethane	56000	400000	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
1,1-Dichloroethene	3860	3860	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
1,2-Dichloroethane	500	500	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
2-Butanone (MEK)	200000	200000	ND < 12	ND < 52	ND < 71	ND < 63.5	ND < 60	ND < 73
Acetone	400000	400000	ND < 120	ND < 104	ND < 142	ND < 127	ND < 120	ND < 146
Carbon disulfide	82000	400000	ND < 12	ND < 10	ND < 14	ND < 13	ND < 12	ND < 15
Chloroethane	2200000	2200000	ND < 12	ND < 10	ND < 14	ND < 13	ND < 12	ND < 15
Chloroform	4700	10000	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
cis-1,2-Dichloroethene	1400000	1400000	ND < 6	110	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
Dichloromethane	600	600	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
Ethyl benzene	70000	70000	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
Freon-11	200000	200000	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
m&p-Xylene	-	-	ND < 12	ND < 10	ND < 14	ND < 13	ND < 12	ND < 15
o-Xylene	-	-	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
Xylenes (total)	1000000	1000000	ND < 18	ND < 15.2	ND < 21.1	ND < 19.4	ND < 18.0	ND < 22.3
Tetrachloroethene	500	500	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
Toluene	100000	100000	ND < 6	ND < 5.2	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
trans-1,2-Dichloroethene	10000	10000	ND < 6	58	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3
Trichloroethene	500	500	ND < 6	7	ND < 7.1	ND < 6.4	ND < 6.0	ND < 7.3

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-86-11'	JCO-87-2'	JCO-87-11'	JCO-88-3'	JCO-88-4'	JCO-89-2'
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	6/27/2005	6/27/2005	6/27/2005	6/28/2005	6/28/2005	6/27/2005
1,1,1-Trichloroethane	98000	98000	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
1,1,2-Trichloroethane	500	500	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
1,1-Dichloroethane	56000	400000	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
1,1-Dichloroethene	3860	3860	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
1,2-Dichloroethane	500	500	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
2-Butanone (MEK)	200000	200000	ND < 70	ND < 45	ND < 68	ND < 47	ND < 49	ND < 63
Acetone	400000	400000	ND < 141	ND < 90	ND < 136	ND < 94	ND < 98	ND < 126
Carbon disulfide	82000	400000	ND < 14	ND < 9.0	ND < 14	ND < 9	ND < 9.8	ND < 13
Chloroethane	2200000	2200000	ND < 14	ND < 9.0	ND < 14	ND < 9	ND < 9.8	ND < 13
Chloroform	4700	10000	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
cis-1,2-Dichloroethene	1400000	1400000	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
Dichloromethane	600	600	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
Ethyl benzene	70000	70000	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
Freon-11	200000	200000	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
m&p-Xylene	-	-	ND < 14	ND < 9.0	ND < 14	ND < 9	ND < 9.8	ND < 13
o-Xylene	-	-	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
Xylenes (total)	1000000	1000000	ND < 21.0	ND < 13.5	ND < 20.8	ND < 13.7	ND < 14.7	ND < 19.3
Tetrachloroethene	500	500	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
Toluene	100000	100000	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
trans-1,2-Dichloroethene	10000	10000	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3
Trichloroethene	500	500	ND < 7.0	ND < 4.5	ND < 6.8	ND < 4.7	ND < 4.9	ND < 6.3

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-89-15'	JCO-90-2'	JCO-90-16'	JCO-91-2'	JCO-92-2'	JCO-93-2'
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	6/27/2005	6/27/2005	6/27/2005	6/28/2005	6/28/2005	6/28/2005
1,1,1-Trichloroethane	98000	98000	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
1,1,2-Trichloroethane	500	500	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
1,1-Dichloroethane	56000	400000	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
1,1-Dichloroethene	3860	3860	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
1,2-Dichloroethane	500	500	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
2-Butanone (MEK)	200000	200000	ND < 75	ND < 61	ND < 83	ND < 53	ND < 67	ND < 67
Acetone	400000	400000	ND < 150	ND < 121	ND < 166	ND < 107	ND < 134	ND < 133
Carbon disulfide	82000	400000	ND < 15	ND < 12	ND < 17	ND < 10.7	ND < 13	ND < 13
Chloroethane	2200000	2200000	ND < 15	ND < 12	ND < 17	ND < 10.7	ND < 13	ND < 13
Chloroform	4700	10000	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
cis-1,2-Dichloroethene	1400000	1400000	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
Dichloromethane	600	600	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
Ethyl benzene	70000	70000	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
Freon-11	200000	200000	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
m&p-Xylene	-	-	ND < 15	ND < 12	ND < 17	ND < 10.7	ND < 13	ND < 13
o-Xylene	-	-	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
Xylenes (total)	1000000	1000000	ND < 22.5	ND < 18.1	ND < 25.3	ND < 16.0	ND < 19.7	ND < 19.7
Tetrachloroethene	500	500	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
Toluene	100000	100000	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
trans-1,2-Dichloroethene	10000	10000	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7
Trichloroethene	500	500	ND < 7.5	ND < 6.1	ND < 8.3	ND < 5.3	ND < 6.7	ND < 6.7

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-94-7'	JCO-94-15'	JCO-95-12'	JCO-95-15'	JCO-96-4'	JCO-97-3'
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	6/27/2005	6/27/2005	6/28/2005	6/28/2005	6/27/2005	6/27/2005
1,1,1-Trichloroethane	98000	98000	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	210
1,1,2-Trichloroethane	500	500	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
1,1-Dichloroethane	56000	400000	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	6.2	ND < 6.8
1,1-Dichloroethene	3860	3860	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	110
1,2-Dichloroethane	500	500	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
2-Butanone (MEK)	200000	200000	ND < 74	ND < 76	ND < 73	ND < 71	ND < 47	ND < 68
Acetone	400000	400000	ND < 147	ND < 153	ND < 147	ND < 142	ND < 95	ND < 137
Carbon disulfide	82000	400000	ND < 15	ND < 15	ND < 15	ND < 14	ND < 9.5	ND < 14
Chloroethane	2200000	2200000	ND < 15	ND < 15	ND < 15	ND < 14	ND < 9.5	ND < 14
Chloroform	4700	10000	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
cis-1,2-Dichloroethene	1400000	1400000	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
Dichloromethane	600	600	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
Ethyl benzene	70000	70000	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
Freon-11	200000	200000	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
m&p-Xylene	-	-	ND < 15	ND < 15	ND < 15	ND < 14	ND < 9.5	ND < 14
o-Xylene	-	-	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
Xylenes (total)	1000000	1000000	ND < 22.4	ND < 22.6	ND < 22.3	ND < 21.1	ND < 14.2	ND < 20.8
Tetrachloroethene	500	500	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
Toluene	100000	100000	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
trans-1,2-Dichloroethene	10000	10000	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8
Trichloroethene	500	500	ND < 7.4	ND < 7.6	ND < 7.3	ND < 7.1	ND < 4.7	ND < 6.8

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-97-5'	JCO-109-5'	JCO-110-12.5'	JCO-112-7'	JCO-113-11'
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	6/27/2005	8/8/2007	8/8/2007	8/9/2007	8/9/2007
1,1,1-Trichloroethane	98000	98000	180	ND < 3.1	120	70	230
1,1,2-Trichloroethane	500	500	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4
1,1-Dichloroethane	56000	400000	ND < 6.6	ND < 3.1	360	ND < 4.9	ND < 4
1,1-Dichloroethene	3860	3860	130	12	30	110	120
1,2-Dichloroethane	500	500	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4
2-Butanone (MEK)	200000	200000	ND < 66	ND < 31	ND < 40	ND < 49	ND < 40
Acetone	400000	400000	ND < 131	ND < 63	ND < 80	ND < 97	ND < 80
Carbon disulfide	82000	400000	ND < 13	ND < 6.3	ND < 8	ND < 9.7	ND < 8
Chloroethane	2200000	2200000	ND < 13	94	210 E	ND < 9.7	ND < 8
Chloroform	4700	10000	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4
Dichloromethane	600	600	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	8.4
Ethyl benzene	70000	70000	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4
Freon-11	200000	200000	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4
m&p-Xylene	-	-	ND < 13	ND < 6.3	ND < 8	ND < 9.7	ND < 8
o-Xylene	-	-	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4
Xylenes (total)	1000000	1000000	ND < 19.6	ND < 9.4	ND < 12	ND < 14.6	ND < 12
Tetrachloroethene	500	500	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4
Toluene	100000	100000	ND < 6.6	2300	ND < 4	ND < 4.9	ND < 4
trans-1,2-Dichloroethene	10000	10000	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4
Trichloroethene	500	500	ND < 6.6	ND < 3.1	ND < 4	ND < 4.9	ND < 4

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-113-11'-DUP	JCO-113-7'	JCO-116 (13-14)	JCO-116 (18-19)
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	8/9/2007	8/9/2007	10/25/2007	10/25/2007
1,1,1-Trichloroethane	98000	98000	140	460	ND < 4.2	ND < 7.9
1,1,2-Trichloroethane	500	500	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
1,1-Dichloroethane	56000	400000	33	120	ND < 4.2	ND < 7.9
1,1-Dichloroethene	3860	3860	46	280	ND < 4.2	ND < 7.9
1,2-Dichloroethane	500	500	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
2-Butanone (MEK)	200000	200000	ND < 56	ND < 34	ND < 42	ND < 79
Acetone	400000	400000	ND < 110	ND < 68	ND < 84	ND < 160
Carbon disulfide	82000	400000	ND < 11	ND < 6.8	ND < 8.4	ND < 16
Chloroethane	2200000	2200000	ND < 11	ND < 6.8	ND < 8.4	ND < 16
Chloroform	4700	10000	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
cis-1,2-Dichloroethene	1400000	1400000	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
Dichloromethane	600	600	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
Ethyl benzene	70000	70000	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
Freon-11	200000	200000	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
m&p-Xylene	-	-	ND < 11	ND < 6.8	ND < 8.4	ND < 16
o-Xylene	-	-	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
Xylenes (total)	1000000	1000000	ND < 16.6	ND < 10.2	ND < 12.6	ND < 23.9
Tetrachloroethene	500	500	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
Toluene	100000	100000	ND < 5.6	130	ND < 4.2	ND < 7.9
trans-1,2-Dichloroethene	10000	10000	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9
Trichloroethene	500	500	ND < 5.6	ND < 3.4	ND < 4.2	ND < 7.9

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-117 (14-14.4)	JCO-117 (17-18)	JCO-118 (12-13)	JCO-118 (17-18)
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	10/25/2007	10/25/2007	10/25/2007	10/25/2007
1,1,1-Trichloroethane	98000	98000	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
1,1,2-Trichloroethane	500	500	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
1,1-Dichloroethane	56000	400000	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
1,1-Dichloroethene	3860	3860	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
1,2-Dichloroethane	500	500	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
2-Butanone (MEK)	200000	200000	ND < 80	ND < 61	ND < 46	ND < 67
Acetone	400000	400000	ND < 160	ND < 120	ND < 92	ND < 130
Carbon disulfide	82000	400000	ND < 16	ND < 12	ND < 9.2	ND < 13
Chloroethane	2200000	2200000	ND < 16	ND < 12	ND < 9.2	ND < 13
Chloroform	4700	10000	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
cis-1,2-Dichloroethene	1400000	1400000	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
Dichloromethane	600	600	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
Ethyl benzene	70000	70000	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
Freon-11	200000	200000	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
m&p-Xylene	-	-	ND < 16	ND < 12	ND < 9.2	ND < 13
o-Xylene	-	-	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
Xylenes (total)	1000000	1000000	ND < 24	ND < 18.1	ND < 13.8	ND < 19.7
Tetrachloroethene	500	500	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
Toluene	100000	100000	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
trans-1,2-Dichloroethene	10000	10000	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7
Trichloroethene	500	500	ND < 8	ND < 6.1	ND < 4.6	ND < 6.7

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-119 (12-13)	JCO-119 (17-18)	JCO-120 (5-6)	JCO-120 (13-14)
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	10/25/2007	10/25/2007	10/25/2007	10/25/2007
1,1,1-Trichloroethane	98000	98000	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
1,1,2-Trichloroethane	500	500	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
1,1-Dichloroethane	56000	400000	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
1,1-Dichloroethene	3860	3860	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
1,2-Dichloroethane	500	500	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
2-Butanone (MEK)	200000	200000	ND < 44	ND < 71	ND < 59	ND < 50
Acetone	400000	400000	ND < 89	ND < 140	ND < 120	ND < 100
Carbon disulfide	82000	400000	ND < 8.9	ND < 14	ND < 12	ND < 10
Chloroethane	2200000	2200000	ND < 8.9	ND < 14	ND < 12	ND < 10
Chloroform	4700	10000	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
cis-1,2-Dichloroethene	1400000	1400000	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
Dichloromethane	600	600	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
Ethyl benzene	70000	70000	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
Freon-11	200000	200000	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
m&p-Xylene	-	-	ND < 8.9	ND < 14	ND < 12	ND < 10
o-Xylene	-	-	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
Xylenes (total)	1000000	1000000	ND < 13.3	ND < 21.1	ND < 17.9	ND < 15
Tetrachloroethene	500	500	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
Toluene	100000	100000	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
trans-1,2-Dichloroethene	10000	10000	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5
Trichloroethene	500	500	ND < 4.4	ND < 7.1	ND < 5.9	ND < 5

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-121 (10-11)	JCO-121 (12-13)	JCO-122 (4-5)	JCO-122 (14-15)
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	10/25/2007	10/25/2007	10/25/2007	10/25/2007
1,1,1-Trichloroethane	98000	98000	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
1,1,2-Trichloroethane	500	500	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
1,1-Dichloroethane	56000	400000	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
1,1-Dichloroethene	3860	3860	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
1,2-Dichloroethane	500	500	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
2-Butanone (MEK)	200000	200000	ND < 53	ND < 80	ND < 79	ND < 61
Acetone	400000	400000	ND < 110	ND < 160	ND < 160	ND < 120
Carbon disulfide	82000	400000	ND < 11	ND < 16	ND < 16	ND < 12
Chloroethane	2200000	2200000	ND < 11	ND < 16	ND < 16	ND < 12
Chloroform	4700	10000	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
cis-1,2-Dichloroethene	1400000	1400000	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
Dichloromethane	600	600	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
Ethyl benzene	70000	70000	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
Freon-11	200000	200000	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
m&p-Xylene	-	-	ND < 11	ND < 16	ND < 16	ND < 12
o-Xylene	-	-	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
Xylenes (total)	1000000	1000000	ND < 16.3	ND < 24	ND < 23.9	ND < 18.1
Tetrachloroethene	500	500	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
Toluene	100000	100000	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
trans-1,2-Dichloroethene	10000	10000	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1
Trichloroethene	500	500	ND < 5.3	ND < 8	ND < 7.9	ND < 6.1

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-123 (1-2)	JCO-123 (12-13)	JCO-124 (13-14)	JCO-124 (18-19)
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	10/25/2007	10/25/2007	10/26/2007	10/26/2007
1,1,1-Trichloroethane	98000	98000	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
1,1,2-Trichloroethane	500	500	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
1,1-Dichloroethane	56000	400000	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
1,1-Dichloroethene	3860	3860	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
1,2-Dichloroethane	500	500	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
2-Butanone (MEK)	200000	200000	ND < 60	ND < 77	ND < 65	ND < 68
Acetone	400000	400000	ND < 120	ND < 150	ND < 130	ND < 140
Carbon disulfide	82000	400000	ND < 12	ND < 15	ND < 13	ND < 14
Chloroethane	2200000	2200000	ND < 12	ND < 15	ND < 13	ND < 14
Chloroform	4700	10000	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
cis-1,2-Dichloroethene	1400000	1400000	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
Dichloromethane	600	600	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
Ethyl benzene	70000	70000	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
Freon-11	200000	200000	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
m&p-Xylene	-	-	ND < 12	ND < 15	ND < 13	ND < 14
o-Xylene	-	-	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
Xylenes (total)	1000000	1000000	ND < 18	ND < 22.7	ND < 18.5	ND < 20.8
Tetrachloroethene	500	500	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
Toluene	100000	100000	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
trans-1,2-Dichloroethene	10000	10000	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8
Trichloroethene	500	500	ND < 6	ND < 7.7	ND < 6.5	ND < 6.8

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-125 (12-13)	JCO-125 (18-19)	JCO-126 (17-18)	JCO-126 (18-19)
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	10/26/2007	10/26/2007	10/26/2007	10/26/2007
1,1,1-Trichloroethane	98000	98000	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
1,1,2-Trichloroethane	500	500	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
1,1-Dichloroethane	56000	400000	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
1,1-Dichloroethene	3860	3860	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
1,2-Dichloroethane	500	500	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
2-Butanone (MEK)	200000	200000	ND < 61	ND < 85	ND < 50	ND < 61
Acetone	400000	400000	ND < 120	ND < 170	ND < 99	ND < 120
Carbon disulfide	82000	400000	ND < 12	ND < 17	ND < 9.9	ND < 12
Chloroethane	2200000	2200000	ND < 12	ND < 17	ND < 9.9	ND < 12
Chloroform	4700	10000	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
Dichloromethane	600	600	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
Ethyl benzene	70000	70000	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
Freon-11	200000	200000	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
m&p-Xylene	-	-	ND < 12	ND < 17	ND < 9.9	ND < 12
o-Xylene	-	-	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
Xylenes (total)	1000000	1000000	ND < 18.1	ND < 25.5	ND < 14.9	ND < 18.1
Tetrachloroethene	500	500	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
Toluene	100000	100000	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
trans-1,2-Dichloroethene	10000	10000	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1
Trichloroethene	500	500	ND < 6.1	ND < 8.5	ND < 5	ND < 6.1

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			JCO-127 (16-17)	JCO-127 (19-20)	JCO-130 (1-2)	JCO-130 (13-14)
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	10/25/2007	10/25/2007	10/26/2007	10/26/2007
1,1,1-Trichloroethane	98000	98000	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
1,1,2-Trichloroethane	500	500	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
1,1-Dichloroethane	56000	400000	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
1,1-Dichloroethene	3860	3860	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
1,2-Dichloroethane	500	500	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
2-Butanone (MEK)	200000	200000	ND < 49	ND < 47	ND < 52	ND < 67
Acetone	400000	400000	ND < 97	ND < 94	ND < 100	ND < 130
Carbon disulfide	82000	400000	ND < 9.7	ND < 9.4	ND < 10	ND < 13
Chloroethane	2200000	2200000	ND < 9.7	ND < 9.4	ND < 10	ND < 13
Chloroform	4700	10000	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
cis-1,2-Dichloroethene	1400000	1400000	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
Dichloromethane	600	600	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
Ethyl benzene	70000	70000	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
Freon-11	200000	200000	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
m&p-Xylene	-	-	ND < 9.7	ND < 9.4	ND < 10	ND < 13
o-Xylene	-	-	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
Xylenes (total)	1000000	1000000	ND < 14.6	ND < 14.1	ND < 15.2	ND < 19.7
Tetrachloroethene	500	500	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
Toluene	100000	100000	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
trans-1,2-Dichloroethene	10000	10000	ND < 4.9	ND < 4.7	ND < 5.2	ND < 6.7
Trichloroethene	500	500	8.1	ND < 4.7	ND < 5.2	ND < 6.7

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	SV-1 (7.5-8) 2/15/2007	SV-1 (11.5-12) 2/15/2007	SV-2 (2-2.5) 2/15/2007	SV-2 (11-11.5) 2/15/2007	SV-3 (4.5-5.5) 2/15/2007
1,1,1-Trichloroethane	98000	98000	640 E	630 E	420	240	390 E
1,1,2-Trichloroethane	500	500	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2
1,1-Dichloroethane	56000	400000	ND < 6.7	48	15	70	110
1,1-Dichloroethene	3860	3860	720 E	300	34	200	1000 E
1,2-Dichloroethane	500	500	8.3	19	ND < 6.6	ND < 6.7	7.6
2-Butanone (MEK)	200000	200000	ND < 67	ND < 59	ND < 66	ND < 67	ND < 62
Acetone	400000	400000	ND < 130	ND < 120	ND < 130	ND < 130	ND < 120
Carbon disulfide	82000	400000	ND < 13	ND < 12	ND < 13	ND < 13	ND < 12
Chloroethane	2200000	2200000	ND < 13	ND < 12	ND < 13	ND < 13	ND < 12
Chloroform	4700	10000	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2
Dichloromethane	600	600	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2
Ethyl benzene	70000	70000	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2
Freon-11	200000	200000	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2
m&p-Xylene	-	-	ND < 13	ND < 12	ND < 13	ND < 13	ND < 12
o-Xylene	-	-	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2
Xylenes (total)	1000000	1000000	ND < 19.7	ND < 17.9	ND < 19.6	ND < 19.7	ND < 18.2
Tetrachloroethene	500	500	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2
Toluene	100000	100000	130	18	82	28	34
trans-1,2-Dichloroethene	10000	10000	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2
Trichloroethene	500	500	ND < 6.7	ND < 5.9	ND < 6.6	ND < 6.7	ND < 6.2

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			SV-3 (12-13)	SV-4 (1-2)	SV-4 (10.5-11)	SV-5 (14-15)	SV-6 (2-3)
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	2/15/2007	2/15/2007	2/15/2007	2/14/2007	2/13/2007
1,1,1-Trichloroethane	98000	98000	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
1,1,2-Trichloroethane	500	500	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
1,1-Dichloroethane	56000	400000	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
1,1-Dichloroethene	3860	3860	8.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
1,2-Dichloroethane	500	500	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
2-Butanone (MEK)	200000	200000	ND < 63	ND < 65	ND < 64	ND < 74	ND < 69
Acetone	400000	400000	ND < 130	ND < 130	ND < 130	ND < 150	ND < 140
Carbon disulfide	82000	400000	ND < 13	ND < 13	ND < 13	ND < 15	ND < 14
Chloroethane	2200000	2200000	ND < 13	ND < 13	ND < 13	ND < 15	ND < 14
Chloroform	4700	10000	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
cis-1,2-Dichloroethene	1400000	1400000	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
Dichloromethane	600	600	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
Ethyl benzene	70000	70000	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
Freon-11	200000	200000	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
m&p-Xylene	-	-	ND < 13	ND < 13	ND < 13	ND < 15	ND < 14
o-Xylene	-	-	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
Xylenes (total)	1000000	1000000	ND < 19.3	ND < 19.5	ND <19.4	ND < 22.4	ND < 20.9
Tetrachloroethene	500	500	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
Toluene	100000	100000	7.9	22	11	ND < 7.4	ND < 6.9
trans-1,2-Dichloroethene	10000	10000	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9
Trichloroethene	500	500	ND < 6.3	ND < 6.5	ND < 6.4	ND < 7.4	ND < 6.9

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	SV-6 (13-14) 2/13/2007	SV-7 (9-9.5) 2/14/2007	SV-7 (10.5-11) 2/14/2007	SV-8 (6-7) 2/13/2007	SV-8 (14-15) 2/13/2007
1,1,1-Trichloroethane	98000	98000	8.1	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
1,1,2-Trichloroethane	500	500	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
1,1-Dichloroethane	56000	400000	12	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
1,1-Dichloroethene	3860	3860	230	ND < 4.9	120	ND < 7.4	ND < 6.9
1,2-Dichloroethane	500	500	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
2-Butanone (MEK)	200000	200000	ND < 74	ND < 49	ND < 77	ND < 74	ND < 69
Acetone	400000	400000	ND < 150	ND < 97	ND < 150	ND < 150	ND < 140
Carbon disulfide	82000	400000	ND < 15	ND < 9.7	ND < 15	ND < 15	ND < 14
Chloroethane	2200000	2200000	ND < 15	ND < 9.7	ND < 15	ND < 15	ND < 14
Chloroform	4700	10000	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
cis-1,2-Dichloroethene	1400000	1400000	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
Dichloromethane	600	600	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
Ethyl benzene	70000	70000	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
Freon-11	200000	200000	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
m&p-Xylene	-	-	ND < 15	ND < 9.7	ND < 15	ND < 15	ND < 14
o-Xylene	-	-	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
Xylenes (total)	1000000	1000000	ND < 22.4	ND < 14.6	ND < 22.7	ND < 22.4	ND < 20.9
Tetrachloroethene	500	500	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
Toluene	100000	100000	ND < 7.4	ND < 4.9	ND < 7.7	13	11
trans-1,2-Dichloroethene	10000	10000	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9
Trichloroethene	500	500	ND < 7.4	ND < 4.9	ND < 7.7	ND < 7.4	ND < 6.9

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			SV-9 (15-16)	SV-11 (3-3.6)	SV-11 (13.5-14)	SV-12 (3-5)	SV-12 (17.5-18)
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	2/14/2007	2/14/2007	2/14/2007	2/13/2007	2/13/2007
1,1,1-Trichloroethane	98000	98000	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
1,1,2-Trichloroethane	500	500	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
1,1-Dichloroethane	56000	400000	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
1,1-Dichloroethene	3860	3860	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
1,2-Dichloroethane	500	500	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
2-Butanone (MEK)	200000	200000	ND < 120	ND < 92	ND < 99	ND < 85	ND < 63
Acetone	400000	400000	ND < 240	ND < 180	ND < 200	ND < 170	ND < 130
Carbon disulfide	82000	400000	ND < 24	ND < 18	ND < 20	ND < 17	ND < 13
Chloroethane	2200000	2200000	ND < 24	ND < 18	ND < 20	ND < 17	ND < 13
Chloroform	4700	10000	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
cis-1,2-Dichloroethene	1400000	1400000	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
Dichloromethane	600	600	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
Ethyl benzene	70000	70000	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
Freon-11	200000	200000	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
m&p-Xylene	-	-	ND < 24	ND < 18	ND < 20	ND < 17	ND < 13
o-Xylene	-	-	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
Xylenes (total)	1000000	1000000	ND < 36	ND < 27.2	ND < 29.9	ND < 25.5	ND < 19.3
Tetrachloroethene	500	500	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
Toluene	100000	100000	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
trans-1,2-Dichloroethene	10000	10000	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	ND < 6.3
Trichloroethene	500	500	ND < 12	ND < 9.2	ND < 9.9	ND < 8.5	20

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			SC2-10	SC2-49-56	SC2-5	SC3-7	SC4-6	SC5A-11	SC6-7
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	5/21/2007	5/22/2007	5/21/2007	5/21/2007	5/21/2007	5/21/2007	5/21/2007
1,1,1-Trichloroethane	98000	98000	8500	2100	730	540	160	110	8300
1,1,2-Trichloroethane	500	500	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	ND < 4.6
1,1-Dichloroethane	56000	400000	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	ND < 4.6
1,1-Dichloroethene	3860	3860	110	190	42	35	ND < 5	43	21
1,2-Dichloroethane	500	500	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	ND < 4.6
2-Butanone (MEK)	200000	200000	ND < 51	ND < 58	ND < 55	ND < 51	ND < 50	ND < 43	ND < 46
Acetone	400000	400000	ND < 100	ND < 120	ND < 110	ND < 100	ND < 99	ND < 86	ND < 93
Carbon disulfide	82000	400000	ND < 10	ND < 12	ND < 11	ND < 10	ND < 9.9	ND < 8.6	ND < 9.3
Chloroethane	2200000	2200000	ND < 10	ND < 12	ND < 11	ND < 10	ND < 9.9	ND < 8.6	ND < 9.3
Chloroform	4700	10000	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	ND < 4.6
cis-1,2-Dichloroethene	1400000	1400000	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	ND < 4.6
Dichloromethane	600	600	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	ND < 4.6
Ethyl benzene	70000	70000	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	9.8
Freon-11	200000	200000	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	ND < 4.6
m&p-Xylene	-	-	ND < 10	ND < 12	ND < 11	ND < 10	ND < 9.9	ND < 8.6	50
o-Xylene	-	-	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	26
Xylenes (total)	1000000	1000000	ND < 15.1	ND < 17.8	ND < 16.5	ND < 15.1	ND < 14.4	ND < 12.9	76
Tetrachloroethene	500	500	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	6.5
Toluene	100000	100000	120	130	22	70	ND < 5	16	350
trans-1,2-Dichloroethene	10000	10000	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	ND < 4.6
Trichloroethene	500	500	ND < 5.1	ND < 5.8	ND < 5.5	ND < 5.1	ND < 5	ND < 4.3	ND < 4.6

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-3
Summary of Volatile Organic Compound Analyses in Soil: 2005-2007
Avery Dennison Site
Flowery Branch, Georgia

			SC7-11	SC7-6	SC7-85-89	TP1-9	TP4-8
VOC (SW8260B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	5/21/2007	5/21/2007	5/22/2007	5/22/2007	5/22/2007
1,1,1-Trichloroethane	98000	98000	7900	490	20000	560	75
1,1,2-Trichloroethane	500	500	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1
1,1-Dichloroethane	56000	400000	ND < 4.1	ND < 4.3	25	13	13
1,1-Dichloroethene	3860	3860	420	82	860	96	13
1,2-Dichloroethane	500	500	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1
2-Butanone (MEK)	200000	200000	ND < 41	ND < 43	ND < 41	ND < 41	ND < 41
Acetone	400000	400000	ND < 81	ND < 87	ND < 82	ND < 81	ND < 82
Carbon disulfide	82000	400000	ND < 8.1	ND < 8.7	ND < 8.2	ND < 8.1	ND < 8.2
Chloroethane	2200000	2200000	ND < 8.1	ND < 8.7	ND < 8.2	ND < 8.1	ND < 8.2
Chloroform	4700	10000	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1
cis-1,2-Dichloroethene	1400000	1400000	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1
Dichloromethane	600	600	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1
Ethyl benzene	70000	70000	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1
Freon-11	200000	200000	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1
m&p-Xylene	-	-	16	ND < 8.7	14	ND < 8.1	ND < 8.2
o-Xylene	-	-	7.3	ND < 4.3	4.6	4.9	ND < 4.1
Xylenes (total)	1000000	1000000	23.3	ND < 13.0	18.6	4.9	ND < 12.3
Tetrachloroethene	500	500	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1
Toluene	100000	100000	1000	9.1	1900	140	10
trans-1,2-Dichloroethene	10000	10000	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1
Trichloroethene	500	500	ND < 4.1	ND < 4.3	ND < 4.1	ND < 4.1	ND < 4.1

Notes:
1) Units: µg/Kg
2) ND < ## = not detected at concentrations above laboratory quantitation limit (PQL), limit provided
3) Only compounds detected above the quantitation limit are shown
4) Reported concentrations which exceeded the laboratory calibration range for a particular analyte are designated with an “E” qualifier

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-1A (0-4') 3/8/2005	JCO-2A (0-5') 3/8/2005	JCO-2B (5-7.7') 3/8/2005	JCO-3A (0-5') 3/8/2005	JCO-3B (5-8') 3/8/2005	JCO-4A (0-5') 3/8/2005	JCO-4B (5-6') 3/8/2005
Arsenic	38	41	30	16.3	8.23	ND < 6.33	ND < 5.46	ND < 5.84	ND < 5.78	ND < 5.62
Barium	6015	6015	98	41	23	57.3	45.6	46.5	52.7	64.8
Chromium	15773	100000	88	42.3	36.2	27.4	18.5	21	15.1	20.3
Lead	-	-	-	18.4	7.02	16.8	7.56	9.57	5.82	6.06
Selenium	36	36	-	ND < 6.36	ND < 5.44	ND < 6.33	ND < 5.46	ND < 5.84	ND < 5.78	ND < 5.62
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	-	-	-	-	-	-	-

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-5A (0-5') 3/8/2005	JCO-5B (5-10') 3/8/2005	JCO-5-RPT (0-2') 6/3/2009	JCO-5-RPT (2-8') 6/3/2009	JCO-6 (0-11') 3/9/2005	JCO-7 (0-11') 3/9/2005	JCO-8 3/9/2005
Arsenic	38	41	30	*48.9*	*32.8*	12.2	20.3	6.94	ND < 6.6	11.8
Barium	6015	6015	98	69.9	50.6	--	--	47.4	52.5	83.7
Chromium	15773	100000	88	*122*	74.7	--	--	40.7	48.2	72.9
Lead	-	-	-	18.5	18.4	--	--	14.9	13.7	15.9
Selenium	36	36	-	ND < 6.48	ND < 6.67	--	--	ND < 6.5	ND < 6.6	ND < 6.56
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	-	-	--	--	ND < 131	ND < 134	ND < 137

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-9 3/9/2005	JCO-10-5.8 3/9/2005	JCO-17 3/9/2005	JCO-24 3/10/2005	JCO-25 3/10/2005	JCO-27 3/10/2005	JCO-29 3/10/2005
Arsenic	38	41	30	7.92	12.1	*32.5*	-	-	-	-
Barium	6015	6015	98	79.7	34.8	87.7	-	-	-	-
Chromium	15773	100000	88	64.1	73.5	48.4	-	-	-	-
Lead	-	-	-	13.5	17.9	15.9	-	-	-	-
Selenium	36	36	-	ND < 6.53	ND < 6.01	ND < 5.96	-	-	-	-
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	ND < 135	-	ND < 120	ND < 124	ND < 138	ND < 130	ND < 123

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-30 3/10/2005	JCO-31 3/10/2005	JCO-33 3/10/2005	JCO-34 3/10/2005	JCO-35 3/10/2005	JCO-36 3/10/2005	JCO-42 3/10/2005
Arsenic	38	41	30	-	-	-	-	-	-	-
Barium	6015	6015	98	-	-	-	-	-	-	-
Chromium	15773	100000	88	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-
Selenium	36	36	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	ND < 124	133	ND < 122	ND < 130	ND < 118	ND < 134	ND < 118

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-43 3/11/2005	JCO-44 3/11/2005	JCO-45 3/11/2005	JCO-46 3/11/2005	JCO-47 3/11/2005	JCO-48 3/17/2005	JCO-49 3/11/2005
Arsenic	38	41	30	ND < 6.42	-	ND < 6.23	ND < 6.23	ND < 5.86	-	ND < 6.1
Barium	6015	6015	98	*148*	-	*127*	58.9	*164*	-	*115*
Chromium	15773	100000	88	4.63	-	14.1	17	5.18	-	7.66
Lead	-	-	-	30.9	-	29.9	10.5	21	-	16.3
Selenium	36	36	-	ND < 6.42	-	ND < 6.23	ND < 6.23	ND < 5.86	-	ND < 6.1
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	ND < 130	ND < 129	253	ND < 130	ND < 126	ND < 131	ND < 130

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil	Type 3/4 Sub-Surface Soil (2 ft	Background Concentration	JCO-50 3/11/2005	JCO-51 3/16/2005	JCO-52 3/16/2005	JCO-53 3/16/2005	JCO-54 3/16/2005	JCO-55 3/16/2005	JCO-56 3/16/2005
Arsenic	38	41	30	ND < 6.62	-	-	-	-	-	-
Barium	6015	6015	98	*104*	-	-	-	-	-	-
Chromium	15773	100000	88	14.9	-	-	-	-	-	-
Lead	-	-	-	30.6	-	-	-	-	-	-
Selenium	36	36	-	ND < 6.62	-	-	-	-	-	-
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	ND < 140	ND < 135	ND < 133	ND < 139	ND < 133	ND < 122	ND < 128

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-57 3/16/2005	JCO-58 3/16/2005	JCO-60 3/16/2005	JCO-61 3/17/2005	JCO-62 3/17/2005	JCO-63 3/17/2005	JCO-64 3/17/2005
Arsenic	38	41	30	-	-	-	-	-	-	-
Barium	6015	6015	98	-	-	-	-	-	-	-
Chromium	15773	100000	88	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-
Selenium	36	36	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	ND < 133	ND < 137	ND < 129	ND < 129	ND < 120	ND < 135	ND < 128

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-65 3/17/2005	JCO-66 3/17/2005	JCO-67 3/18/2005	JCO-68 3/18/2005	JCO-69 3/18/2005	JCO-70 3/18/2005	JCO-71 3/18/2005
Arsenic	38	41	30	-	-	8.31	6.72	7.8	8.58	9.64
Barium	6015	6015	98	-	-	14.5	15.4	21.8	18.9	22.3
Chromium	15773	100000	88	-	-	48.1	39.6	50.3	50.2	45.2
Lead	-	-	-	-	-	13.3	10.3	14.5	12.3	13.2
Selenium	36	36	-	-	-	ND < 6.05	ND < 6.1	ND < 5.96	ND < 6.29	ND < 6.05
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	ND < 135	ND < 137	ND < 127	ND < 129	ND < 125	ND < 126	ND < 124

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil	Type 3/4 Sub-Surface Soil (2 ft	Background Concentration	JCO-72 3/18/2005	JCO-73 3/18/2005	JCO-74 3/18/2005	JCO-75 3/18/2005	JCO-76 6/13/2005	JCO-77 6/13/2005	JCO-78 6/13/2005
Arsenic	38	41	30	10.8	8.75	10	12.5	13.3	11.9	7.07
Barium	6015	6015	98	41.6	48.4	34.3	66.5	54	36.1	91.7
Chromium	15773	100000	88	*194*	54.8	63.6	74.3	38.1	72	34.8
Lead	-	-	-	17.9	15.7	15	17.1	14.8	11.1	12.7
Selenium	36	36	-	ND < 6.11	ND < 5.89	ND < 5.36	ND < 5.2	ND < 4.33	ND < 5.1	ND < 4.83
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	ND < 133	ND < 129	ND < 123	ND < 129	-	-	-

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-79 6/13/2005	JCO-80 6/13/2005	JCO-81 6/13/2005	JCO-82 6/13/2005	JCO-83 6/13/2005	JCO-94-7' 6/27/2005	JCO-94-15' 6/27/2005
Arsenic	38	41	30	13.7	ND < 5.23	ND < 5.05	ND < 5.13	ND < 5.11	ND < 6.55	ND < 6.69
Barium	6015	6015	98	*99.4*	37.2	55.1	77.9	53.5	16.7	*125*
Chromium	15773	100000	88	56.9	11.8	24.5	54.9	61.7	6.99	ND < 3.35
Lead	-	-	-	16.9	15.2	12.2	29.3	31.4	16.8	ND < 6.69
Selenium	36	36	-	ND < 5.02	ND < 5.23	5.62	6.68	5.47	ND < 6.55	ND < 6.69
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	-	-	-	-	-	-	-

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-95-12' 6/28/2005	JCO-95-15' 6/28/2005	JCO-116 (0-2) 10/25/2007	JCO-116 (2-8) 10/25/2007	JCO-117 (0-2) 10/25/2007	JCO-117 (2-8) 10/25/2007	JCO-118 (0-2) 10/25/2007
Arsenic	38	41	30	ND < 6.06	ND < 6.88	-	-	-	-	-
Barium	6015	6015	98	41.5	*172*	-	-	-	-	-
Chromium	15773	100000	88	16.7	ND < 3.44	25.3	26.7	54.6	78.6	58.7
Lead	-	-	-	28.9	20.8	-	-	-	-	-
Selenium	36	36	-	ND < 6.06	ND < 6.88	-	-	-	-	-
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	-	-	-	-	-	-	-

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-118 (2-8) 10/25/2007	JCO-119 (0-2) 10/25/2007	JCO-119 (2-8) 10/25/2007	JCO-128 (0-2) 10/26/2007	JCO-128 (2-8) 10/26/2007	JCO-129 (0-2) 10/26/2007	JCO-129 (2-8) 10/26/2007
Arsenic	38	41	30	-	-	-	-	-	-	-
Barium	6015	6015	98	-	-	-	-	-	-	-
Chromium	15773	100000	88	70.9	65.8	68.9	*208*	*91.9*	*104*	62.5
Lead	-	-	-	-	-	-	-	-	-	-
Selenium	36	36	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	-	-	-	-	-	-	-

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-130 (0-2) 10/26/2007	JCO-130 (2-8) 10/26/2007	JCO-131 (0-2) 10/26/2007	JCO-131 (2-8) 10/26/2007	JCO-132 (0-2) 10/26/2007	JCO-132 (2-8) 10/26/2007	JCO-133 (0-2) 10/26/2007
Arsenic	38	41	30	-	-	ND < 5.89	ND < 6.26	ND < 5.63	ND < 7.16	ND < 5.98
Barium	6015	6015	98	-	-	90.9	36.9	64	*99.9*	18
Chromium	15773	100000	88	60.4	80	4.57	3.51	7.25	15.1	23.8
Lead	-	-	-	-	-	-	-	-	-	-
Selenium	36	36	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	-	-	-	-	-	-	-

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil	Type 3/4 Sub-Surface Soil (2 ft	Background Concentration	JCO-133 (2-8) 10/26/2007	JCO-134 (0-2) 10/26/2007	JCO-134 (2-8) 10/26/2007	JCO-135 (0-2) 10/26/2007	JCO-135 (2-8) 10/26/2007	JCO-136 (0-2) 10/26/2007	JCO-136 (2-8) 10/26/2007
Arsenic	38	41	30	ND < 6.13	ND < 70.7	ND < 66.6	ND < 69.1	ND < 6.58	*35.4*	10.1
Barium	6015	6015	98	18.6	41	22.2	37.2	17.5	53.4	32.2
Chromium	15773	100000	88	10	24.4	30	33.3	24.3	69.2	44.5
Lead	-	-	-	-	-	-	-	-	-	-
Selenium	36	36	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	-	-	-	-	-	-	-

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (2 ft bgs) RRS	Background Concentration	JCO-137 (0-2) 10/27/2007	JCO-137 (2-8) 10/27/2007	JCO-138 (0-2) 10/27/2007	JCO-138 (2-8) 10/27/2007	JCO-139 (0-2) 10/27/2007	JCO-139 (2-8) 10/27/2007	JCO-140 (0-2) 10/27/2007
Arsenic	38	41	30	22.5	15.4	14.5	ND / 5.42	10.2	14.2	11.6
Barium	6015	6015	98	59.9	40.6	37.5	61.7	45.5	39.6	48.8
Chromium	15773	100000	88	54.8	*95.7*	55	18.2	46.3	79.2	37.8
Lead	-	-	-	-	-	-	-	-	-	-
Selenium	36	36	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (9071B)										
TPH	-	-	-	-	-	-	-	-	-	-

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-4
Summary of Total Metals and Total Petroleum Hydrocarbons Analyses in Soil: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

Metals, Total (6010B)	Type 3/4 Surface Soil	Type 3/4 Sub-Surface Soil (2 ft	Background Concentration	JCO-140 (2-8) 10/27/2007
Arsenic	38	41	30	15
Barium	6015	6015	98	26.2
Chromium	15773	100000	88	60.9
Lead	-	-	-	-
Selenium	36	36	-	-
Total Petroleum Hydrocarbons (9071B)				
TPH	-	-	-	-

Notes:
1) Concentrations are in milligrams per kilogram (mg/Kg)
2) Only compounds detected above laboratory quantitation limits (PQL) are shown.
3) Non-detects are presented as "ND < ##", where ## is the laboratory PQL
4) "-" = Compound was not included in the laboratory analysis.
5) Detections in excess of Type 3/4 soil RRS are shaded.
6) Type 3/4 Soil RRS's referenced from "Response to January 23, 2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan"
7) Background metals concentrations calculated by ERM February 2007
8) Detections in excess of calculated background metals values are shown in italics

Table 3-5
Summary of Soil Organic Carbon Analyses: 2002-2007
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID:	JCO-109-6.0	JCO-110-13.0	JCO-110-14.5	JCO-111-24.0	JCO-111-26.0	JCO-112-7.5
Fractional Organic Carbon	Method	8/8/2007	8/8/2007	8/8/2007	8/8/2007	8/8/2007	8/8/2007
Fractional Organic Carbon (foc)	Walkley-Black	0.6	ND < 0.071	ND < 0.070	ND < 0.066	ND < 0.074	0.084
	ASTM-D2974	-	-	-	-	-	-

	Sample ID:	JCO-109-6.0	JCO-112-7.5-DUP	JCO-112-9.5	JCO-112-18.5	JCO-113-8.0	JCO-113-12.0
Fractional Organic Carbon	Method	8/8/2007	8/8/2007	8/8/2007	8/8/2007	8/8/2007	8/8/2007
Fractional Organic Carbon (foc)	Walkley-Black	0.6	0.0917	0.093	0.070	0.16	0.071
	ASTM-D2974	-	-	-	-	-	-

	Sample ID:	JCO-109-6.0	MW-52D (2-4')	MW-52D (20-22)	MW-53D-SB (2-4)	MW-53D-SB (14-16)	MW-54D (2-4')
Fractional Organic Carbon	Method	8/8/2007	10/22/2007	10/22/2007	10/21/2007	10/21/2007	10/20/2007
Fractional Organic Carbon (foc)	Walkley-Black	0.6	-	-	-	-	-
	ASTM-D2974	-	1.3	2.8	1.1	1.6	3.1

	Sample ID:	JCO-109-6.0	MW-54D (10-12')	MW-55D (4-6')	MW-55D (20-22')
Fractional Organic Carbon	Method	8/8/2007	10/20/2007	10/31/2007	11/3/2007
Fractional Organic Carbon (foc)	Walkley-Black	0.6	-	-	-
	ASTM-D2974	-	2.3	2.9	4.2

Notes:
1) All results expressed in weight percent (%)
2) ND<## = not deteected at concentrations above laboratory quantitation limit (PQL); PQL provided
3) - = sample not analyzed per method indicated

Table 3-6
Summary of Sediment Analytical Results: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

VOC (8260B) (µg/Kg)	NOAA SEL Sediment Criteria	Background Concentration	JCO-SED-11 6/28/2005	JCO-SED-12 6/28/2005	JCO-SED-13 6/28/2005	JCO-SED-14 6/28/2005	JCO-SED-15 6/3/2009	JCO-SED-16 6/3/2009
1,1,1-Trichloroethane	--	--	ND < 6.4	ND < 10.3	ND < 7.5	ND < 7.1	NA	NA
1,1-Dichloroethane	--	--	ND < 6.4	ND < 10.3	ND < 7.5	ND < 7.1	NA	NA
1,1-Dichloroethene	--	--	ND < 6.4	ND < 10.3	ND < 7.5	ND < 7.1	NA	NA
Styrene	--	--	ND < 6.4	ND < 10.3	35	ND < 7.1	NA	NA
Metals, Total (6010B) (mg/Kg)								
Arsenic	33	30	ND < 6.6	ND < 8.9	6.33	11.8	NA	NA
Barium	--	98	30.8	31.8	30.2	41	NA	NA
Chromium	110	88	23.5	21.5	33.8	22.1	73.1	60.5
Lead	250	--	15.2	25.3	22.2	50.3	NA	NA

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND / ##", where ## is the laboratory PQL
3) "--" = No applicable standard or background concentration for this analyte
4) "NA" = Analyte was not included in lab analysis.
5) NOAA SEL - National Oceanographic and Atmospheric Administration Severe Effect Level

Table 3-6
Summary of Sediment Analytical Results: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

VOC (8260B) (µg/Kg)	NOAA SEL Sediment Criteria	Background Concentration	JCO-SED-17 6/3/2009	SBW-1 3/14/2005	SBW-2 3/14/2005	SBW-3 3/14/2005	SBW-4 3/14/2005	SBW-5 3/14/2005
1,1,1-Trichloroethane	--	--	NA	ND < 7.4	ND < 7.1	ND < 6.9	110	ND < 5.9
1,1-Dichloroethane	--	--	NA	ND < 7.4	ND < 7.1	ND < 6.9	19	ND < 5.9
1,1-Dichloroethene	--	--	NA	ND < 7.4	ND < 7.1	ND < 6.9	64	ND < 5.9
Styrene	--	--	NA	ND < 7.4	ND < 7.1	ND < 6.9	ND < 7.7	ND < 5.9
Metals, Total (6010B) (mg/Kg)								
Arsenic	33	30	NA	NA	NA	NA	NA	NA
Barium	--	98	NA	NA	NA	NA	NA	NA
Chromium	110	88	6.4	NA	NA	NA	NA	NA
Lead	250	--	NA	NA	NA	NA	NA	NA

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND / ##", where ## is the laboratory PQL
3) "--" = No applicable standard or background concentration for this analyte
4) "NA" = Analyte was not included in lab analysis.
5) NOAA SEL - National Oceanographic and Atmospheric Administration Severe Effect Level

Table 3-6
Summary of Sediment Analytical Results: 2005-2009
Avery Dennison Site
Flowery Branch, Georgia

VOC (8260B) (µg/Kg)	NOAA SEL Sediment Criteria	Background Concentration	SBW-6 3/14/2005	SBW-7 3/14/2005	SBW-8 3/14/2005	SBW-9 3/14/2005	SBW-10 3/14/2005
1,1,1-Trichloroethane	--	--	23	ND < 5.5	ND < 6	ND < 6.4	ND < 8.8
1,1-Dichloroethane	--	--	16	ND < 5.5	ND < 6	ND < 6.4	ND < 8.8
1,1-Dichloroethene	--	--	18	ND < 5.5	ND < 6	ND < 6.4	ND < 8.8
Styrene	--	--	ND < 5.9	ND < 5.5	ND < 6	ND < 6.4	ND < 8.8
Metals, Total (6010B) (mg/Kg)							
Arsenic	33	30	NA	NA	NA	NA	NA
Barium	--	98	NA	NA	NA	NA	NA
Chromium	110	88	52	16.4	24.8	64.7	247
Lead	250	--	NA	NA	NA	NA	NA

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND / ##", where ## is the laboratory PQL
3) "--" = No applicable standard or background concentration for this analyte
4) "NA" = Analyte was not included in lab analysis.
5) NOAA SEL - National Oceanographic and Atmospheric Administration Severe Effect Level

Table 4-1
Rationale for Selection of Screen Intervals for Bedrock Wells, Including Review of Geophysics Logs
Avery Dennison Site, Flowery Branch, Georgia

Well	Screened Interval (ft bgs)	Sand-pack Interval (ft bgs)	Rationale
BR-1S	28.7-38.3	27-42	Competent rock was observed at 26 ft bgs below ground surface (ft bgs). The screen interval was selected to achieve vertical separation with BR-1D (see below). The geophysics log showed no significant features.
BR-1D	70.6-80.2	68-83	Water was encountered at 76 ft bgs during drilling. The geophysics log showed a caliper kick as well as significant acoustic response at 74-75 ft bgs. The screen was positioned at an approximate midpoint across these features.
BR-2	85.3-94.8	82-98	Adjacent well MW-39D is screened to 46 ft bgs upon competent rock. The geophysics log showed a strong acoustic response and minor caliper kick at 89 ft bgs. The screen was positioned at an approximate midpoint across these features.
BR-3	85.6-95.2	82-98	Adjacent well MW-40D is screened to 49 ft bgs upon competent rock. The heat-pulse flow meter indicated upward flow at 89 ft bgs. In addition, the geophysics log showed an acoustic response and caliper kick at 89 ft bgs. The screen was positioned at an approximate midpoint across these features.
BR-4S	40.6-50.2	39-53	Competent rock was observed in the range of 36-39 ft bgs. The heat-pulse flow meter registered upward flow in the borehole at 40 and 44 ft bgs, and a caliper response was observed 38-44 ft bgs. The screen interval was selected to bridge over the flow features.
BR-4D	80.3-99.9	77-105	High water production was encountered in the adjacent borehole at 70-77 ft bgs. The heat-pulse flow meter registered flow in this borehole at 84.5 and 97 ft bgs. A caliper kick was observed at 85 ft bgs, and an acoustic response was observed at 97-99 ft bgs, along with a change in resistivity at 99 ft bgs. A 20-foot screen interval was selected to bridge these significant features.
BR-5	55.6-65.2	54-68	Water production was observed at 57-62 ft bgs during drilling. A minor caliper jump and acoustic response was observed at 61.5 ft bgs. The screen was positioned at an approximate midpoint across these features.
BR-6	95.7-105.3	94-108	Adjacent bedrock well MW-18D is screened within competent rock to 56.5 ft bgs. The heat-pulse flow meter registered strong downward flow in the borehole to a depth of 100 ft bgs,

Table 4-1 Rationale for Selection of Screen Intervals for Bedrock Wells, Including Review of Geophysics Logs Avery Dennison Site, Flowery Branch, Georgia			
Well	Screened Interval (ft bgs)	Sand-pack Interval (ft bgs)	Rationale
			suggesting flow is leaving the borehole near that point. A decrease in resistivity was noted at 104 ft bgs. Thus, the screen interval is positioned across these features.
BR-7	95.2-109.8	95-115	Adjacent bedrock well MW-20D is screened within competent rock to 47 ft bgs. Resistivity changes were observed at 93.5, 100, and 108-109.5 ft bgs. A temperature change was noted at 109 ft bgs. Acoustic responses were observed at 100.5 and 107 ft bgs. A 15-foot well screen was selected to span these significant features.
BR-8S	15.2-24.8	13-27	Water production was encountered during drilling at 18 ft bgs. Competent rock was encountered at 13 ft bgs, and an acoustic response was observed at 17 ft bgs. The screen interval was selected to bridge the 17-18 ft bgs features.
BR-8D	50.7-60.3	41-65	A gradual resistivity change was observed from 45-65 ft bgs; no other significant features were noted. The screen interval was placed to cover the midpoint of the 45-65 ft bgs interval.
BR-9S	18.5-28.1	13-30	Competent rock was encountered at 13-15 ft bgs. A caliper kick and strong acoustic response was observed at 23-24 ft bgs; thus, the screen interval was placed across that range.
BR-9D	61.6-71.2	60-76	A caliper inflection was observed at 65 ft bgs, accompanied by a resistivity change. A minor acoustic response was observed at 69 ft bgs. Thus, the screen interval was placed to span these features.
BR-10S	35.2-44.8	34-47	Competent rock was observed at 30 ft bgs. Minor water production was observed during drilling at 42 ft bgs. No other significant observations were noted. The screen interval was placed to span the location of water production.
BR-10D	65.5-75.1	64-77	Minor water production was apparent during drilling at 70 ft bgs. No other significant features were observed. The screen interval was thus placed to span the location of apparent minor water production.
BR-11	61.4-71.0	50-71	At 67 ft bgs the drilling assembly fell to 74 ft bgs, indicating a vug. The heat-pulse flow meter confirmed relatively high flow at 69-70 ft bgs. The screen was placed within this feature amid sand.
BR-12	58.1-72.7	63-76	Adjacent monitoring well MW-41D is screened to 41 ft bgs upon competent rock. The heat-

Table 4-1
Rationale for Selection of Screen Intervals for Bedrock Wells, Including Review of Geophysics Logs
Avery Dennison Site, Flowery Branch, Georgia

Well	Screened Interval (ft bgs)	Sand-pack Interval (ft bgs)	Rationale
			pulse flow meter showed an increase in borehole flow at 70 ft bgs. Numerous acoustic responses were observed between 60-70 ft bgs. Caliper kicks were also observed at 60 and 70 ft bgs. To span most significant features, a 15-foot screen was installed from 58–73 ft bgs.
BR-13	64.7-74.6	63.6-75	BR-13 was cored using a diamond drill bit (HQ core). Screened interval was selected based on observed oxidized fractures 65-66.4 ft bgs; cross-cutting fracture at 67 ft bgs.
BR-14	69.7-79.6	66.6-80	BR-14 was cored using a diamond drill bit (HQ). Screened interval selected following initial Packer Test on interval 60-70 ft bgs showed poor yield. BR-14 was advanced an additional 10 ft bgs to 80 ft bgs total depth. Screened interval centered on steeply-dipping fractures observed at 75 ft bgs.
BR-15	84.8 – 94.1	81.5-95.2	BR-15 was cored using a diamond drill bit (HQ). Packer test on the interval 95-105 ft bgs showed very slow response. Screened interval was selected based on the results of a more favorable yield from Packer Test on the interval 85-92.5 ft bgs.
BR-16	74.9-84.7	73-86.2	BR-16 cored using diamond drill bit (HQ). Screened interval was selected based on Packer Test on interval 77-84.4 ft bgs.
BR-17	62.2-71.9	60.5-72.5	BR-17 cored using diamond drill bit (HQ). Screen interval based on Packer Test on interval 64-72.5.
BR-18	68.5-78.2	67-80	BR-18 cored using diamond drill bit (HQ). Screen interval based on Packer Test on interval 63-80 ft bgs.
BR-19	73.6-83.3	71.7-84.8	BR-19 cored using diamond drill bit (HQ). Screen interval based on Packer Test on interval 78-85 ft bgs.
BR-20	69-78.4	66-79.9	BR-20 was cored using diamond drill bit (HQ). Screen interval based on Packer Test on interval 70-79.9 ft bgs
BR-21	33.3-43.2	32-44	BR-21 was cored using diamond drill bit (HQ). Screen interval based on observed highly oxidized fractures 34-37 ft bgs.
BR-20D	99.8-119.0	97.1-120.5	The screened interval at BR-20D was selected to include a caliper inflection recorded at 105 ft bgs and fractures identified by acoustic televiewer at 101 and 108 ft bgs.

Table 4-1
Rationale for Selection of Screen Intervals for Bedrock Wells, Including Review of Geophysics Logs
Avery Dennison Site, Flowery Branch, Georgia

Well	Screened Interval (ft bgs)	Sand-pack Interval (ft bgs)	Rationale
BR-21D	59.0-78.2	57.0-80.2	The screened interval at BR-21D was selected to include caliper inflections at 62 and 66 ft bgs and multiple fractures observed in the rock core between 58 and 78 ft bgs. A twenty foot screen interval was chosen to span most of these features.
BR-22S	14.8-25.3	14.0-25.9	The screened interval at BR-22S was selected to include a zone of high groundwater production at 17 ft bgs during air hammer drilling, highly fractured rock visible in video imagery, and inflections in downhole conductivity, fluid resistivity and temperature logs between 15 and 17 ft bgs.
BR-22D	48.0-57.7	45.5-59.0	The screened interval at BR-22D was selected to include inflections in conductivity and fluid resistivity at 51 and 54 ft bgs, a fracture observed in rock core at 51 ft bgs, and a fracture detected by acoustic televiewer at 51 ft bgs.
BR-23	---	---	A monitoring well screen was not installed at BR-23. The well remains open between the bottom of conductor casing (58 ft bgs) and the total depth of the boring (130 ft bgs).
BR-24	89.8-99.4	88.0-101.0	The screened interval at BR-24 was selected to include a zone of high groundwater production at 97 ft bgs during air hammer drilling, a fracture observed in video imagery at 95 ft bgs, a caliper inflection at 95 ft bgs, and inflections in conductivity and fluid resistivity at 97 ft bgs.

Table 4-2(a)
Summary of Potentiometric Data: 2006-2007
Avery Dennison Site
Flowery Branch, Georgia

Structure Name	Northing Feet	Easting Feet	Elevation Ground	Elevation Structure	6/16/2006		10/3/2006		2/16/2007		5/14/2007		10/23/2007	
					Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.
MW-1	1527407.40	2377693.31	1172.46	1172.34	11.05	1161.29	10.66	1161.68	9.48	1162.86	9.72	1162.62	11.07	1161.27
MW-2	1527375.71	2377657.20	1171.92	1171.67	10.83	1160.84	10.48	1161.19	9.37	1162.30	9.60	1162.07	10.88	1160.79
MW-3	1527401.48	2377627.25	1173.68	1173.32	13.41	1159.91	13.22	1160.10	12.13	1161.19	12.42	1160.90	13.61	1159.71
MW-4	1527361.94	2377622.84	1172.16	1171.99	12.10	1159.89	11.85	1160.14	10.72	1161.27	11.05	1160.94	12.19	1159.80
MW-5	1527380.29	2377592.11	1173.15	1172.91	13.80	1159.11	13.64	1159.27	12.61	1160.30	12.94	1159.97	13.97	1158.94
MW-6	1527674.72	2377294.61	1168.63	1168.70	14.71	1153.99	14.86	1153.84	13.85	1154.85	14.52	1154.18	15.69	1153.01
MW-7	1527768.76	2377238.25	1167.78	1167.64	12.39	1155.25	11.51	1156.13	11.81	1155.83	12.62	1155.02	14.30	1153.34
MW-8	1528068.91	2377004.62	1159.96	1162.24	10.50	1151.74	10.72	1151.52	8.87	1153.37	9.83	1152.41	10.13	1152.11
MW-9	1528125.85	2376934.93	1155.90	1158.51	7.45	1151.06	7.73	1150.78	5.71	1152.80	5.64	1152.87	6.23	1152.28
MW-10	1528368.62	2376866.88	1156.17	1158.81	10.68	1148.13	10.53	1148.28	8.21	1150.60	10.43	1148.38	DRY	-
MW-11	1528241.05	2377037.17	1166.85	1169.76	17.39	1152.37	17.98	1151.78	16.32	1153.44	17.24	1152.52	18.09	1151.67
MW-12	1528086.74	2377186.22	1170.69	1170.70	13.17	1157.53	14.03	1156.67	11.98	1158.72	12.83	1157.87	15.58	1155.12
MW-13	1528336.49	2377473.61	1178.11	1178.09	14.25	1163.84	15.32	1162.77	11.46	1166.63	13.52	1164.57	18.71	1159.38
MW-14	1527677.19	2377169.29	1156.47	1159.35	7.18	1152.17	7.06	1152.29	6.45	1152.90	6.90	1152.45	7.42	1151.93
MW-15S	1527137.62	2377428.93	1173.02	1176.20	15.48	1160.72	15.70	1160.50	14.63	1161.57	14.52	1161.68	17.10	1159.10
MW-15D	1527133.29	2377437.78	1172.48	1175.13	13.76	1161.37	14.68	1160.45	13.06	1162.07	13.25	1161.88	16.18	1158.95
MW-16S	1527433.64	2377252.67	1158.37	1161.19	7.55	1153.64	14.68	1146.51	6.53	1154.66	7.13	1154.06	8.02	1153.17
MW-16D	1527409.46	2377271.02	1158.37	1160.50	7.75	1152.75	7.60	1152.90	6.57	1153.93	7.19	1153.31	8.79	1151.71
MW-17	1527669.06	2377145.56	1156.41	1158.71	6.78	1151.93	6.60	1152.11	6.12	1152.59	6.51	1152.20	6.98	1151.73
MW-18S	1527875.46	2377005.20	1155.58	1158.17	8.14	1150.03	7.95	1150.22	6.86	1151.31	7.83	1150.34	7.87	1150.30
MW-18D	1527869.90	2377005.48	1155.52	1158.25	8.78	1149.47	8.63	1149.62	8.04	1150.21	8.53	1149.72	8.63	1149.62
MW-19S	1528171.82	2376840.61	1152.85	1155.38	6.79	1148.59	6.80	1148.58	6.14	1149.24	6.68	1148.70	6.67	1148.71
MW-19D	1528172.46	2376834.76	1152.69	1154.99	6.73	1148.26	6.77	1148.22	6.28	1148.71	6.46	1148.53	6.61	1148.38
MW-20S	1528402.38	2376715.07	1150.95	1154.42	7.36	1147.06	7.06	1147.36	5.84	1148.58	6.90	1147.52	7.47	1146.95
MW-20D	1528398.83	2376710.49	1150.72	1153.59	6.88	1146.71	6.68	1146.91	5.59	1148.00	6.44	1147.15	6.87	1146.72
MW-21	1528540.84	2376931.15	1160.25	1163.35	13.72	1149.63	13.83	1149.52	11.57	1151.78	13.51	1149.84	-	-
MW-22	1527964.61	2377741.14	1171.11	1170.92	5.77	1165.15	6.98	1163.94	4.66	1166.26	5.36	1165.56	8.64	1162.28
MW-23	1527405.48	2377484.71	1169.65	1169.71	14.62	1155.09	14.63	1155.08	14.16	1155.55	14.40	1155.31	14.79	1154.92
MW-24	1527492.73	2377109.37	-	1162.61	9.15	1153.46	8.58	1154.03	7.52	1155.09	8.30	1154.31	10.49	1152.12
MW-25D	1527764.77	2376927.08	1154.20	1156.58	4.44	1152.14	4.82	1151.76	4.01	1152.57	4.30	1152.28	6.09	1150.49
MW-25DRX	1527770.51	2376917.75	1154.08	1156.57	0.07	1156.50	0.30	1156.27	flowing	>1156.27	flowing	>1156.27	2.26	1154.31

Table 4-2(a)
Summary of Potentiometric Data: 2006-2007
Avery Dennison Site
Flowery Branch, Georgia

Structure Name	Northing Feet	Easting Feet	Elevation Ground	Elevation Structure	6/16/2006		10/3/2006		2/16/2007		5/14/2007		10/23/2007	
					Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.
MW-26S	1527896.83	2376878.04	1151.90	1154.12	5.03	1149.09	4.96	1149.16	4.74	1149.38	4.95	1149.17	4.97	1149.15
MW-26D	1527905.32	2376884.68	1151.69	1153.92	4.81	1149.11	4.78	1149.14	4.53	1149.39	4.73	1149.19	4.80	1149.12
MW-27S	1528180.56	2376755.10	1150.15	1152.77	4.93	1147.84	5.03	1147.74	4.51	1148.26	4.83	1147.94	4.97	1147.80
MW-27D	1528169.95	2376754.23	1150.32	1152.91	4.96	1147.95	5.19	1147.72	4.54	1148.37	4.88	1148.03	5.21	1147.70
MW-28	1528227.63	2376645.39	1149.71	1152.21	5.38	1146.83	5.20	1147.01	3.90	1148.31	5.03	1147.18	5.36	1146.85
MW-29	1527924.74	2376747.39	1150.85	1153.74	5.07	1148.67	5.20	1148.54	4.02	1149.72	4.87	1148.87	5.59	1148.15
MW-30	1528311.20	2377194.28	1175.82	1175.55	16.28	1159.27	18.10	1157.45	15.76	1159.79	16.48	1159.07	19.51	1156.04
MW-31	1527385.32	2377776.86	1169.72	1169.49	6.95	1162.54	6.22	1163.27	4.96	1164.53	5.21	1164.28	6.57	1162.92
MW-32	1527483.67	2377772.68	1174.02	1173.73	11.75	1161.98	11.25	1162.48	9.96	1163.77	10.25	1163.48	11.72	1162.01
MW-33	1527349.56	2377378.86	1159.05	1162.48	8.45	1154.03	8.23	1154.25	7.60	1154.88	8.12	1154.36	8.50	1153.98
MW-34	1527502.88	2377830.07	1173.74	1173.45	10.74	1162.71	10.31	1163.14	9.14	1164.31	9.29	1164.16	10.81	1162.64
MW-35	1527655.51	2377094.36	1155.75	1158.57	6.82	1151.75	6.47	1152.10	5.54	1153.03	6.42	1152.15	7.14	1151.43
MW-36D	1528056.60	2377069.80	1169.14	1172.49	19.03	1153.46	19.48	1153.01	17.61	1154.88	18.58	1153.91	19.75	1152.74
MW-36S	1528051.94	2377073.85	1169.44	1172.59	18.71	1153.88	19.25	1153.34	17.26	1155.33	18.31	1154.28	19.66	1152.93
MW-37	1527978.25	2376986.85	1159.17	1161.90	11.66	1150.24	-	-	9.91	1151.99	11.14	1150.76	10.93	1150.97
MW-38	1528095.60	2377270.59	1171.54	1171.27	12.95	1158.32	13.50	1157.77	11.97	1159.30	12.61	1158.66	13.53	1157.74
MW-39D	1528108.80	2377696.13	1172.44	1172.09	6.75	1165.34	7.68	1164.41	5.24	1166.85	6.28	1165.81	9.58	1162.51
MW-39S	1528112.66	2377693.95	1172.53	1172.20	6.59	1165.61	7.62	1164.58	4.95	1167.25	6.14	1166.06	9.72	1162.48
MW-40D	1527779.84	2377906.98	1171.10	1174.08	10.65	1163.43	10.56	1163.52	8.36	1165.72	9.26	1164.82	11.62	1162.46
MW-41D	1528573.64	2377418.67	1170.66	1173.81	10.30	1163.51	11.98	1161.83	8.32	1165.49	9.95	1163.86	-	-
MW-42	1528065.14	2376810.40	1152.90	1155.77	7.84	1147.93	7.71	1148.06	7.33	1148.44	7.68	1148.09	7.65	1148.12
MW-43D	1528217.18	2377632.83	1173.71	1173.41	-	-	-	-	-	-	-	-	11.68	1161.73
MW-43S	1528210.53	2377636.72	1173.67	1173.34	-	-	-	-	-	-	-	-	10.92	1162.42
MW-44D	1528277.51	2377598.01	1174.05	1173.77	-	-	-	-	-	-	-	-	12.21	1161.56
MW-44S	1528270.53	2377602.18	1173.92	1173.35	-	-	-	-	-	-	-	-	11.54	1161.81
MW-45D	1527724.55	2377266.88	1168.37	1167.88	-	-	-	-	-	-	-	-	15.21	1152.67
MW-45S	1527716.25	2377271.87	1168.45	1168.15	-	-	-	-	-	-	-	-	14.94	1153.21
MW-46D	1528103.79	2377168.59	1169.91	1169.67	-	-	-	-	-	-	-	-	14.80	1154.87
MW-46I	1528110.54	2377166.66	1169.89	1169.56	-	-	-	-	-	-	-	-	15.28	1154.28
MW-47D	1527424.46	2377456.13	1169.71	1169.34	-	-	-	-	-	-	-	-	14.80	1154.54
MW-47S	1527431.98	2377451.62	1169.81	1169.51	-	-	-	-	-	-	-	-	15.05	1154.46
MW-48D	1527389.74	2377509.79	1170.07	1169.73	-	-	-	-	-	-	-	-	14.29	1155.44
MW-48S	1527389.65	2377505.60	1170.05	1169.79	-	-	-	-	-	-	-	-	14.40	1155.39
MW-49D	1527676.58	2377162.19	1156.72	1159.21	-	-	-	-	-	-	-	-	7.45	1151.76
MW-50D	1527853.42	2377011.09	1155.11	1157.78	-	-	-	-	-	-	-	-	7.48	1150.30
MW-51D	1528022.06	2376920.74	1156.20	1158.91	-	-	-	-	-	-	-	-	8.93	1149.98

Table 4-2(a)
Summary of Potentiometric Data: 2006-2007
Avery Dennison Site
Flowery Branch, Georgia

Structure Name	Northing Feet	Easting Feet	Elevation Ground	Elevation Structure	6/16/2006		10/3/2006		2/16/2007		5/14/2007		10/23/2007	
					Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.
MW-52D	1528179.90	2376839.14	1152.89	1155.74	-	-	-	-	-	-	-	-	7.26	1148.48
MW-56D	1527909.84	2377107.13	1164.28	1167.18	-	-	-	-	-	-	-	-	14.98	1152.20
MW-57D	1528067.10	2376999.70	1159.77	1162.26	-	-	-	-	-	-	-	-	11.14	1151.12
MW-57I	1528073.73	2376999.27	1159.74	1162.39	-	-	-	-	-	-	-	-	10.77	1151.62
MW-58D	1528012.78	2377066.31	1163.79	1166.17	-	-	-	-	-	-	-	-	13.94	1152.23
MW-58S	1528009.06	2377066.26	1163.69	1166.12	-	-	-	-	-	-	-	-	13.81	1152.31
MW-59D	1528069.18	2376950.08	1156.93	1159.81	-	-	-	-	-	-	-	-	8.16	1151.65
MW-59I	1528071.95	2376947.12	1156.66	1159.42	-	-	-	-	-	-	-	-	8.48	1150.94
MW-60D	1527968.94	2376986.24	1159.22	1161.72	-	-	-	-	-	-	-	-	10.88	1150.84
MW-W	1527757.44	2376939.01	-	1156.55	6.25	1150.30	6.07	1150.48	5.45	1151.10	5.97	1150.58	6.38	1150.17
BR-1D	1528339.13	2377483.16	1178.06	1181.00	20.11	1160.89	21.38	1159.62	19.12	1161.88	19.87	1161.13	23.52	1157.48
BR-1S	1528333.82	2377482.80	1178.18	1181.08	16.83	1164.25	18.51	1162.57	14.52	1166.56	16.00	1165.08	21.37	1159.71
BR-2	1528130.81	2377683.24	1172.72	1172.39	6.43	1165.96	10.55	1161.84	8.58	1163.81	8.98	1163.41	11.95	1160.44
BR-3	1527786.64	2377902.96	1171.49	1174.56	10.41	1164.15	11.34	1163.22	9.48	1165.08	9.70	1164.86	12.40	1162.16
BR-4D	1527424.75	2377460.40	1169.79	1169.58	14.27	1155.31	14.52	1155.06	14.64	1154.94	13.94	1155.64	15.29	1154.29
BR-4S	1527429.86	2377456.18	1169.85	1169.48	14.62	1154.86	14.68	1154.80	14.23	1155.25	14.48	1155.00	14.90	1154.58
BR-5	1528181.12	2376833.31	1153.01	1156.00	7.83	1148.17	7.90	1148.10	7.27	1148.73	7.59	1148.41	7.88	1148.12
BR-6	1527864.20	2377008.44	1155.39	1158.35	9.96	1148.39	9.97	1148.38	9.47	1148.88	9.72	1148.63	9.82	1148.53
BR-7	1528371.33	2376662.91	1149.11	1151.88	4.72	1147.16	4.74	1147.14	3.38	1148.50	4.32	1147.56	6.17	1145.71
BR-8D	1528249.08	2376612.94	1149.84	1152.60	4.80	1147.80	6.60	1146.00	5.27	1147.33	6.20	1146.40	5.88	1146.72
BR-8S	1528244.10	2376612.87	1149.60	1152.52	5.67	1146.85	5.47	1147.05	4.17	1148.35	5.30	1147.22	5.71	1146.81
BR-9D	1528061.42	2376722.56	1150.45	1153.02	0.09	1152.93	0.15	1152.87	0.10	1152.92	flowing	> 1153.02	flowing	> 1153.02
BR-9S	1528064.43	2376724.88	1150.59	1153.51	5.32	1148.19	5.72	1147.79	4.85	1148.66	5.30	1148.21	5.91	1147.60
BR-10D	1527638.61	2376958.59	1156.30	1159.07	1.58	1157.49	19.08	1139.99	13.05	1146.02	19.64	1139.43	6.29	1152.78
BR-10S	1527642.09	2376960.75	1155.72	1158.32	1.39	1156.93	1.73	1156.59	0.73	1157.59	1.12	1157.20	3.98	1154.34
BR-11	1527421.14	2377257.02	1158.59	1161.08	7.63	1153.45	7.50	1153.58	6.45	1154.63	7.09	1153.99	8.68	1152.40
BR-12	1528570.36	2377400.76	1170.88	1173.73	13.23	1160.50	14.82	1158.91	12.03	1161.70	12.90	1160.83	-	-
BR-13	1528213.87	2377634.84	1173.67	1173.30	-	-	-	-	-	-	-	-	11.72	1161.58
BR-14	1528273.60	2377600.13	1173.98	1173.65	-	-	-	-	-	-	-	-	16.62	1157.03
BR-15	1527720.27	2377269.50	1168.51	1168.27	-	-	-	-	-	-	-	-	17.13	1151.14
BR-16	1527675.27	2377151.65	1156.60	1159.30	-	-	-	-	-	-	-	-	7.75	1151.55
BR-17	1528116.29	2377156.23	1169.77	1169.47	-	-	-	-	-	-	-	-	17.16	1152.31
BR-19	1527918.05	2377109.39	1164.10	1167.05	-	-	-	-	-	-	-	-	15.98	1151.07
SBW-1	1528328.68	2376630.52	1147.21	1151.41	4.79	1146.62	4.70	1146.71	5.37	1146.04	4.45	1146.96	4.71	1146.70
SBW-2	1528272.47	2376678.96	1147.07	1151.56	4.76	1146.80	4.71	1146.85	3.84	1147.72	4.58	1146.98	4.72	1146.84

Table 4-2(a)
Summary of Potentiometric Data: 2006-2007
Avery Dennison Site
Flowery Branch, Georgia

Structure Name	Northing Feet	Easting Feet	Elevation Ground	Elevation Structure	6/16/2006		10/3/2006		2/16/2007		5/14/2007		10/23/2007	
					Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.
SBW-3	1528169.16	2376739.70	1147.26	1152.61	5.05	1147.56	5.02	1147.59	4.84	1147.77	4.93	1147.68	5.01	1147.60
SBW-4	1528098.61	2376796.17	1147.42	1152.50	4.85	1147.65	4.79	1147.71	4.74	1147.76	4.75	1147.75	4.75	1147.75
SBW-5	1528019.60	2376764.18	1148.34	1153.16	4.65	1148.51	4.62	1148.54	4.55	1148.61	4.64	1148.52	4.64	1148.52
SBW-6	1527694.74	2377111.54	1151.81	1156.74	6.06	1150.68	4.99	1151.75	-	-	-	-	-	-
SBW-7	1527626.06	2377200.77	1152.43	1157.07	4.77	1152.30	4.68	1152.39	4.90	1152.17	4.83	1152.24	4.97	1152.10
SBW-8	1527407.42	2377436.17	1154.07	1159.34	4.86	1154.48	4.86	1154.48	5.18	1154.16	4.84	1154.50	4.90	1154.44
SBW-9	1527368.08	2377474.02	1155.16	1159.96	5.23	1154.73	5.17	1154.79	5.00	1154.96	5.14	1154.82	5.25	1154.71
SBW-10	1527324.05	2377522.75	1156.22	1160.88	5.34	1155.54	5.26	1155.62	5.18	1155.70	5.27	1155.61	5.32	1155.56
SW Stage at SBW-1	1528328.68	2376630.52	1147.21	1151.41	-	-	4.68	1146.73	4.83	1146.58	4.45	1146.96	4.55	1146.86
SW Stage at SBW-2	1528272.47	2376678.96	1147.07	1151.56	-	-	4.71	1146.85	3.97	1147.59	4.60	1146.96	4.69	1146.87
SW Stage at SBW-3	1528169.16	2376739.70	1147.26	1152.61	-	-	5.06	1147.55	4.91	1147.70	4.93	1147.68	5.01	1147.60
SW Stage at SBW-4	1528098.61	2376796.17	1147.42	1152.50	-	-	4.94	1147.56	4.79	1147.71	4.90	1147.60	4.91	1147.59
SW Stage at SBW-5	1528019.60	2376764.18	1148.34	1153.16	-	-	4.65	1148.51	4.55	1148.61	4.64	1148.52	4.65	1148.51
SW Stage at SBW-6	1527694.74	2377111.54	1151.81	1156.74	-	-	5.10	1151.64	-	-	-	-	-	-
SW Stage at SBW-7	1527626.06	2377200.77	1152.43	1157.07	-	-	4.87	1152.20	4.82	1152.25	4.87	1152.20	4.88	1152.19
SW Stage at SBW-8	1527407.42	2377436.17	1154.07	1159.34	-	-	4.91	1154.43	4.87	1154.47	4.91	1154.43	4.90	1154.44
SW Stage at SBW-9	1527368.08	2377474.02	1155.16	1159.96	-	-	5.10	1154.86	4.99	1154.97	5.07	1154.89	5.13	1154.83
SW Stage at SBW-10	1527324.05	2377522.75	1156.22	1160.88	-	-	5.29	1155.59	5.18	1155.70	5.28	1155.60	5.35	1155.53

Notes:

Elevations expressed in untis of feet above mean sea level, datum NGVD, 1988

Northing and Easting coordinates in Georgia State Plane coordinate system

MW-25DRX is an artesian well that flows when uncapped. On 7/3/03 and 6/6/05, site conditions permitted attachment of a riser to measure artesian head.

Summary of Table 4-2(b)
Potentiometric Data: 2009
Avery Dennison Site
Flowery Branch, Georgia

The Johnson Company, Inc.

Structure	Northing	Easting	Elevation	Elevation	6/2/2009		10/13/2009	
Name	Feet	Feet	Ground	Structure	Depth	Elev.	Depth	Elev.
MW-1	1527407.40	2377693.31	1172.46	1172.34	10.77	1161.57	8.98	1163.36
MW-2	1527375.71	2377657.20	1171.92	1171.67	10.58	1161.09	9.06	1162.61
MW-3	1527401.48	2377627.25	1173.68	1173.32	13.15	1160.17	12.11	1161.21
MW-4	1527361.94	2377622.84	1172.16	1171.99	11.66	1160.33	10.89	1161.10
MW-5	1527380.29	2377592.11	1173.15	1172.91	13.48	1159.43	12.55	1160.36
MW-6	1527674.72	2377294.61	1168.63	1168.70	14.12	1154.58	12.73	1155.97
MW-7	1527768.76	2377238.25	1167.78	1167.64	12.05	1155.59	10.29	1157.35
MW-8	1528068.91	2377004.62	1159.96	1162.24	9.70	1152.54	6.36	1155.88
MW-9	1528125.85	2376934.93	1155.90	1158.51	6.42	1152.09	4.02	1154.49
MW-10	1528368.62	2376866.88	1156.17	1158.81	10.12	1148.69	3.48	1155.33
MW-11	1528241.05	2377037.17	1166.85	1169.76	16.70	1153.06	14.65	1155.11
MW-12	1528086.74	2377186.22	1170.69	1170.70	12.02	1158.68	9.49	1161.21
MW-13	1528336.49	2377473.61	1178.11	1178.09	11.92	1166.17	9.02	1169.07
MW-14	1527677.19	2377169.29	1156.47	1159.35	6.79	1152.56	5.77	1153.58
MW-15S	1527137.62	2377428.93	1173.02	1176.20	14.51	1161.69	13.91	1162.29
MW-15D	1527133.29	2377437.78	1172.48	1175.13	13.13	1162.00	12.75	1162.38
MW-16S	1527433.64	2377252.67	1158.37	1161.19	6.93	1154.26	4.58	1156.61
MW-16D	1527409.46	2377271.02	1158.37	1160.50	7.00	1153.50	5.50	1155.00
MW-17	1527669.06	2377145.56	1156.41	1158.71	6.43	1152.28	5.59	1153.12
MW-18S	1527875.46	2377005.20	1155.58	1158.17	7.58	1150.59	5.18	1152.99
MW-18D	1527869.90	2377005.48	1155.52	1158.25	8.41	1149.84	7.12	1151.13
MW-19S	1528171.82	2376840.61	1152.85	1155.38	6.45	1148.93	4.29	1151.09
MW-19D	1528172.46	2376834.76	1152.69	1154.99	6.33	1148.66	5.25	1149.74
MW-20S	1528402.38	2376715.07	1150.95	1154.42	6.64	1147.78	3.49	1150.93
MW-20D	1528398.83	2376710.49	1150.72	1153.59	6.47	1147.12	4.95	1148.64
MW-21	1528540.84	2376931.15	1160.25	1163.35	-	-	-	-
MW-22	1527964.61	2377741.14	1171.11	1170.92	4.42	1166.50	3.64	1167.28
MW-23	1527405.48	2377484.71	1169.65	1169.71	14.21	1155.50	13.71	1156.00
MW-24	1527492.73	2377109.37	-	1162.61	8.12	1154.49	6.80	1155.81
MW-25D	1527764.77	2376927.08	1154.20	1156.58	4.18	1152.40	4.36	1152.22
MW-25DRX	1527770.51	2376917.75	1154.08	1156.57	flowing	>1156.57	flowing	>1156.57
MW-26S	1527896.83	2376878.04	1151.90	1154.12	4.90	1149.22	3.52	1150.60
MW-26D	1527905.32	2376884.68	1151.69	1153.92	4.66	1149.26	3.81	1150.11
MW-27S	1528180.56	2376755.10	1150.15	1152.77	4.64	1148.13	4.14	1148.63
MW-27D	1528169.95	2376754.23	1150.32	1152.91	4.55	1148.36	3.55	1149.36
MW-28	1528227.63	2376645.39	1149.71	1152.21	4.38	1147.83	2.50	1149.71
MW-29	1527924.74	2376747.39	1150.85	1153.74	4.41	1149.33	2.68	1151.06
MW-30	1528311.20	2377194.28	1175.82	1175.55	15.19	1160.36	15.99	1159.56
MW-31	1527385.32	2377776.86	1169.72	1169.49	6.66	1162.83	3.50	1165.99
MW-32	1527483.67	2377772.68	1174.02	1173.73	11.41	1162.32	9.01	1164.72
MW-33	1527349.56	2377378.86	1159.05	1162.48	7.80	1154.68	6.82	1155.66
MW-34	1527502.88	2377830.07	1173.74	1173.45	10.59	1162.86	8.06	1165.39
MW-35	1527655.51	2377094.36	1155.75	1158.57	6.29	1152.28	5.14	1153.43

Notes:

Elevations expressed in untis of feet above mean sea level, datum NGVD, 1988

Northing and Easting coordinates in Georgia State Plane coordinate system

MW-25DRX is an artesian well that flows when uncapped. On 7/3/03 and 6/6/05, site conditions permitted attachment of a riser to measure artesian head.

* Water level below biotrap.

Summary of Table 4-2(b)
Potentiometric Data: 2009
Avery Dennison Site
Flowery Branch, Georgia

Structure	Northing	Easting	Elevation	Elevation	6/2/2009		10/13/2009	
Name	Feet	Feet	Ground	Structure	Depth	Elev.	Depth	Elev.
MW-36D	1528056.60	2377069.80	1169.14	1172.49	17.79	1154.70	15.32	1157.17
MW-36S	1528051.94	2377073.85	1169.44	1172.59	17.30	1155.29	15.05	1157.54
MW-37	1527978.25	2376986.85	1159.17	1161.90	10.80	1151.10	8.23	1153.67
MW-38	1528095.60	2377270.59	1171.54	1171.27	12.19	1159.08	8.93	1162.34
MW-39D	1528108.80	2377696.13	1172.44	1172.09	5.07	1167.02	3.28	1168.81
MW-39S	1528112.66	2377693.95	1172.53	1172.20	4.92	1167.28	3.55	1168.65
MW-40D	1527779.84	2377906.98	1171.10	1174.08	9.40	1164.68	7.44	1166.64
MW-41	1528573.64	2377418.67	1170.66	1173.81	-	-	-	-
MW-42	1528065.14	2376810.40	1152.90	1155.77	7.54	1148.23	6.51	1149.26
MW-43D	1528217.18	2377632.83	1173.71	1173.41	6.64	1166.77	4.51	1168.90
MW-43S	1528210.53	2377636.72	1173.67	1173.34	5.73	1167.61	2.85	1170.49
MW-44D	1528277.51	2377598.01	1174.05	1173.77	6.79	1166.98	3.81	1169.96
MW-44S	1528270.53	2377602.18	1173.92	1173.35	6.08	1167.27	2.89	1170.46
MW-45D	1527724.55	2377266.88	1168.37	1167.88	13.81	1154.07	14.01	1153.87
MW-45S	1527716.25	2377271.87	1168.45	1168.15	13.13	1155.02	11.64	1156.51
MW-46D	1528103.79	2377168.59	1169.91	1169.67	12.09	1157.58	10.39	1159.28
MW-46I	1528110.54	2377166.66	1169.89	1169.56	11.34	1158.22	9.43	1160.13
MW-47D	1527424.46	2377456.13	1169.71	1169.34	14.28	1155.06	13.59	1155.75
MW-47S	1527431.98	2377451.62	1169.81	1169.51	14.61	1154.90	14.02	1155.49
MW-48D	1527389.74	2377509.79	1170.07	1169.73	13.89	1155.84	13.40	1156.33
MW-48S	1527389.65	2377505.60	1170.05	1169.79	14.09	1155.70	13.53	1156.26
MW-49D	1527676.58	2377162.19	1156.72	1159.21	6.78	1152.43	5.95	1153.26
MW-50D	1527853.42	2377011.09	1155.11	1157.78	7.10	1150.68	5.41	1152.37
MW-51D	1528022.06	2376920.74	1156.20	1158.91	8.75	1150.16	6.57	1152.34
MW-52D	1528179.90	2376839.14	1152.89	1155.74	7.01	1148.73	5.84	1149.90
MW-54D	1528071.77	2376813.64	1152.52	1155.38	7.12	1148.26	5.27	1150.11
MW-55D	1528186.73	2376980.14	1160.31	1163.11	11.4	1151.71	9.52	1153.59
MW-56D	1527909.84	2377107.13	1164.28	1167.18	13.39	1153.79	10.99	1156.19
MW-57D	1528067.10	2376999.70	1159.77	1162.26	10.49	1151.77	8.03	1154.23
MW-57I	1528073.73	2376999.27	1159.74	1162.39	10.22	1152.17	7.42	1154.97
MW-58D	1528012.78	2377066.31	1163.79	1166.17	12.65	1153.52	9.81	1156.36
MW-58S	1528009.06	2377066.26	1163.69	1166.12	12.35	1153.77	9.45	1156.67
MW-59D	1528069.18	2376950.08	1156.93	1159.81	8.59	1151.22	6.34	1153.47
MW-59I	1528071.95	2376947.12	1156.66	1159.42	8.06	1151.36	5.66	1153.76
MW-60D	1527968.94	2376986.24	1159.22	1161.72	10.62	1151.10	8.35	1153.37
MW-61	1528153.92	2377163.83	1170.37	1170.03	11.23	1158.80	10.68	1159.35
MW-62	1528316.71	2376666.69	1149.36	1152.27	5.03	1147.24	3.82	1148.45
MW-63	1527483.34	2377591.31	1174.47	1174.17	15.68	1158.49	15.30	1158.87
MW-64	1527437.49	2377623.99	1174.5	1174.25	14.34	1159.91	13.58	1160.67
MW-65S	1527417.05	2377574.02	1174.4	1174.08	15.39	1158.69	*	*
MW-65D	1527419.74	2377572.49	1174.41	1174.11	15.72	1158.39	15.12	1158.99
MW-66	1527518.3	2377571.99	1174.44	1174.15	16.61	1157.54	16.28	1157.87
MW-W	1527757.44	2376939.01	-	1156.55	-	-	-	-

Notes:

Elevations expressed in untis of feet above mean sea level, datum NGVD, 1988

Northing and Easting coordinates in Georgia State Plane coordinate system

MW-25DRX is an artesian well that flows when uncapped. On 7/3/03 and 6/6/05, site conditions permitted attachment of a riser to measure artesian head.

* Water level below biotrap.

Summary of Table 4-2(b)
Potentiometric Data: 2009
Avery Dennison Site
Flowery Branch, Georgia

Structure	Northing	Easting	Elevation	Elevation	6/2/2009		10/13/2009	
Name	Feet	Feet	Ground	Structure	Depth	Elev.	Depth	Elev.
BR-1D	1528339.13	2377483.16	1178.06	1181.00	18.90	1162.10	18.57	1162.43
BR-1S	1528333.82	2377482.80	1178.18	1181.08	14.14	1166.94	14.31	1166.77
BR-2	1528130.81	2377683.24	1172.72	1172.39	8.34	1164.05	8.08	1164.31
BR-3	1527786.64	2377902.96	1171.49	1174.56	9.64	1164.92	10.10	1164.46
BR-4D	1527424.75	2377460.40	1169.79	1169.58	13.72	1155.86	12.64	1156.94
BR-4S	1527429.86	2377456.18	1169.85	1169.48	14.37	1155.11	13.68	1155.80
BR-5	1528181.12	2376833.31	1153.01	1156.00	7.30	1148.70	6.20	1149.80
BR-6	1527864.20	2377008.44	1155.39	1158.35	9.28	1149.07	8.22	1150.13
BR-7	1528371.33	2376662.91	1149.11	1151.88	3.70	1148.18	1.52	1150.36
BR-8D	1528249.08	2376612.94	1149.84	1152.60	4.45	1148.15	6.67	1145.93
BR-8S	1528244.10	2376612.87	1149.60	1152.52	4.94	1147.58	0.77	1151.75
BR-9D	1528061.42	2376722.56	1150.45	1153.02	flowing	>1153.02	flowing	>1153.02
BR-9S	1528064.43	2376724.88	1150.59	1153.51	4.57	1148.94	3.86	1149.65
BR-10D	1527638.61	2376958.59	1156.30	1159.07	2.01	1157.06	2.48	1156.59
BR-10S	1527642.09	2376960.75	1155.72	1158.32	0.84	1157.48	0.48	1157.84
BR-11	1527421.14	2377257.02	1158.59	1161.08	7.15	1153.93	5.51	1155.57
BR-12	1528570.36	2377400.76	1170.88	1173.73	-	-	-	-
BR-13	1528213.87	2377634.84	1173.67	1173.30	6.70	1166.6	4.71	1168.59
BR-14	1528273.60	2377600.13	1173.98	1173.65	11.90	1161.75	12.08	1161.57
BR-15	1527720.27	2377269.50	1168.51	1168.27	17.13	1151.14	14.52	1153.75
BR-16	1527675.27	2377151.65	1156.60	1159.30	6.69	1152.61	4.27	1155.03
BR-17	1528116.29	2377156.23	1169.77	1169.47	14.80	1154.67	12.91	1156.56
BR-18	1528181.59	2376968.35	1159.28	1161.88	12.72	1149.16	11.71	1150.17
BR-19	1527918.05	2377109.39	1164.10	1167.05	15.98	1151.07	14.31	1152.74
BR-20	1528023.64	2376926.56	1156.53	1159.48	10.35	1149.13	9.30	1150.18
BR-20D	1528031.09	2376922.50	1156.22	1159.02	10.02	1149.00	8.99	1150.03
BR-21	1528058.51	2376816.83	1152.91	1155.83	7.34	1148.49	6.43	1149.4
BR-21D	1528059.64	2376829.61	1152.67	1155.38	6.40	1148.98	5.34	1150.04
BR-22S	1528310.95	2376670.79	1149.09	1151.91	4.40	1147.51	2.98	1148.93
BR-22D	1528308.72	2376673.13	1149.01	1151.83	4.66	1147.17	2.98	1148.85
BR-23	1528063.91	2376989.10	1159.07	1160.89	11.75	1149.14	10.69	1150.2
BR-24	1527392.67	2377502.89	1170.19	1169.96	13.55	1156.41	12.17	1157.79
SBW-1	1528328.68	2376630.52	1147.21	1151.41	4.50	1146.91	3.85	1147.56
SBW-2	1528272.47	2376678.96	1147.07	1151.56	4.56	1147.00	3.92	1147.64
SBW-3	1528169.16	2376739.70	1147.26	1152.61	5.06	1147.55	4.55	1148.06
SBW-4	1528098.61	2376796.17	1147.42	1152.50	4.55	1147.95	4.07	1148.43
SBW-5	1528019.60	2376764.18	1148.34	1153.16	4.78	1148.38	4.31	1148.85
SBW-6	1527694.74	2377111.54	1151.81	1156.74	-	-	-	-
SBW-7	1527626.06	2377200.77	1152.43	1157.07	4.64	1152.43	3.89	1153.18
SBW-8	1527407.42	2377436.17	1154.07	1159.34	4.84	1154.50	4.44	1154.90
SBW-9	1527368.08	2377474.02	1155.16	1159.96	5.14	1154.82	4.83	1155.13
SBW-10	1527324.05	2377522.75	1156.22	1160.88	5.29	1155.59	5.03	1155.85

Notes:

Elevations expressed in untis of feet above mean sea level, datum NGVD, 1988

Northing and Easting coordinates in Georgia State Plane coordinate system

MW-25DRX is an artesian well that flows when uncapped. On 7/3/03 and 6/6/05, site conditions permitted attachment of a riser to measure artesian head.

* Water level below biotrap.

Summary of Table 4-2(b)
Potentiometric Data: 2009
Avery Dennison Site
Flowery Branch, Georgia

Structure	Northing	Easting	Elevation	Elevation	6/2/2009		10/13/2009	
Name	Feet	Feet	Ground	Structure	Depth	Elev.	Depth	Elev.
SW Stage at SBW-1	1528328.68	2376630.52	1147.21	1151.41	4.55	1146.86	4.32	1147.09
SW Stage at SBW-2	1528272.47	2376678.96	1147.07	1151.56	4.57	1146.99	4.13	1147.43
SW Stage at SBW-3	1528169.16	2376739.70	1147.26	1152.61	5.09	1147.52	4.68	1147.93
SW Stage at SBW-4	1528098.61	2376796.17	1147.42	1152.50	4.76	1147.74	4.45	1148.05
SW Stage at SBW-5	1528019.60	2376764.18	1148.34	1153.16	4.78	1148.38	4.42	1148.74
SW Stage at SBW-6	1527694.74	2377111.54	1151.81	1156.74	-	-	-	-
SW Stage at SBW-7	1527626.06	2377200.77	1152.43	1157.07	4.85	1152.22	4.48	1152.59
SW Stage at SBW-8	1527407.42	2377436.17	1154.07	1159.34	4.97	1154.37	4.73	1154.61
SW Stage at SBW-9	1527368.08	2377474.02	1155.16	1159.96	5.05	1154.91	4.91	1155.05
SW Stage at SBW-10	1527324.05	2377522.75	1156.22	1160.88	5.34	1155.54	5.10	1155.78

Notes:

Elevations expressed in untis of feet above mean sea level, datum NGVD, 1988

Northing and Easting coordinates in Georgia State Plane coordinate system

MW-25DRX is an artesian well that flows when uncapped. On 7/3/03 and 6/6/05, site conditions permitted attachment of a riser to measure artesian head.

* Water level below biotrap.

Table 4-3(a)
Vertical Hydraulic Gradients: June and July 2005
Avery Dennison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference	Screen Depth		Screen Elevation		Screen Mid-Point	6/6/2005				7/27/2005			
		Elevation	Top	Bottom	Top	Bottom	Elevation	Depth	Elev.	V. Grad	Direction	Depth	Elev.	V. Grad	Direction
MW-41	Unconsolidated Dep.	1173.81	27.5	37.5	1143.16	1133.16	1138.16	8.00	1165.81	-0.11	DOWN	7.48	1166.33	-0.11	DOWN
BR-12	Deep Bedrock	1173.73	58.1	72.7	1112.78	1098.18	1105.48	11.39	1162.34	-	-	10.86	1162.87	-	-
MW-13	Unconsolidated Dep.	1178.09	5.0	20.0	1173.11	1158.11	1165.61	11.85	1166.24	-0.05	DOWN	11.37	1166.72	-0.02	DOWN
BR-1S	Shallow Bedrock	1181.08	28.7	38.3	1149.48	1139.88	1144.68	15.85	1165.23	-0.08	DOWN	14.88	1166.20	-0.09	DOWN
BR-1D	Deep Bedrock	1181.00	70.6	80.2	1107.46	1097.86	1102.66	18.92	1162.08	-	-	18.41	1162.59	-	-
MW-44S	Weathered Bedrock	1173.35	14.4	24.3	1159.52	1149.62	1154.57	-	-	-	-	-	-	-	-
MW-44D	Weathered Bedrock	1173.77	34.4	44.3	1139.65	1129.75	1134.70	-	-	-	-	-	-	-	-
BR-14	Deep Bedrock	1173.65	69.7	79.6	1104.28	1094.38	1099.33	-	-	-	-	-	-	-	-
MW-43S	Weathered Bedrock	1173.34	14.7	24.6	1158.97	1149.07	1154.02	-	-	-	-	-	-	-	-
MW-43D	Weathered Bedrock	1173.41	42.5	52.4	1131.21	1121.31	1126.26	-	-	-	-	-	-	-	-
BR-13	Shallow Bedrock	1173.30	64.7	74.6	1108.97	1099.07	1104.02	-	-	-	-	-	-	-	-
MW-39S	Unconsolidated Dep.	1172.20	14.0	24.0	1158.53	1148.53	1153.53	6.12	1166.08	0.02	UP	4.46	1167.74	-0.02	DOWN
MW-39D	Unconsolidated Dep.	1172.09	36.4	46.4	1136.04	1126.04	1131.04	5.60	1166.49	-0.08	DOWN	4.73	1167.36	-0.06	DOWN
BR-2	Deep Bedrock	1172.39	85.3	94.8	1087.42	1077.92	1082.67	9.60	1162.79	-	-	7.89	1164.50	-	-
MW-40D	Weathered Bedrock	1174.08	40.0	50.0	1131.10	1121.10	1126.10	9.35	1164.73	-0.45	DOWN	9.12	1164.96	0.00	NEUTRAL
BR-3	Deep Bedrock	1174.56	85.6	95.2	1085.89	1076.29	1081.09	29.96	1144.60	-	-	9.66	1164.90	-	-
MW-12	Unconsolidated Dep.	1170.70	5.0	20.0	1165.69	1150.69	1158.19	12.02	1158.68	-	-	11.66	1159.04	-	-
MW-46I	Weathered Bedrock	1169.56	20.3	30.0	1149.59	1139.89	1144.74	-	-	-	-	-	-	-	-
MW-46D	Weathered Bedrock	1169.67	34.8	44.5	1135.11	1125.41	1130.26	-	-	-	-	-	-	-	-
BR-17	Shallow Bedrock	1169.47	62.2	71.9	1107.57	1097.87	1102.72	-	-	-	-	-	-	-	-
MW-36S	Unconsolidated Dep.	1172.59	11.0	21.0	1158.44	1148.44	1153.44	16.86	1155.73	-0.04	DOWN	16.55	1156.04	-0.03	DOWN
MW-36D	Weathered Bedrock	1172.49	31.5	41.5	1137.64	1127.64	1132.64	17.63	1154.86	-	-	17.12	1155.37	-	-
MW-58S	Unconsolidated Dep.	1166.12	9.9	19.4	1153.79	1144.29	1149.04	-	-	-	-	-	-	-	-
MW-58D	Weathered Bedrock	1166.17	22.4	32.2	1141.39	1131.59	1136.49	-	-	-	-	-	-	-	-
MW-56D	Weathered Bedrock	1167.18	30.3	39.9	1133.98	1124.38	1129.18	-	-	-	-	-	-	-	-
BR-19	Deep Bedrock	1167.05	73.6	83.3	1090.50	1080.80	1085.65	-	-	-	-	-	-	-	-
MW-8	Unconsolidated Dep.	1162.24	4.0	14.0	1155.96	1145.96	1150.96	8.88	1153.36	-	-	8.67	1153.57	-	-
MW-57I	Weathered Bedrock	1162.39	19.9	29.6	1139.84	1130.14	1134.99	-	-	-	-	-	-	-	-
MW-57D	Weathered Bedrock	1162.26	34.4	44.1	1125.37	1115.67	1120.52	-	-	-	-	-	-	-	-
MW-59I	Weathered Bedrock	1159.42	15.1	24.9	1141.56	1131.76	1136.66	-	-	-	-	-	-	-	-
MW-59D	Weathered Bedrock	1159.81	34.8	44.3	1122.13	1112.63	1117.38	-	-	-	-	-	-	-	-
MW-37	Unconsolidated Dep.	1161.90	9.5	19.5	1149.67	1139.67	1144.67	10.15	1151.75	-	-	10.28	1151.62	-	-
MW-60D	Weathered Bedrock	1161.72	39.2	48.5	1120.02	1110.72	1115.37	-	-	-	-	-	-	-	-
MW-19S	Unconsolidated Dep.	1155.38	3.0	12.0	1149.85	1140.85	1145.35	6.01	1149.37	-0.02	DOWN	6.17	1149.21	-0.02	DOWN
MW-52D	Weathered Bedrock	1155.74	13.9	23.5	1138.99	1129.39	1134.19	-	-	-	-	-	-	-	-
MW-19D	Shallow Bedrock	1154.99	28.0	37.0	1124.69	1115.69	1120.19	6.23	1148.76	0.00	NEUTRAL	6.37	1148.62	0.00	NEUTRAL
BR-5	Deep Bedrock	1156.00	55.6	65.2	1097.41	1087.81	1092.61	7.24	1148.76	-	-	7.29	1148.71	-	-

Table 4-3(a)
Vertical Hydraulic Gradients: June and July 2005
Avery Dennison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference	Screen Depth		Screen Elevation		Screen Mid-Point	6/6/2005				7/27/2005			
		Elevation	Top	Bottom	Top	Bottom	Elevation	Depth	Elev.	V. Grad	Direction	Depth	Elev.	V. Grad	Direction
MW-18S	Unconsolidated Dep.	1158.17	3.0	12.0	1152.58	1143.58	1148.08	7.12	1151.05	-0.02	DOWN	7.33	1150.84	-0.02	DOWN
MW-50D	Weathered Bedrock	1157.78	32.1	41.5	1123.01	1113.61	1118.31	-	-	-	-	-	-	-	-
MW-18D	Shallow Bedrock	1158.25	46.5	55.5	1109.02	1100.02	1104.52	8.21	1150.04	-0.04	DOWN	8.33	1149.92	-0.02	DOWN
BR-6	Deep Bedrock	1158.35	95.7	105.3	1059.69	1050.09	1054.89	10.32	1148.03	-	-	9.54	1148.81	-	-
MW-20S	Unconsolidated Dep.	1154.42	4.0	13.0	1146.95	1137.95	1142.45	6.46	1147.96	-0.02	DOWN	6.46	1147.96	-0.02	DOWN
MW-20D	Shallow Bedrock	1153.59	38.0	47.0	1112.72	1103.72	1108.22	6.37	1147.22	-0.02	DOWN	6.34	1147.25	0.01	UP
BR-7	Deep Bedrock	1151.88	98.4	113.4	1050.71	1035.71	1043.21	5.66	1146.22	-	-	4.20	1147.68	-	-
SBW-3	Unconsolidated Dep.	1152.61	1.2	2.2	1146.11	1145.11	1145.61	-	-	-	-	4.93	1147.68	0.23	UP
MW-27S	Unconsolidated Dep.	1152.77	2.8	11.7	1147.35	1138.45	1142.90	4.39	1148.38	0.01	UP	4.48	1148.29	0.01	UP
MW-27D	Shallow Bedrock	1152.91	22.8	31.7	1127.52	1118.62	1123.07	4.25	1148.66	-	-	4.41	1148.50	-	-
MW-26S	Unconsolidated Dep.	1154.12	1.3	10.2	1150.60	1141.70	1146.15	4.69	1149.43	-0.01	DOWN	4.83	1149.29	0.00	NEUTRAL
MW-26D	Shallow Bedrock	1153.92	36.7	45.6	1114.99	1106.09	1110.54	4.92	1149.00	-	-	4.58	1149.34	-	-
MW-W	Unconsolidated Dep.	1156.55	NA	NA	NA	NA	NA	5.62	1150.93	NA	UP	5.85	1150.70	NA	UP
MW-25D	Shallow Bedrock	1156.58	42.5	51.4	1111.70	1102.80	1107.25	5.75	1150.83	0.16	UP	3.92	1152.66	>0.09	UP
MW-25DRX	Deep Bedrock	1156.57	87.0	96.0	1067.08	1058.08	1062.58	-1.27	1157.84	-	-	flowing	> 1156.57	-	-
MW-28	Unconsolidated Dep.	1152.21	0.5	9.4	1149.21	1140.31	1144.76	3.92	1148.29	-0.04	DOWN	4.47	1147.74	0.01	UP
BR-8S	Shallow Bedrock	1152.52	15.2	24.8	1134.40	1124.80	1129.60	4.92	1147.60	-0.02	DOWN	4.53	1147.99	-0.52	DOWN
BR-8D	Deep Bedrock	1152.60	50.7	60.3	1099.14	1089.54	1094.34	5.83	1146.77	-	-	22.87	1129.73	-	-
MW-45S	Unconsolidated Dep.	1168.15	13.6	23.3	1154.85	1145.15	1150.00	-	-	-	-	-	-	-	-
MW-45D	Weathered Bedrock	1167.88	51.8	61.2	1116.57	1107.17	1111.87	-	-	-	-	-	-	-	-
BR-15	Deep Bedrock	1168.27	84.8	94.1	1083.71	1074.41	1079.06	-	-	-	-	-	-	-	-
MW-47S	Unconsolidated Dep.	1169.51	13.6	22.8	1156.21	1147.01	1151.61	-	-	-	-	-	-	-	-
MW-47D	Weathered Bedrock	1169.34	29.7	39.4	1140.01	1130.31	1135.16	-	-	-	-	-	-	-	-
BR-4S	Shallow Bedrock	1169.48	40.6	50.2	1129.25	1119.65	1124.45	14.27	1155.21	0.01	UP	14.28	1155.20	0.01	UP
BR-4D	Deep Bedrock	1169.58	80.3	99.9	1089.49	1069.89	1079.69	13.90	1155.68	-	-	14.08	1155.50	-	-
MW-48S	Unconsolidated Dep.	1169.79	13.4	22.9	1156.65	1147.15	1151.90	-	-	-	-	-	-	-	-
MW-48D	Weathered Bedrock	1169.73	23.9	33.4	1146.17	1136.67	1141.42	-	-	-	-	-	-	-	-
MW-14	Unconsolidated Dep.	1159.35	5.0	10.0	1151.47	1146.47	1148.97	6.46	1152.89	-	-	6.68	1152.67	-	-
MW-49D	Weathered Bedrock	1159.21	30.7	40.2	1126.02	1116.52	1121.27	-	-	-	-	-	-	-	-
BR-16	Deep Bedrock	1159.30	74.9	84.7	1081.70	1071.90	1076.80	-	-	-	-	-	-	-	-
MW-16S	Unconsolidated Dep.	1161.19	3.0	12.0	1155.37	1146.37	1150.87	6.54	1154.65	-0.04	DOWN	6.82	1154.37	-0.02	DOWN
MW-16D	Shallow Bedrock	1160.50	22.0	31.0	1136.37	1127.37	1131.87	6.71	1153.79	0.02	UP	6.65	1153.85	0.02	UP
BR-11	Deep Bedrock	1161.08	61.4	71.0	1097.19	1087.59	1092.39	6.54	1154.54	-	-	6.60	1154.48	-	-
BR-10S	Shallow Bedrock	1158.32	35.2	44.8	1120.52	1110.92	1115.72	4.01	1154.31	-2.01	DOWN	0.09	1158.23	-1.32	DOWN
BR-10D	Deep Bedrock	1159.07	65.5	75.1	1090.80	1081.20	1086.00	64.39	1094.68	-	-	40.08	1118.99	-	-
MW-15S	Unconsolidated Dep.	1176.20	7.5	16.5	1165.52	1156.52	1161.02	14.93	1161.27	0.02	UP	14.35	1161.85	0.01	UP
MW-15D	Shallow Bedrock	1175.13	62.5	71.5	1109.98	1100.98	1105.48	12.92	1162.21	-	-	12.84	1162.29	-	-
BR-9S	Shallow Bedrock	1153.51	18.5	28.1	1132.09	1122.49	1127.29	4.34	1149.17	-0.50	DOWN	4.57	1148.94	>0.09	UP
BR-9D	Deep Bedrock	1153.02	61.6	71.2	1088.85	1079.25	1084.05	25.65	1127.37	-	-	flowing	> 1153.02	-	-

Table 4-3(b)
Vertical Hydraulic Gradients: June and October 2006
Avery Dennison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference	Screen Depth		Screen Elevation		Screen Mid-Point	6/16/2006				10/3/2006			
		Elevation	Top	Bottom	Top	Bottom	Elevation	Depth	Elev.	V. Grad	Direction	Depth	Elev.	V. Grad	Direction
MW-41	Unconsolidated Dep.	1173.81	27.5	37.5	1143.16	1133.16	1138.16	10.30	1163.51	-0.09	DOWN	11.98	1161.83	-0.09	DOWN
BR-12	Deep Bedrock	1173.73	58.1	72.7	1112.78	1098.18	1105.48	13.23	1160.50	-	-	14.82	1158.91	-	-
MW-13	Unconsolidated Dep.	1178.09	5.0	20.0	1173.11	1158.11	1165.61	14.25	1163.84	0.02	UP	15.32	1162.77	-0.01	DOWN
BR-1S	Shallow Bedrock	1181.08	28.7	38.3	1149.48	1139.88	1144.68	16.83	1164.25	-0.08	DOWN	18.51	1162.57	-0.07	DOWN
BR-1D	Deep Bedrock	1181.00	70.6	80.2	1107.46	1097.86	1102.66	20.11	1160.89	-	-	21.38	1159.62	-	-
MW-44S	Weathered Bedrock	1173.35	14.4	24.3	1159.52	1149.62	1154.57	-	-	-	-	-	-	-	-
MW-44D	Weathered Bedrock	1173.77	34.4	44.3	1139.65	1129.75	1134.70	-	-	-	-	-	-	-	-
BR-14	Deep Bedrock	1173.65	69.7	79.6	1104.28	1094.38	1099.33	-	-	-	-	-	-	-	-
MW-43S	Weathered Bedrock	1173.34	14.7	24.6	1158.97	1149.07	1154.02	-	-	-	-	-	-	-	-
MW-43D	Weathered Bedrock	1173.41	42.5	52.4	1131.21	1121.31	1126.26	-	-	-	-	-	-	-	-
BR-13	Shallow Bedrock	1173.30	64.7	74.6	1108.97	1099.07	1104.02	-	-	-	-	-	-	-	-
MW-39S	Unconsolidated Dep.	1172.20	14.0	24.0	1158.53	1148.53	1153.53	6.59	1165.61	-0.01	DOWN	7.62	1164.58	-0.01	DOWN
MW-39D	Unconsolidated Dep.	1172.09	36.4	46.4	1136.04	1126.04	1131.04	6.75	1165.34	0.01	UP	7.68	1164.41	-0.05	DOWN
BR-2	Deep Bedrock	1172.39	85.3	94.8	1087.42	1077.92	1082.67	6.43	1165.96	-	-	10.55	1161.84	-	-
MW-40D	Weathered Bedrock	1174.08	40.0	50.0	1131.10	1121.10	1126.10	10.65	1163.43	0.02	UP	10.56	1163.52	-0.01	DOWN
BR-3	Deep Bedrock	1174.56	85.6	95.2	1085.89	1076.29	1081.09	10.41	1164.15	-	-	11.34	1163.22	-	-
MW-12	Unconsolidated Dep.	1170.70	5.0	20.0	1165.69	1150.69	1158.19	13.17	1157.53	-	-	14.03	1156.67	-	-
MW-46I	Weathered Bedrock	1169.56	20.3	30.0	1149.59	1139.89	1144.74	-	-	-	-	-	-	-	-
MW-46D	Weathered Bedrock	1169.67	34.8	44.5	1135.11	1125.41	1130.26	-	-	-	-	-	-	-	-
BR-17	Shallow Bedrock	1169.47	62.2	71.9	1107.57	1097.87	1102.72	-	-	-	-	-	-	-	-
MW-36S	Unconsolidated Dep.	1172.59	11.0	21.0	1158.44	1148.44	1153.44	18.71	1153.88	-0.02	DOWN	19.25	1153.34	-0.02	DOWN
MW-36D	Weathered Bedrock	1172.49	31.5	41.5	1137.64	1127.64	1132.64	19.03	1153.46	-	-	19.48	1153.01	-	-
MW-58S	Unconsolidated Dep.	1166.12	9.9	19.4	1153.79	1144.29	1149.04	-	-	-	-	-	-	-	-
MW-58D	Weathered Bedrock	1166.17	22.4	32.2	1141.39	1131.59	1136.49	-	-	-	-	-	-	-	-
MW-56D	Weathered Bedrock	1167.18	30.3	39.9	1133.98	1124.38	1129.18	-	-	-	-	-	-	-	-
BR-19	Deep Bedrock	1167.05	73.6	83.3	1090.50	1080.80	1085.65	-	-	-	-	-	-	-	-
MW-8	Unconsolidated Dep.	1162.24	4.0	14.0	1155.96	1145.96	1150.96	10.50	1151.74	-	-	10.72	1151.52	-	-
MW-57I	Weathered Bedrock	1162.39	19.9	29.6	1139.84	1130.14	1134.99	-	-	-	-	-	-	-	-
MW-57D	Weathered Bedrock	1162.26	34.4	44.1	1125.37	1115.67	1120.52	-	-	-	-	-	-	-	-
MW-59I	Weathered Bedrock	1159.42	15.1	24.9	1141.56	1131.76	1136.66	-	-	-	-	-	-	-	-
MW-59D	Weathered Bedrock	1159.81	34.8	44.3	1122.13	1112.63	1117.38	-	-	-	-	-	-	-	-
MW-37	Unconsolidated Dep.	1161.90	9.5	19.5	1149.67	1139.67	1144.67	11.66	1150.24	-	-	-	-	-	-
MW-60D	Weathered Bedrock	1161.72	39.2	48.5	1120.02	1110.72	1115.37	-	-	-	-	-	-	-	-
MW-19S	Unconsolidated Dep.	1155.38	3.0	12.0	1149.85	1140.85	1145.35	6.79	1148.59	-0.01	DOWN	6.80	1148.58	-0.01	DOWN
MW-52D	Weathered Bedrock	1155.74	13.9	23.5	1138.99	1129.39	1134.19	-	-	-	-	-	-	-	-
MW-19D	Shallow Bedrock	1154.99	28.0	37.0	1124.69	1115.69	1120.19	6.73	1148.26	0.00	NEUTRAL	6.77	1148.22	0.00	NEUTRAL
BR-5	Deep Bedrock	1156.00	55.6	65.2	1097.41	1087.81	1092.61	7.83	1148.17	-	-	7.90	1148.10	-	-
MW-18S	Unconsolidated Dep.	1158.17	3.0	12.0	1152.58	1143.58	1148.08	8.14	1150.03	-0.01	DOWN	7.95	1150.22	-0.01	DOWN
MW-50D	Weathered Bedrock	1157.78	32.1	41.5	1123.01	1113.61	1118.31	-	-	-	-	-	-	-	-
MW-18D	Shallow Bedrock	1158.25	46.5	55.5	1109.02	1100.02	1104.52	8.78	1149.47	-0.02	DOWN	8.63	1149.62	-0.02	DOWN
BR-6	Deep Bedrock	1158.35	95.7	105.3	1059.69	1050.09	1054.89	9.96	1148.39	-	-	9.97	1148.38	-	-

Table 4-3(b)
Vertical Hydraulic Gradients: June and October 2006
Avery Dennison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference	Screen Depth		Screen Elevation		Screen Mid-Point	6/16/2006				10/3/2006			
		Elevation	Top	Bottom	Top	Bottom	Elevation	Depth	Elev.	V. Grad	Direction	Depth	Elev.	V. Grad	Direction
MW-20S	Unconsolidated Dep.	1154.42	4.0	13.0	1146.95	1137.95	1142.45	7.36	1147.06	-0.01	DOWN	7.06	1147.36	-0.01	DOWN
MW-20D	Shallow Bedrock	1153.59	38.0	47.0	1112.72	1103.72	1108.22	6.88	1146.71	0.01	UP	6.68	1146.91	0.00	NEUTRAL
BR-7	Deep Bedrock	1151.88	98.4	113.4	1050.71	1035.71	1043.21	4.72	1147.16	-	-	4.74	1147.14	-	-
SBW-3	Unconsolidated Dep.	1152.61	1.2	2.2	1146.11	1145.11	1145.61	5.05	1147.56	0.10	UP	5.02	1147.59	0.06	UP
MW-27S	Unconsolidated Dep.	1152.77	2.8	11.7	1147.35	1138.45	1142.90	4.93	1147.84	0.01	UP	5.03	1147.74	0.00	NEUTRAL
MW-27D	Shallow Bedrock	1152.91	22.8	31.7	1127.52	1118.62	1123.07	4.96	1147.95	-	-	5.19	1147.72	-	-
MW-26S	Unconsolidated Dep.	1154.12	1.3	10.2	1150.60	1141.70	1146.15	5.03	1149.09	0.00	NEUTRAL	4.96	1149.16	0.00	NEUTRAL
MW-26D	Shallow Bedrock	1153.92	36.7	45.6	1114.99	1106.09	1110.54	4.81	1149.11	-	-	4.78	1149.14	-	-
MW-W	Unconsolidated Dep.	1156.55	NA	NA	NA	NA	NA	6.25	1150.30	NA	UP	6.07	1150.48	NA	UP
MW-25D	Shallow Bedrock	1156.58	42.5	51.4	1111.70	1102.80	1107.25	4.44	1152.14	0.10	UP	4.82	1151.76	0.10	UP
MW-25DRX	Deep Bedrock	1156.57	87.0	96.0	1067.08	1058.08	1062.58	0.07	1156.50	-	-	0.30	1156.27	-	-
MW-28	Unconsolidated Dep.	1152.21	0.5	9.4	1149.21	1140.31	1144.76	5.38	1146.83	0.00	NEUTRAL	5.20	1147.01	0.00	NEUTRAL
BR-8S	Shallow Bedrock	1152.52	15.2	24.8	1134.40	1124.80	1129.60	5.67	1146.85	0.03	UP	5.47	1147.05	-0.03	DOWN
BR-8D	Deep Bedrock	1152.60	50.7	60.3	1099.14	1089.54	1094.34	4.80	1147.80	-	-	6.60	1146.00	-	-
MW-45S	Unconsolidated Dep.	1168.15	13.6	23.3	1154.85	1145.15	1150.00	-	-	-	-	-	-	-	-
MW-45D	Weathered Bedrock	1167.88	51.8	61.2	1116.57	1107.17	1111.87	-	-	-	-	-	-	-	-
BR-15	Deep Bedrock	1168.27	84.8	94.1	1083.71	1074.41	1079.06	-	-	-	-	-	-	-	-
MW-47S	Unconsolidated Dep.	1169.51	13.6	22.8	1156.21	1147.01	1151.61	-	-	-	-	-	-	-	-
MW-47D	Weathered Bedrock	1169.34	29.7	39.4	1140.01	1130.31	1135.16	-	-	-	-	-	-	-	-
BR-4S	Shallow Bedrock	1169.48	40.6	50.2	1129.25	1119.65	1124.45	14.62	1154.86	0.01	UP	14.68	1154.80	0.01	UP
BR-4D	Deep Bedrock	1169.58	80.3	99.9	1089.49	1069.89	1079.69	14.27	1155.31	-	-	14.52	1155.06	-	-
MW-48S	Unconsolidated Dep.	1169.79	13.4	22.9	1156.65	1147.15	1151.90	-	-	-	-	-	-	-	-
MW-48D	Weathered Bedrock	1169.73	23.9	33.4	1146.17	1136.67	1141.42	-	-	-	-	-	-	-	-
MW-14	Unconsolidated Dep.	1159.35	5.0	10.0	1151.47	1146.47	1148.97	7.18	1152.17	-	-	7.06	1152.29	-	-
MW-49D	Weathered Bedrock	1159.21	30.7	40.2	1126.02	1116.52	1121.27	-	-	-	-	-	-	-	-
BR-16	Deep Bedrock	1159.30	74.9	84.7	1081.70	1071.90	1076.80	-	-	-	-	-	-	-	-
MW-16S	Unconsolidated Dep.	1161.19	3.0	12.0	1155.37	1146.37	1150.87	7.55	1153.64	-0.04	DOWN	14.68	1146.51	0.44	UP
MW-16D	Shallow Bedrock	1160.50	22.0	31.0	1136.37	1127.37	1131.87	7.75	1152.75	0.02	UP	7.60	1152.90	0.02	UP
BR-11	Deep Bedrock	1161.08	61.4	71.0	1097.19	1087.59	1092.39	7.63	1153.45	-	-	7.50	1153.58	-	-
BR-10S	Shallow Bedrock	1158.32	35.2	44.8	1120.52	1110.92	1115.72	1.39	1156.93	0.02	UP	1.73	1156.59	-0.56	DOWN
BR-10D	Deep Bedrock	1159.07	65.5	75.1	1090.80	1081.20	1086.00	1.58	1157.49	-	-	19.08	1139.99	-	-
MW-15S	Unconsolidated Dep.	1176.20	7.5	16.5	1165.52	1156.52	1161.02	15.48	1160.72	0.01	UP	15.70	1160.50	0.00	NEUTRAL
MW-15D	Shallow Bedrock	1175.13	62.5	71.5	1109.98	1100.98	1105.48	13.76	1161.37	-	-	14.68	1160.45	-	-
BR-9S	Shallow Bedrock	1153.51	18.5	28.1	1132.09	1122.49	1127.29	5.32	1148.19	0.11	UP	5.72	1147.79	0.12	UP
BR-9D	Deep Bedrock	1153.02	61.6	71.2	1088.85	1079.25	1084.05	0.09	1152.93	-	-	0.15	1152.87	-	-

Table 4-3(c)
Vertical Hydraulic Gradients: February and May 2007
Avery Dennison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference Elevation	Screen Depth		Screen Elevation		Screen Mid-Point Elevation	2/16/2007				5/14/2007			
			Top	Bottom	Top	Bottom		Depth	Elev.	V. Grad	Direction	Depth	Elev.	V. Grad	Direction
MW-41	Unconsolidated Dep.	1173.81	27.5	37.5	1143.16	1133.16	1138.16	8.32	1165.49	-0.12	DOWN	9.95	1163.86	-0.09	DOWN
BR-12	Deep Bedrock	1173.73	58.1	72.7	1112.78	1098.18	1105.48	12.03	1161.70	-	-	12.90	1160.83	-	-
MW-13	Unconsolidated Dep.	1178.09	5.0	20.0	1173.11	1158.11	1165.61	11.46	1166.63	0.00	NEUTRAL	13.52	1164.57	0.03	UP
BR-1S	Shallow Bedrock	1181.08	28.7	38.3	1149.48	1139.88	1144.68	14.52	1166.56	-0.11	DOWN	16.00	1165.08	-0.09	DOWN
BR-1D	Deep Bedrock	1181.00	70.6	80.2	1107.46	1097.86	1102.66	19.12	1161.88	-	-	19.87	1161.13	-	-
MW-44S	Weathered Bedrock	1173.35	14.4	24.3	1159.52	1149.62	1154.57	-	-	-	-	-	-	-	-
MW-44D	Weathered Bedrock	1173.77	34.4	44.3	1139.65	1129.75	1134.70	-	-	-	-	-	-	-	-
BR-14	Deep Bedrock	1173.65	69.7	79.6	1104.28	1094.38	1099.33	-	-	-	-	-	-	-	-
MW-43S	Weathered Bedrock	1173.34	14.7	24.6	1158.97	1149.07	1154.02	-	-	-	-	-	-	-	-
MW-43D	Weathered Bedrock	1173.41	42.5	52.4	1131.21	1121.31	1126.26	-	-	-	-	-	-	-	-
BR-13	Shallow Bedrock	1173.30	64.7	74.6	1108.97	1099.07	1104.02	-	-	-	-	-	-	-	-
MW-39S	Unconsolidated Dep.	1172.20	14.0	24.0	1158.53	1148.53	1153.53	4.95	1167.25	-0.02	DOWN	6.14	1166.06	-0.01	DOWN
MW-39D	Unconsolidated Dep.	1172.09	36.4	46.4	1136.04	1126.04	1131.04	5.24	1166.85	-0.06	DOWN	6.28	1165.81	-0.05	DOWN
BR-2	Deep Bedrock	1172.39	85.3	94.8	1087.42	1077.92	1082.67	8.58	1163.81	-	-	8.98	1163.41	-	-
MW-40D	Weathered Bedrock	1174.08	40.0	50.0	1131.10	1121.10	1126.10	8.36	1165.72	-0.01	DOWN	9.26	1164.82	0.00	NEUTRAL
BR-3	Deep Bedrock	1174.56	85.6	95.2	1085.89	1076.29	1081.09	9.48	1165.08	-	-	9.70	1164.86	-	-
MW-12	Unconsolidated Dep.	1170.70	5.0	20.0	1165.69	1150.69	1158.19	11.98	1158.72	-	-	12.83	1157.87	-	-
MW-46I	Weathered Bedrock	1169.56	20.3	30.0	1149.59	1139.89	1144.74	-	-	-	-	-	-	-	-
MW-46D	Weathered Bedrock	1169.67	34.8	44.5	1135.11	1125.41	1130.26	-	-	-	-	-	-	-	-
BR-17	Shallow Bedrock	1169.47	62.2	71.9	1107.57	1097.87	1102.72	-	-	-	-	-	-	-	-
MW-36S	Unconsolidated Dep.	1172.59	11.0	21.0	1158.44	1148.44	1153.44	17.26	1155.33	-0.02	DOWN	18.31	1154.28	-0.02	DOWN
MW-36D	Weathered Bedrock	1172.49	31.5	41.5	1137.64	1127.64	1132.64	17.61	1154.88	-	-	18.58	1153.91	-	-
MW-58S	Unconsolidated Dep.	1166.12	9.9	19.4	1153.79	1144.29	1149.04	-	-	-	-	-	-	-	-
MW-58D	Weathered Bedrock	1166.17	22.4	32.2	1141.39	1131.59	1136.49	-	-	-	-	-	-	-	-
MW-56D	Weathered Bedrock	1167.18	30.3	39.9	1133.98	1124.38	1129.18	-	-	-	-	-	-	-	-
BR-19	Deep Bedrock	1167.05	73.6	83.3	1090.50	1080.80	1085.65	-	-	-	-	-	-	-	-
MW-8	Unconsolidated Dep.	1162.24	4.0	14.0	1155.96	1145.96	1150.96	8.87	1153.37	-	-	9.83	1152.41	-	-
MW-57I	Weathered Bedrock	1162.39	19.9	29.6	1139.84	1130.14	1134.99	-	-	-	-	-	-	-	-
MW-57D	Weathered Bedrock	1162.26	34.4	44.1	1125.37	1115.67	1120.52	-	-	-	-	-	-	-	-
MW-59I	Weathered Bedrock	1159.42	15.1	24.9	1141.56	1131.76	1136.66	-	-	-	-	-	-	-	-
MW-59D	Weathered Bedrock	1159.81	34.8	44.3	1122.13	1112.63	1117.38	-	-	-	-	-	-	-	-
MW-37	Unconsolidated Dep.	1161.90	9.5	19.5	1149.67	1139.67	1144.67	9.91	1151.99	-	-	11.14	1150.76	-	-
MW-60D	Weathered Bedrock	1161.72	39.2	48.5	1120.02	1110.72	1115.37	-	-	-	-	-	-	-	-
MW-19S	Unconsolidated Dep.	1155.38	3.0	12.0	1149.85	1140.85	1145.35	6.14	1149.24	-0.02	DOWN	6.68	1148.70	-0.01	DOWN
MW-52D	Weathered Bedrock	1155.74	13.9	23.5	1138.99	1129.39	1134.19	-	-	-	-	-	-	-	-
MW-19D	Shallow Bedrock	1154.99	28.0	37.0	1124.69	1115.69	1120.19	6.28	1148.71	0.00	NEUTRAL	6.46	1148.53	0.00	NEUTRAL
BR-5	Deep Bedrock	1156.00	55.6	65.2	1097.41	1087.81	1092.61	7.27	1148.73	-	-	7.59	1148.41	-	-
MW-18S	Unconsolidated Dep.	1158.17	3.0	12.0	1152.58	1143.58	1148.08	6.86	1151.31	-0.02	DOWN	7.83	1150.34	-0.01	DOWN
MW-50D	Weathered Bedrock	1157.78	32.1	41.5	1123.01	1113.61	1118.31	-	-	-	-	-	-	-	-
MW-18D	Shallow Bedrock	1158.25	46.5	55.5	1109.02	1100.02	1104.52	8.04	1150.21	-0.03	DOWN	8.53	1149.72	-0.02	DOWN
BR-6	Deep Bedrock	1158.35	95.7	105.3	1059.69	1050.09	1054.89	9.47	1148.88	-	-	9.72	1148.63	-	-

Table 4-3(c)
Vertical Hydraulic Gradients: February and May 2007
Avery Dennison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference Elevation	Screen Depth		Screen Elevation		Screen Mid-Point Elevation	2/16/2007				5/14/2007			
			Top	Bottom	Top	Bottom		Depth	Elev.	V. Grad	Direction	Depth	Elev.	V. Grad	Direction
MW-20S	Unconsolidated Dep.	1154.42	4.0	13.0	1146.95	1137.95	1142.45	5.84	1148.58	-0.02	DOWN	6.90	1147.52	-0.01	DOWN
MW-20D	Shallow Bedrock	1153.59	38.0	47.0	1112.72	1103.72	1108.22	5.59	1148.00	0.01	UP	6.44	1147.15	0.01	UP
BR-7	Deep Bedrock	1151.88	98.4	113.4	1050.71	1035.71	1043.21	3.38	1148.50	-	-	4.32	1147.56	-	-
SBW-3	Unconsolidated Dep.	1152.61	1.2	2.2	1146.11	1145.11	1145.61	4.84	1147.77	0.18	UP	4.93	1147.68	0.10	UP
MW-27S	Unconsolidated Dep.	1152.77	2.8	11.7	1147.35	1138.45	1142.90	4.51	1148.26	0.01	UP	4.83	1147.94	0.00	NEUTRAL
MW-27D	Shallow Bedrock	1152.91	22.8	31.7	1127.52	1118.62	1123.07	4.54	1148.37	-	-	4.88	1148.03	-	-
MW-26S	Unconsolidated Dep.	1154.12	1.3	10.2	1150.60	1141.70	1146.15	4.74	1149.38	0.00	NEUTRAL	4.95	1149.17	0.00	NEUTRAL
MW-26D	Shallow Bedrock	1153.92	36.7	45.6	1114.99	1106.09	1110.54	4.53	1149.39	-	-	4.73	1149.19	-	-
MW-W	Unconsolidated Dep.	1156.55	NA	NA	NA	NA	NA	5.45	1151.10	NA	UP	5.97	1150.58	NA	UP
MW-25D	Shallow Bedrock	1156.58	42.5	51.4	1111.70	1102.80	1107.25	4.01	1152.57	>0.09	UP	4.30	1152.28	>0.10	UP
MW-25DRX	Deep Bedrock	1156.57	87.0	96.0	1067.08	1058.08	1062.58	flowing	>1156.57	-	-	flowing	>1156.57	-	-
MW-28	Unconsolidated Dep.	1152.21	0.5	9.4	1149.21	1140.31	1144.76	3.90	1148.31	0.00	NEUTRAL	5.03	1147.18	0.00	NEUTRAL
BR-8S	Shallow Bedrock	1152.52	15.2	24.8	1134.40	1124.80	1129.60	4.17	1148.35	-0.03	DOWN	5.30	1147.22	-0.02	DOWN
BR-8D	Deep Bedrock	1152.60	50.7	60.3	1099.14	1089.54	1094.34	5.27	1147.33	-	-	6.20	1146.40	-	-
MW-45S	Unconsolidated Dep.	1168.15	13.6	23.3	1154.85	1145.15	1150.00	-	-	-	-	-	-	-	-
MW-45D	Weathered Bedrock	1167.88	51.8	61.2	1116.57	1107.17	1111.87	-	-	-	-	-	-	-	-
BR-15	Deep Bedrock	1168.27	84.8	94.1	1083.71	1074.41	1079.06	-	-	-	-	-	-	-	-
MW-47S	Unconsolidated Dep.	1169.51	13.6	22.8	1156.21	1147.01	1151.61	-	-	-	-	-	-	-	-
MW-47D	Weathered Bedrock	1169.34	29.7	39.4	1140.01	1130.31	1135.16	-	-	-	-	-	-	-	-
BR-4S	Shallow Bedrock	1169.48	40.6	50.2	1129.25	1119.65	1124.45	14.23	1155.25	-0.01	DOWN	14.48	1155.00	0.01	UP
BR-4D	Deep Bedrock	1169.58	80.3	99.9	1089.49	1069.89	1079.69	14.64	1154.94	-	-	13.94	1155.64	-	-
MW-48S	Unconsolidated Dep.	1169.79	13.4	22.9	1156.65	1147.15	1151.90	-	-	-	-	-	-	-	-
MW-48D	Weathered Bedrock	1169.73	23.9	33.4	1146.17	1136.67	1141.42	-	-	-	-	-	-	-	-
MW-14	Unconsolidated Dep.	1159.35	5.0	10.0	1151.47	1146.47	1148.97	6.45	1152.90	-	-	6.90	1152.45	-	-
MW-49D	Weathered Bedrock	1159.21	30.7	40.2	1126.02	1116.52	1121.27	-	-	-	-	-	-	-	-
BR-16	Deep Bedrock	1159.30	74.9	84.7	1081.70	1071.90	1076.80	-	-	-	-	-	-	-	-
MW-16S	Unconsolidated Dep.	1161.19	3.0	12.0	1155.37	1146.37	1150.87	6.53	1154.66	-0.03	DOWN	7.13	1154.06	-0.03	DOWN
MW-16D	Shallow Bedrock	1160.50	22.0	31.0	1136.37	1127.37	1131.87	6.57	1153.93	0.02	UP	7.19	1153.31	0.02	UP
BR-11	Deep Bedrock	1161.08	61.4	71.0	1097.19	1087.59	1092.39	6.45	1154.63	-	-	7.09	1153.99	-	-
BR-10S	Shallow Bedrock	1158.32	35.2	44.8	1120.52	1110.92	1115.72	0.73	1157.59	-0.39	DOWN	1.12	1157.20	-0.60	DOWN
BR-10D	Deep Bedrock	1159.07	65.5	75.1	1090.80	1081.20	1086.00	13.05	1146.02	-	-	19.64	1139.43	-	-
MW-15S	Unconsolidated Dep.	1176.20	7.5	16.5	1165.52	1156.52	1161.02	14.63	1161.57	0.01	UP	14.52	1161.68	0.00	NEUTRAL
MW-15D	Shallow Bedrock	1175.13	62.5	71.5	1109.98	1100.98	1105.48	13.06	1162.07	-	-	13.25	1161.88	-	-
BR-9S	Shallow Bedrock	1153.51	18.5	28.1	1132.09	1122.49	1127.29	4.85	1148.66	0.10	UP	5.30	1148.21	>0.11	UP
BR-9D	Deep Bedrock	1153.02	61.6	71.2	1088.85	1079.25	1084.05	0.10	1152.92	-	-	flowing	> 1153.02	-	-

Table 4-3(d)
Vertical Hydraulic Gradients: October 2007
Avery Denison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference Elevation	Screen Depth		Screen Elevation		Screen Mid-Point Elevation	10/23/2007			
			Top	Bottom	Top	Bottom		Depth	Elev.	V. Grad	Direction
MW-41	Unconsolidated Dep.	1173.81	27.5	37.5	1143.16	1133.16	1138.16	-	-	-	-
BR-12	Deep Bedrock	1173.73	58.1	72.7	1112.78	1098.18	1105.48	-	-	-	-
MW-13	Unconsolidated Dep.	1178.09	5.0	20.0	1173.11	1158.11	1165.61	18.71	1159.38	0.02	UP
BR-1S	Shallow Bedrock	1181.08	28.7	38.3	1149.48	1139.88	1144.68	21.37	1159.71	-0.05	DOWN
BR-1D	Deep Bedrock	1181.00	70.6	80.2	1107.46	1097.86	1102.66	23.52	1157.48	-	-
MW-44S	Weathered Bedrock	1173.35	14.4	24.3	1159.52	1149.62	1154.57	11.54	1161.81	-0.01	DOWN
MW-44D	Weathered Bedrock	1173.77	34.4	44.3	1139.65	1129.75	1134.70	12.21	1161.56	-0.13	DOWN
BR-14	Deep Bedrock	1173.65	69.7	79.6	1104.28	1094.38	1099.33	16.62	1157.03	-	-
MW-43S	Weathered Bedrock	1173.34	14.7	24.6	1158.97	1149.07	1154.02	10.92	1162.42	-0.02	DOWN
MW-43D	Weathered Bedrock	1173.41	42.5	52.4	1131.21	1121.31	1126.26	11.68	1161.73	-0.01	DOWN
BR-13	Shallow Bedrock	1173.30	64.7	74.6	1108.97	1099.07	1104.02	11.72	1161.58	-	-
MW-39S	Unconsolidated Dep.	1172.20	14.0	24.0	1158.53	1148.53	1153.53	9.72	1162.48	0.00	NEUTRAL
MW-39D	Unconsolidated Dep.	1172.09	36.4	46.4	1136.04	1126.04	1131.04	9.58	1162.51	-0.04	DOWN
BR-2	Deep Bedrock	1172.39	85.3	94.8	1087.42	1077.92	1082.67	11.95	1160.44	-	-
MW-40D	Weathered Bedrock	1174.08	40.0	50.0	1131.10	1121.10	1126.10	11.62	1162.46	-0.01	DOWN
BR-3	Deep Bedrock	1174.56	85.6	95.2	1085.89	1076.29	1081.09	12.40	1162.16	-	-
MW-12	Unconsolidated Dep.	1170.70	5.0	20.0	1165.69	1150.69	1158.19	15.58	1155.12	-0.08	DOWN
MW-46I	Weathered Bedrock	1169.56	20.3	30.0	1149.59	1139.89	1144.74	15.28	1154.28	0.04	UP
MW-46D	Weathered Bedrock	1169.67	34.8	44.5	1135.11	1125.41	1130.26	14.80	1154.87	-0.09	DOWN
BR-17	Shallow Bedrock	1169.47	62.2	71.9	1107.57	1097.87	1102.72	17.16	1152.31	-	-
MW-36S	Unconsolidated Dep.	1172.59	11.0	21.0	1158.44	1148.44	1153.44	19.66	1152.93	-0.01	DOWN
MW-36D	Weathered Bedrock	1172.49	31.5	41.5	1137.64	1127.64	1132.64	19.75	1152.74	-	-
MW-58S	Unconsolidated Dep.	1166.12	9.9	19.4	1153.79	1144.29	1149.04	13.81	1152.31	-0.01	DOWN
MW-58D	Weathered Bedrock	1166.17	22.4	32.2	1141.39	1131.59	1136.49	13.94	1152.23	-	-
MW-56D	Weathered Bedrock	1167.18	30.3	39.9	1133.98	1124.38	1129.18	14.98	1152.20	-0.03	DOWN
BR-19	Deep Bedrock	1167.05	73.6	83.3	1090.50	1080.80	1085.65	15.98	1151.07	-	-
MW-8	Unconsolidated Dep.	1162.24	4.0	14.0	1155.96	1145.96	1150.96	10.13	1152.11	-0.03	DOWN
MW-57I	Weathered Bedrock	1162.39	19.9	29.6	1139.84	1130.14	1134.99	10.77	1151.62	-0.03	DOWN
MW-57D	Weathered Bedrock	1162.26	34.4	44.1	1125.37	1115.67	1120.52	11.14	1151.12	-	-
MW-59I	Weathered Bedrock	1159.42	15.1	24.9	1141.56	1131.76	1136.66	8.48	1150.94	0.04	UP
MW-59D	Weathered Bedrock	1159.81	34.8	44.3	1122.13	1112.63	1117.38	8.16	1151.65	-	-

Table 4-3(d)
Vertical Hydraulic Gradients: October 2007
Avery Denison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference Elevation	Screen Depth		Screen Elevation		Screen Mid-Point Elevation	10/23/2007			
			Top	Bottom	Top	Bottom		Depth	Elev.	V. Grad	Direction
MW-37	Unconsolidated Dep.	1161.90	9.5	19.5	1149.67	1139.67	1144.67	10.93	1150.97	0.00	NEUTRAL
MW-60D	Weathered Bedrock	1161.72	39.2	48.5	1120.02	1110.72	1115.37	10.88	1150.84	-	-
MW-19S	Unconsolidated Dep.	1155.38	3.0	12.0	1149.85	1140.85	1145.35	6.67	1148.71	-0.02	DOWN
MW-52D	Weathered Bedrock	1155.74	13.9	23.5	1138.99	1129.39	1134.19	7.26	1148.48	-0.01	DOWN
MW-19D	Shallow Bedrock	1154.99	28.0	37.0	1124.69	1115.69	1120.19	6.61	1148.38	-0.01	DOWN
BR-5	Deep Bedrock	1156.00	55.6	65.2	1097.41	1087.81	1092.61	7.88	1148.12	-	-
MW-18S	Unconsolidated Dep.	1158.17	3.0	12.0	1152.58	1143.58	1148.08	7.87	1150.30	0.00	NEUTRAL
MW-50D	Weathered Bedrock	1157.78	32.1	41.5	1123.01	1113.61	1118.31	7.48	1150.30	-0.05	DOWN
MW-18D	Shallow Bedrock	1158.25	46.5	55.5	1109.02	1100.02	1104.52	8.63	1149.62	-0.02	DOWN
BR-6	Deep Bedrock	1158.35	95.7	105.3	1059.69	1050.09	1054.89	9.82	1148.53	-	-
MW-20S	Unconsolidated Dep.	1154.42	4.0	13.0	1146.95	1137.95	1142.45	7.47	1146.95	-0.01	DOWN
MW-20D	Shallow Bedrock	1153.59	38.0	47.0	1112.72	1103.72	1108.22	6.87	1146.72	-0.02	DOWN
BR-7	Deep Bedrock	1151.88	98.4	113.4	1050.71	1035.71	1043.21	6.17	1145.71	-	-
SBW-3	Unconsolidated Dep.	1152.61	1.2	2.2	1146.11	1145.11	1145.61	5.01	1147.60	0.07	UP
MW-27S	Unconsolidated Dep.	1152.77	2.8	11.7	1147.35	1138.45	1142.90	4.97	1147.80	-0.01	DOWN
MW-27D	Shallow Bedrock	1152.91	22.8	31.7	1127.52	1118.62	1123.07	5.21	1147.70	-	-
MW-26S	Unconsolidated Dep.	1154.12	1.3	10.2	1150.60	1141.70	1146.15	4.97	1149.15	0.00	NEUTRAL
MW-26D	Shallow Bedrock	1153.92	36.7	45.6	1114.99	1106.09	1110.54	4.80	1149.12	-	-
MW-W	Unconsolidated Dep.	1156.55	NA	NA	NA	NA	NA	6.38	1150.17	NA	UP
MW-25D	Shallow Bedrock	1156.58	42.5	51.4	1111.70	1102.80	1107.25	6.09	1150.49	0.09	UP
MW-25DRX	Deep Bedrock	1156.57	87.0	96.0	1067.08	1058.08	1062.58	2.26	1154.31	-	-
MW-28	Unconsolidated Dep.	1152.21	0.5	9.4	1149.21	1140.31	1144.76	5.36	1146.85	0.00	NEUTRAL
BR-8S	Shallow Bedrock	1152.52	15.2	24.8	1134.40	1124.80	1129.60	5.71	1146.81	0.00	NEUTRAL
BR-8D	Deep Bedrock	1152.60	50.7	60.3	1099.14	1089.54	1094.34	5.88	1146.72	-	-
MW-45S	Unconsolidated Dep.	1168.15	13.6	23.3	1154.85	1145.15	1150.00	14.94	1153.21	-0.01	DOWN
MW-45D	Weathered Bedrock	1167.88	51.8	61.2	1116.57	1107.17	1111.87	15.21	1152.67	-0.05	DOWN
BR-15	Deep Bedrock	1168.27	84.8	94.1	1083.71	1074.41	1079.06	17.13	1151.14	-	-
MW-47S	Unconsolidated Dep.	1169.51	13.6	22.8	1156.21	1147.01	1151.61	15.05	1154.46	0.00	NEUTRAL
MW-47D	Weathered Bedrock	1169.34	29.7	39.4	1140.01	1130.31	1135.16	14.80	1154.54	0.00	NEUTRAL
BR-4S	Shallow Bedrock	1169.48	40.6	50.2	1129.25	1119.65	1124.45	14.90	1154.58	-0.01	DOWN
BR-4D	Deep Bedrock	1169.58	80.3	99.9	1089.49	1069.89	1079.69	15.29	1154.29	-	-
MW-48S	Unconsolidated Dep.	1169.79	13.4	22.9	1156.65	1147.15	1151.90	14.40	1155.39	0.00	NEUTRAL
MW-48D	Weathered Bedrock	1169.73	23.9	33.4	1146.17	1136.67	1141.42	14.29	1155.44	-	-

Table 4-3(d)
Vertical Hydraulic Gradients: October 2007
Avery Denison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference Elevation	Screen Depth		Screen Elevation		Screen Mid-Point Elevation	10/23/2007			
			Top	Bottom	Top	Bottom		Depth	Elev.	V. Grad	Direction
MW-14	Unconsolidated Dep.	1159.35	5.0	10.0	1151.47	1146.47	1148.97	7.42	1151.93	-0.01	DOWN
MW-49D	Weathered Bedrock	1159.21	30.7	40.2	1126.02	1116.52	1121.27	7.45	1151.76	0.00	NEUTRAL
BR-16	Deep Bedrock	1159.30	74.9	84.7	1081.70	1071.90	1076.80	7.75	1151.55	-	-
MW-16S	Unconsolidated Dep.	1161.19	3.0	12.0	1155.37	1146.37	1150.87	8.02	1153.17	-0.07	DOWN
MW-16D	Shallow Bedrock	1160.50	22.0	31.0	1136.37	1127.37	1131.87	8.79	1151.71	0.02	UP
BR-11	Deep Bedrock	1161.08	61.4	71.0	1097.19	1087.59	1092.39	8.68	1152.40	-	-
BR-10S	Shallow Bedrock	1158.32	35.2	44.8	1120.52	1110.92	1115.72	3.98	1154.34	-0.05	DOWN
BR-10D	Deep Bedrock	1159.07	65.5	75.1	1090.80	1081.20	1086.00	6.29	1152.78	-	-
MW-15S	Unconsolidated Dep.	1176.20	7.5	16.5	1165.52	1156.52	1161.02	17.10	1159.10	0.00	NEUTRAL
MW-15D	Shallow Bedrock	1175.13	62.5	71.5	1109.98	1100.98	1105.48	16.18	1158.95	-	-
BR-9S	Shallow Bedrock	1153.51	18.5	28.1	1132.09	1122.49	1127.29	5.91	1147.60	>0.13	UP
BR-9D	Deep Bedrock	1153.02	61.6	71.2	1088.85	1079.25	1084.05	flowing	> 1153.02	-	-

Table 4-3(e)
Vertical Hydraulic Gradients: October 2009
Avery Dennison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference Elevation	Screen Depth		Screen Elevation		Screen Mid-Point Elevation	6/2/2009				10/13/2009			
			Top	Bottom	Top	Bottom		Depth	Elev.	V. Grad	Direction	Depth	Elev.	V. Grad	Direction
MW-41	Unconsolidated Dep.	1173.81	27.5	37.5	1143.16	1133.16	1138.16	-	-	-	-	-	-	-	-
BR-12	Deep Bedrock	1173.73	58.1	72.7	1112.78	1098.18	1105.48	-	-	-	-	-	-	-	-
MW-13	Unconsolidated Dep.	1178.09	5.0	20.0	1173.11	1158.11	1165.61	11.92	1166.17	0.04	UP	9.02	1169.07	-0.09	DOWN
BR-1S	Shallow Bedrock	1181.08	28.7	38.3	1149.48	1139.88	1144.68	14.14	1166.94	-0.12	DOWN	14.31	1166.77	-0.10	DOWN
BR-1D	Deep Bedrock	1181.00	70.6	80.2	1107.46	1097.86	1102.66	18.90	1162.10	-	-	18.57	1162.43	-	-
MW-44S	Unconsolidated Dep.	1173.35	14.4	24.3	1159.52	1149.62	1154.57	6.08	1167.27	-0.01	DOWN	2.89	1170.46	-0.03	DOWN
MW-44D	Weathered Bedrock	1173.77	34.4	44.3	1139.65	1129.75	1134.70	6.79	1166.98	-0.15	DOWN	3.81	1169.96	-0.24	DOWN
BR-14	Deep Bedrock	1173.65	69.7	79.6	1104.28	1094.38	1099.33	11.90	1161.75	-	-	12.08	1161.57	-	-
MW-43S	Weathered Bedrock	1173.34	14.7	24.6	1158.97	1149.07	1154.02	5.73	1167.61	-0.03	DOWN	2.85	1170.49	-0.06	DOWN
MW-43D	Weathered Bedrock	1173.41	42.5	52.4	1131.21	1121.31	1126.26	6.64	1166.77	-0.01	DOWN	4.51	1168.90	-0.01	DOWN
BR-13	Shallow Bedrock	1173.30	64.7	74.6	1108.97	1099.07	1104.02	6.70	1166.60	-	-	4.71	1168.59	-	-
MW-39S	Unconsolidated Dep.	1172.20	14.0	24.0	1158.53	1148.53	1153.53	4.92	1167.28	-0.01	DOWN	3.55	1168.65	0.01	UP
MW-39D	Unconsolidated Dep.	1172.09	36.4	46.4	1136.04	1126.04	1131.04	5.07	1167.02	-0.06	DOWN	3.28	1168.81	-0.09	DOWN
BR-2	Deep Bedrock	1172.39	85.3	94.8	1087.42	1077.92	1082.67	8.34	1164.05	-	-	8.08	1164.31	-	-
MW-40D	Weathered Bedrock	1174.08	40.0	50.0	1131.10	1121.10	1126.10	9.40	1164.68	0.01	UP	7.44	1166.64	-0.05	DOWN
BR-3	Deep Bedrock	1174.56	85.6	95.2	1085.89	1076.29	1081.09	9.64	1164.92	-	-	10.10	1164.46	-	-
MW-12	Unconsolidated Dep.	1170.70	5.0	20.0	1165.69	1150.69	1158.19	12.02	1158.68	-0.03	DOWN	9.49	1161.21	-0.07	DOWN
MW-46I	Weathered Bedrock	1169.56	20.3	30.0	1149.59	1139.89	1144.74	11.34	1158.22	-0.04	DOWN	9.43	1160.13	-0.06	DOWN
MW-46D	Weathered Bedrock	1169.67	34.8	44.5	1135.11	1125.41	1130.26	12.09	1157.58	-0.11	DOWN	10.39	1159.28	-0.10	DOWN
BR-17	Shallow Bedrock	1169.47	62.2	71.9	1107.57	1097.87	1102.72	14.80	1154.67	-	-	12.91	1156.56	-	-
MW-55D	Weathered Bedrock	1163.11	30.3	40.1	1130.01	1120.21	1125.11	11.40	1151.71	-0.07	DOWN	9.52	1153.59	-0.09	DOWN
BR-18	Shallow Bedrock	1161.88	68.5	78.2	1090.78	1081.08	1085.93	12.72	1149.16	-	-	11.71	1150.17	-	-
MW-36S	Unconsolidated Dep.	1172.59	11.0	21.0	1158.44	1148.44	1153.44	17.30	1155.29	-0.03	DOWN	15.05	1157.54	-0.01	DOWN
MW-36D	Weathered Bedrock	1172.49	31.5	41.5	1137.64	1127.64	1132.64	17.79	1154.70	-	-	15.32	1157.17	-	-
MW-58S	Unconsolidated Dep.	1166.12	9.9	19.4	1153.79	1144.29	1149.04	12.35	1153.77	-0.01	DOWN	9.45	1156.67	-0.02	DOWN
MW-58D	Weathered Bedrock	1166.17	22.4	32.2	1141.39	1131.59	1136.49	12.65	1153.52	-	-	9.81	1156.36	-	-
MW-56D	Weathered Bedrock	1167.18	30.3	39.9	1133.98	1124.38	1129.18	13.39	1153.79	-0.06	DOWN	10.99	1156.19	-0.08	DOWN
BR-19	Deep Bedrock	1167.05	73.6	83.3	1090.50	1080.80	1085.65	15.98	1151.07	-	-	14.31	1152.74	-	-
MW-8	Unconsolidated Dep.	1162.24	4.0	14.0	1155.96	1145.96	1150.96	9.70	1152.54	-0.02	DOWN	6.36	1155.88	-0.04	DOWN
MW-57I	Weathered Bedrock	1162.39	19.9	29.6	1139.84	1130.14	1134.99	10.22	1152.17	-0.03	DOWN	7.42	1154.97	-0.05	DOWN
MW-57D	Weathered Bedrock	1162.26	34.4	44.1	1125.37	1115.67	1120.52	10.49	1151.77	-0.05	DOWN	8.03	1154.23	-0.07	DOWN
BR-23	Deep Bedrock	1160.89	58.0*	130.0*	1101.07	1029.07	1065.07	11.75	1149.14	-	-	10.69	1150.20	-	-
MW-59I	Weathered Bedrock	1159.42	15.1	24.9	1141.56	1131.76	1136.66	8.06	1151.36	-0.01	DOWN	5.66	1153.76	-0.02	DOWN
MW-59D	Weathered Bedrock	1159.81	34.8	44.3	1122.13	1112.63	1117.38	8.59	1151.22	-	-	6.34	1153.47	-	-
MW-37	Unconsolidated Dep.	1161.90	9.5	19.5	1149.67	1139.67	1144.67	10.80	1151.10	0.00	NEUTRAL	8.23	1153.67	-0.01	DOWN
MW-60D	Weathered Bedrock	1161.72	39.2	48.5	1120.02	1110.72	1115.37	10.62	1151.10	-	-	8.35	1153.37	-	-
MW-19S	Unconsolidated Dep.	1155.38	3.0	12.0	1149.85	1140.85	1145.35	6.45	1148.93	-0.01	DOWN	4.29	1151.09	-0.11	DOWN
MW-52D	Weathered Bedrock	1155.74	13.9	23.5	1138.99	1129.39	1134.19	7.01	1148.73	0.00	NEUTRAL	5.84	1149.90	-0.01	DOWN
MW-19D	Shallow Bedrock	1154.99	28.0	37.0	1124.69	1115.69	1120.19	6.33	1148.66	0.00	NEUTRAL	5.25	1149.74	0.00	NEUTRAL
BR-5	Deep Bedrock	1156.00	55.6	65.2	1097.41	1087.81	1092.61	7.30	1148.70	-	-	6.20	1149.80	-	-

Note: NA in well screen categories indicates an open borehole.
* BR-23 has an unscreened open interval over the depths indicated.

Table 4-3(e)
Vertical Hydraulic Gradients: October 2009
Avery Dennison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference Elevation	Screen Depth		Screen Elevation		Screen Mid-Point Elevation	6/2/2009				10/13/2009			
			Top	Bottom	Top	Bottom		Depth	Elev.	V. Grad	Direction	Depth	Elev.	V. Grad	Direction
MW-51D	Weathered Bedrock	1158.91	22.1	32.1	1134.10	1124.10	1129.10	8.75	1150.16	-0.02	DOWN	6.57	1152.34	-0.05	DOWN
BR-20	Shallow Bedrock	1159.48	68.7	78.6	1087.83	1077.93	1082.88	10.35	1149.13	0.00	NEUTRAL	9.30	1150.18	0.00	NEUTRAL
BR-20D	Deep Bedrock	1159.02	99.8	119.0	1056.42	1037.22	1046.82	10.02	1149.00	-	-	8.99	1150.03	-	-
MW-18S	Unconsolidated Dep.	1158.17	3.0	12.0	1152.58	1143.58	1148.08	7.58	1150.59	0.00	NEUTRAL	5.18	1152.99	-0.02	DOWN
MW-50D	Weathered Bedrock	1157.78	32.1	41.5	1123.01	1113.61	1118.31	7.10	1150.68	-0.06	DOWN	5.41	1152.37	-0.09	DOWN
MW-18D	Shallow Bedrock	1158.25	46.5	55.5	1109.02	1100.02	1104.52	8.41	1149.84	-0.02	DOWN	7.12	1151.13	-0.02	DOWN
BR-6	Deep Bedrock	1158.35	95.7	105.3	1059.69	1050.09	1054.89	9.28	1149.07	-	-	8.22	1150.13	-	-
MW-20S	Unconsolidated Dep.	1154.42	4.0	13.0	1146.95	1137.95	1142.45	6.64	1147.78	-0.02	DOWN	3.49	1150.93	-0.07	DOWN
MW-20D	Shallow Bedrock	1153.59	38.0	47.0	1112.72	1103.72	1108.22	6.47	1147.12	0.02	UP	4.95	1148.64	0.03	UP
BR-7	Deep Bedrock	1151.88	98.4	113.4	1050.71	1035.71	1043.21	3.70	1148.18	-	-	1.52	1150.36	-	-
SBW-3	Unconsolidated Dep.	1152.61	1.2	2.2	1146.11	1145.11	1145.61	5.06	1147.55	0.21	UP	4.55	1148.06	0.21	UP
MW-27S	Unconsolidated Dep.	1152.77	2.8	11.7	1147.35	1138.45	1142.90	4.64	1148.13	0.01	UP	4.14	1148.63	0.04	UP
MW-27D	Shallow Bedrock	1152.91	22.8	31.7	1127.52	1118.62	1123.07	4.55	1148.36	-	-	3.55	1149.36	-	-
MW-42	Unconsolidated Dep.	1155.77	2.5	12.5	1150.40	1140.40	1145.40	7.54	1148.23	0.00	NEUTRAL	6.51	1149.26	0.05	UP
MW-54D	Weathered Bedrock	1155.38	17.8	22.1	1134.72	1130.42	1132.57	7.12	1148.26	0.01	UP	5.27	1150.11	-0.04	DOWN
BR-21	Shallow Bedrock	1155.83	33.3	43.2	1119.61	1109.71	1114.66	7.34	1148.49	0.02	UP	6.43	1149.40	0.01	UP
BR-21D	Deep Bedrock	1155.38	59.0	78.2	1093.72	1074.47	1084.10	6.40	1148.98	-	-	5.34	1150.04	-	-
MW-26S	Unconsolidated Dep.	1154.12	1.3	10.2	1150.60	1141.70	1146.15	4.90	1149.22	0.00	NEUTRAL	3.52	1150.60	-0.01	DOWN
MW-26D	Shallow Bedrock	1153.92	36.7	45.6	1114.99	1106.09	1110.54	4.66	1149.26	-	-	3.81	1150.11	-	-
MW-W	Unconsolidated Dep.	1156.55	NA	NA	NA	NA	NA	-	-	-	-		-	-	-
MW-25D	Shallow Bedrock	1156.58	42.5	51.4	1111.70	1102.80	1107.25	4.18	1152.40	>0.05	UP	4.36	1152.22	>0.10	UP
MW-25DR	Deep Bedrock	1156.57	87.0	96.0	1067.08	1058.08	1062.58	flowing	>1156.57	-	-	flowing	>1156.57	-	-
MW-28	Unconsolidated Dep.	1152.21	0.5	9.4	1149.21	1140.31	1144.76	4.38	1147.83	-0.01	DOWN	2.50	1149.71	0.13	UP
BR-8S	Shallow Bedrock	1152.52	15.2	24.8	1134.40	1124.80	1129.60	4.94	1147.58	0.02	UP	0.77	1151.75	-0.16	DOWN
BR-8D	Deep Bedrock	1152.60	50.7	60.3	1099.14	1089.54	1094.34	4.45	1148.15	-	-	6.67	1145.93	-	-
MW-45S	Unconsolidated Dep.	1168.15	13.6	23.3	1154.85	1145.15	1150.00	13.13	1155.02	-0.02	DOWN	11.64	1156.51	-0.07	DOWN
MW-45D	Weathered Bedrock	1167.88	51.8	61.2	1116.57	1107.17	1111.87	13.81	1154.07	-0.09	DOWN	14.01	1153.87	0.00	NEUTRAL
BR-15	Deep Bedrock	1168.27	84.8	94.1	1083.71	1074.41	1079.06	17.13	1151.14	-	-	14.52	1153.75	-	-
MW-47S	Unconsolidated Dep.	1169.51	13.6	22.8	1156.21	1147.01	1151.61	14.61	1154.90	0.01	UP	14.02	1155.49	0.01	UP
MW-47D	Weathered Bedrock	1169.34	29.7	39.4	1140.01	1130.31	1135.16	14.28	1155.06	0.00	NEUTRAL	13.59	1155.75	0.00	NEUTRAL
BR-4S	Shallow Bedrock	1169.48	40.6	50.2	1129.25	1119.65	1124.45	14.37	1155.11	0.02	UP	13.68	1155.80	0.03	UP
BR-4D	Deep Bedrock	1169.58	80.3	99.9	1089.49	1069.89	1079.69	13.72	1155.86	-	-	12.64	1156.94	-	-
MW-48S	Unconsolidated Dep.	1169.79	13.4	22.9	1156.65	1147.15	1151.90	14.09	1155.70	0.01	UP	13.53	1156.26	0.00	NEUTRAL
MW-48D	Weathered Bedrock	1169.73	23.9	33.4	1146.17	1136.67	1141.42	13.89	1155.84	0.01	UP	13.40	1156.33	0.02	UP
BR-24	Deep Bedrock	1169.96	89.8	99.4	1080.39	1070.79	1075.59	13.55	1156.41	-	-	12.17	1157.79	-	-
MW-14	Unconsolidated Dep.	1159.35	5.0	10.0	1151.47	1146.47	1148.97	6.79	1152.56	0.00	NEUTRAL	5.77	1153.58	-0.01	DOWN
MW-49D	Weathered Bedrock	1159.21	30.7	40.2	1126.02	1116.52	1121.27	6.78	1152.43	0.00	NEUTRAL	5.95	1153.26	0.04	UP
BR-16	Deep Bedrock	1159.30	74.9	84.7	1081.70	1071.90	1076.80	6.69	1152.61	-	-	4.27	1155.03	-	-
MW-16S	Unconsolidated Dep.	1161.19	3.0	12.0	1155.37	1146.37	1150.87	6.93	1154.26	-0.03	DOWN	4.58	1156.61	-0.08	DOWN
MW-16D	Shallow Bedrock	1160.50	22.0	31.0	1136.37	1127.37	1131.87	7.00	1153.50	0.01	UP	5.50	1155.00	0.01	UP
BR-11	Deep Bedrock	1161.08	61.4	71.0	1097.19	1087.59	1092.39	7.15	1153.93	-	-	5.51	1155.57	-	-

Note: NA in well screen categories indicates an open borehole.
* BR-23 has an unscreened open interval over the depths indicated.

Table 4-3(e)
Vertical Hydraulic Gradients: October 2009
Avery Dennison Site
Flowery Branch, Georgia

Well ID	Hydrogeologic Unit	Reference Elevation	Screen Depth		Screen Elevation		Screen Mid-Point Elevation	6/2/2009				10/13/2009			
			Top	Bottom	Top	Bottom		Depth	Elev.	V. Grad	Direction	Depth	Elev.	V. Grad	Direction
BR-10S	Shallow Bedrock	1158.32	35.2	44.8	1120.52	1110.92	1115.72	0.84	1157.48	-0.01	DOWN	0.48	1157.84	-0.04	DOWN
BR-10D	Deep Bedrock	1159.07	65.5	75.1	1090.80	1081.20	1086.00	2.01	1157.06	-	-	2.48	1156.59	-	-
MW-15S	Unconsolidated Dep.	1176.20	7.5	16.5	1165.52	1156.52	1161.02	14.51	1161.69	0.01	UP	13.91	1162.29	0.00	NEUTRAL
MW-15D	Shallow Bedrock	1175.13	62.5	71.5	1109.98	1100.98	1105.48	13.13	1162.00	-	-	12.75	1162.38	-	-
BR-9S	Shallow Bedrock	1153.51	18.5	28.1	1132.09	1122.49	1127.29	4.57	1148.94	>0.09	UP	3.86	1149.65	>0.08	UP
BR-9D	Deep Bedrock	1153.02	61.6	71.2	1088.85	1079.25	1084.05	flowing	>1153.02	-	-	flowing	>1153.02	-	-
MW-62	Unconsolidated Dep.	1152.27	3.2	4.9	1146.16	1144.46	1145.31	5.03	1147.24	0.02	UP	3.82	1148.45	0.03	UP
BR-22S	Shallow Bedrock	1151.91	14.8	24.3	1134.29	1124.79	1129.54	4.40	1147.51	-0.01	DOWN	2.98	1148.93	0.00	NEUTRAL
BR-22D	Deep Bedrock	1151.83	48.0	57.7	1101.01	1091.31	1096.16	4.66	1147.17	--	--	2.98	1148.85	--	--
MW-65S	Water Table	1174.08	5	19.8	1169.4	1154.6	1162.00	15.39	1158.69	-0.01	DOWN	*	*	*	*
MW-65D	Weathered Bedrock	1174.11	28	37.8	1146.41	1136.61	1141.51	15.72	1158.39	--	--	15.12	1158.99	--	--

Note: NA in well screen categories indicates an open borehole.
* BR-23 has an unscreened open interval over the depths indicated.

Table 4-4
Evaluation of Streambed Well Water Level vs. Adjacent Stream Stage: 2004-2009
Avery Dennison Site
Flowery Branch, Georgia

July 27, 2005									
Structure Name	Ground Elevation	Structure Elevation	Screen Mid-Point Elevation	Ground Water		Surface Water		Vertical Gradient	Gradient Direction
				Depth	Elev.	Depth	Elev.		
SBW-1	1147.21	1151.41	1145.16	4.60	1146.81	4.38	1147.03	-0.12	DOWN
SBW-2	1147.07	1151.56	1145.00	4.54	1147.02	4.35	1147.21	-0.09	DOWN
SBW-3	1147.26	1152.61	1145.61	4.93	1147.68	4.97	1147.64	0.02	UP
SBW-4	1147.42	1152.50	1145.72	4.68	1147.82	4.85	1147.65	0.09	UP
SBW-5	1148.34	1153.16	1146.69	4.51	1148.65	4.60	1148.56	0.05	UP
SBW-6	1151.81	1156.74	1150.34	4.85	1151.89	5.05	1151.69	0.15	UP
SBW-7	1152.43	1157.07	1150.78	4.45	1152.62	4.73	1152.34	0.18	UP
SBW-8	1154.07	1159.34	1152.62	4.76	1154.58	4.87	1154.47	0.06	UP
SBW-9	1155.16	1159.96	1153.41	5.14	1154.82	4.93	1155.03	-0.13	DOWN
SBW-10	1156.22	1160.88	1154.56	5.31	1155.57	5.46	1155.42	0.17	UP

Table 4-4
Evaluation of Streambed Well Water Level vs. Adjacent Stream Stage: 2004-2009
Avery Dennison Site
Flowery Branch, Georgia

October 3, 2006									
Structure Name	Ground Elevation	Structure Elevation	Screen Mid-Point Elevation	Ground Water		Surface Water		Vertical Gradient	Gradient Direction
				Depth	Elev.	Depth	Elev.		
SBW-1	1147.21	1151.41	1145.16	4.70	1146.71	4.68	1146.73	-0.01	DOWN
SBW-2	1147.07	1151.56	1145.00	4.71	1146.85	4.71	1146.85	0.00	UP
SBW-3	1147.26	1152.61	1145.61	5.02	1147.59	5.06	1147.55	0.02	UP
SBW-4	1147.42	1152.50	1145.72	4.79	1147.71	4.94	1147.56	0.08	UP
SBW-5	1148.34	1153.16	1146.69	4.62	1148.54	4.65	1148.51	0.02	UP
SBW-6	1151.81	1156.74	1150.34	4.99	1151.75	5.10	1151.64	0.08	UP
SBW-7	1152.43	1157.07	1150.78	4.68	1152.39	4.87	1152.20	0.13	UP
SBW-8	1154.07	1159.34	1152.62	4.86	1154.48	4.91	1154.43	0.03	UP
SBW-9	1155.16	1159.96	1153.41	5.17	1154.79	5.10	1154.86	-0.05	DOWN
SBW-10	1156.22	1160.88	1154.56	5.26	1155.62	5.29	1155.59	0.03	UP

Table 4-4
Evaluation of Streambed Well Water Level vs. Adjacent Stream Stage: 2004-2009
Avery Dennison Site
Flowery Branch, Georgia

February 16, 2007									
Structure Name	Ground Elevation	Structure Elevation	Screen Mid-Point Elevation	Ground Water		Surface Water		Vertical Gradient	Gradient Direction
				Depth	Elev.	Depth	Elev.		
SBW-1	1147.21	1151.41	1145.16	5.37	1146.04	4.83	1146.58	-0.38	DOWN
SBW-2	1147.07	1151.56	1145.00	3.84	1147.72	3.97	1147.59	0.05	UP
SBW-3	1147.26	1152.61	1145.61	4.84	1147.77	4.91	1147.70	0.03	UP
SBW-4	1147.42	1152.50	1145.72	4.74	1147.76	4.79	1147.71	0.03	UP
SBW-5	1148.34	1153.16	1146.69	4.55	1148.61	4.55	1148.61	0.00	UP
SBW-7	1152.43	1157.07	1150.78	4.90	1152.17	4.82	1152.25	-0.05	DOWN
SBW-8	1154.07	1159.34	1152.62	5.18	1154.16	4.87	1154.47	-0.17	DOWN
SBW-9	1155.16	1159.96	1153.41	5.00	1154.96	4.99	1154.97	-0.01	DOWN
SBW-10	1156.22	1160.88	1154.56	5.18	1155.70	5.18	1155.70	0.00	UP

Table 4-4
Evaluation of Streambed Well Water Level vs. Adjacent Stream Stage: 2004-2009
Avery Dennison Site
Flowery Branch, Georgia

May 14, 2007									
Structure Name	Ground Elevation	Structure Elevation	Screen Mid-Point Elevation	Ground Water		Surface Water		Vertical Gradient	Gradient Direction
				Depth	Elev.	Depth	Elev.		
SBW-1	1147.21	1151.41	1145.16	4.45	1146.96	4.45	1146.96	0.00	UP
SBW-2	1147.07	1151.56	1145.00	4.58	1146.98	4.60	1146.96	0.01	UP
SBW-3	1147.26	1152.61	1145.61	4.93	1147.68	4.93	1147.68	0.00	UP
SBW-4	1147.42	1152.50	1145.72	4.75	1147.75	4.90	1147.60	0.08	UP
SBW-5	1148.34	1153.16	1146.69	4.64	1148.52	4.64	1148.52	0.00	UP
SBW-7	1152.43	1157.07	1150.78	4.83	1152.24	4.87	1152.20	0.03	UP
SBW-8	1154.07	1159.34	1152.62	4.84	1154.50	4.91	1154.43	0.04	UP
SBW-9	1155.16	1159.96	1153.41	5.14	1154.82	5.07	1154.89	-0.05	DOWN
SBW-10	1156.22	1160.88	1154.56	5.27	1155.61	5.28	1155.60	0.01	UP

Table 4-4
Evaluation of Streambed Well Water Level vs. Adjacent Stream Stage: 2004-2009
Avery Dennison Site
Flowery Branch, Georgia

October 23, 2007									
Structure Name	Ground Elevation	Structure Elevation	Screen Mid-Point Elevation	Ground Water		Surface Water		Vertical Gradient	Gradient Direction
				Depth	Elev.	Depth	Elev.		
SBW-1	1147.21	1151.41	1145.16	4.71	1146.70	4.55	1146.86	-0.09	DOWN
SBW-2	1147.07	1151.56	1145.00	4.72	1146.84	4.69	1146.87	-0.02	DOWN
SBW-3	1147.26	1152.61	1145.61	5.01	1147.60	5.01	1147.60	0.00	UP
SBW-4	1147.42	1152.50	1145.72	4.75	1147.75	4.91	1147.59	0.09	UP
SBW-5	1148.34	1153.16	1146.69	4.64	1148.52	4.65	1148.51	0.01	UP
SBW-7	1152.43	1157.07	1150.78	4.97	1152.10	4.88	1152.19	-0.06	DOWN
SBW-8	1154.07	1159.34	1152.62	4.90	1154.44	4.90	1154.44	0.00	UP
SBW-9	1155.16	1159.96	1153.41	5.25	1154.71	5.13	1154.83	-0.08	DOWN
SBW-10	1156.22	1160.88	1154.56	5.32	1155.56	5.35	1155.53	0.03	UP

Table 4-4
Evaluation of Streambed Well Water Level vs. Adjacent Stream Stage: 2004-2009
Avery Dennison Site
Flowery Branch, Georgia

June 2, 2009									
Structure Name	Ground Elevation	Structure Elevation	Screen Mid-Point Elevation	Ground Water		Surface Water		Vertical Gradient	Gradient Direction
				Depth	Elev.	Depth	Elev.		
SBW-1	1147.21	1151.41	1145.16	4.50	1146.91	4.55	1146.86	0.03	UP
SBW-2	1147.07	1151.56	1145.00	4.56	1147.00	4.57	1146.99	0.01	UP
SBW-3	1147.26	1152.61	1145.61	5.06	1147.55	5.09	1147.52	0.02	UP
SBW-4	1147.42	1152.50	1145.72	4.55	1147.95	4.76	1147.74	0.10	UP
SBW-5	1148.34	1153.16	1146.69	4.78	1148.38	4.78	1148.38	0.00	UP
SBW-7	1152.43	1157.07	1150.78	4.64	1152.43	4.85	1152.22	0.15	UP
SBW-8	1154.07	1159.34	1152.62	4.84	1154.50	4.97	1154.37	0.07	UP
SBW-9	1155.16	1159.96	1153.41	5.14	1154.82	5.05	1154.91	-0.06	DOWN
SBW-10	1156.22	1160.88	1154.56	5.29	1155.59	5.34	1155.54	0.05	UP

Table 4-4
Evaluation of Streambed Well Water Level vs. Adjacent Stream Stage: 2004-2009
Avery Dennison Site
Flowery Branch, Georgia

October 13, 2009									
Structure Name	Ground Elevation	Structure Elevation	Screen Mid-Point Elevation	Ground Water		Surface Water		Vertical Gradient	Gradient Direction
				Depth	Elev.	Depth	Elev.		
SBW-1	1147.21	1151.41	1145.16	3.85	1147.56	4.32	1147.09	0.24	UP
SBW-2	1147.07	1151.56	1145.00	3.92	1147.64	4.13	1147.43	0.09	UP
SBW-3	1147.26	1152.61	1145.61	4.55	1148.06	4.68	1147.93	0.06	UP
SBW-4	1147.42	1152.50	1145.72	4.07	1148.43	4.45	1148.05	0.16	UP
SBW-5	1148.34	1153.16	1146.69	4.31	1148.85	4.42	1148.74	0.05	UP
SBW-7	1152.43	1157.07	1150.78	3.89	1153.18	4.48	1152.59	0.33	UP
SBW-8	1154.07	1159.34	1152.62	4.44	1154.90	4.73	1154.61	0.15	UP
SBW-9	1155.16	1159.96	1153.41	4.83	1155.13	4.91	1155.05	0.05	UP
SBW-10	1156.22	1160.88	1154.56	5.03	1155.85	5.10	1155.78	0.06	UP

Table 4-5
Hydraulic Conductivity Results from Slug Tests
Avery Dennison Site
Flowery Branch, Georgia

Well	Hydraulic Conductivity (K) (cm/s)	Strata
MW-1	1.95E-03	Unconsolidated Deposits
MW-2	3.51E-03	Unconsolidated Deposits
MW-3	3.28E-04	Unconsolidated Deposits
MW-4	2.07E-04	Unconsolidated Deposits
MW-5	1.75E-04	Unconsolidated Deposits
MW-6	2.57E-03	Unconsolidated Deposits
MW-7	8.64E-04	Unconsolidated Deposits
MW-12	3.93E-04	Unconsolidated Deposits
MW-18S	3.24E-04	Unconsolidated Deposits
MW-20S	5.39E-04	Unconsolidated Deposits
MW-23	1.25E-04	Unconsolidated Deposits
MW-26S	6.21E-04	Unconsolidated Deposits
MW-27S	2.44E-03	Unconsolidated Deposits
MW-32	2.79E-03	Unconsolidated Deposits
MW-34	1.73E-03	Unconsolidated Deposits
MW-36S	3.56E-04	Unconsolidated Deposits
MW-37	2.85E-03	Unconsolidated Deposits
MW-38	6.48E-03	Unconsolidated Deposits
MW-39S	8.55E-04	Unconsolidated Deposits
MW-39D	5.05E-04	Unconsolidated Deposits
MW-45S	4.65E-03	Unconsolidated Deposits
MW-47S	4.51E-03	Unconsolidated Deposits
MW-48S	4.59E-03	Unconsolidated Deposits
MW-58S	8.65E-03	Unconsolidated Deposits
Geometric Mean:	1.15E-03	for Unconsolidated Deposits

Table 4-5
Hydraulic Conductivity Results from Slug Tests
Avery Dennison Site
Flowery Branch, Georgia

Well	Hydraulic Conductivity (K) (cm/s)	Strata
MW-36D	2.75E-04	Weathered Bedrock
MW-43D	5.48E-04	Weathered Bedrock
MW-43S	3.14E-04	Weathered Bedrock
MW-44S	5.48E-04	Weathered Bedrock
MW-44D	3.76E-04	Weathered Bedrock
MW-45D	1.16E-04	Weathered Bedrock
MW-46I	2.42E-04	Weathered Bedrock
MW-46D	1.06E-04	Weathered Bedrock
MW-47D	1.97E-03	Weathered Bedrock
MW-48D*	1.18E-03	Weathered Bedrock
MW-49D	7.68E-04	Weathered Bedrock
MW-50D	2.11E-04	Weathered Bedrock
MW-51D	3.51E-04	Weathered Bedrock
MW-52D	5.74E-04	Weathered Bedrock
MW-54D*	5.28E-03	Weathered Bedrock
MW-56D	6.11E-04	Weathered Bedrock
MW-57D	data inconclusive	Weathered Bedrock
MW-57I	2.18E-04	Weathered Bedrock
MW-58D	3.96E-04	Weathered Bedrock
MW-59I	1.36E-04	Weathered Bedrock
MW-59D	8.20E-04	Weathered Bedrock
MW-60D	1.28E-03	Weathered Bedrock
Geometric Mean:	4.61E-04	for Weathered Bedrock

Well	Hydraulic Conductivity (K) (cm/s)	Strata
BR-4S	**	Competent Bedrock
BR-5	7.78E-05	Competent Bedrock
BR-6	4.39E-04	Competent Bedrock
BR-7	7.36E-05	Competent Bedrock
BR-13	2.56E-04	Competent Bedrock
BR-14	1.95E-05	Competent Bedrock
BR-15	3.01E-04	Competent Bedrock
BR-16	5.59E-06	Competent Bedrock
BR-17	1.32E-03	Competent Bedrock
BR-19	3.79E-04	Competent Bedrock
MW-18D	1.26E-03	Competent Bedrock
MW-19D	**	Competent Bedrock
MW-20D	2.82E-04	Competent Bedrock
MW-26D	1.77E-03	Competent Bedrock
MW-27D	**	Competent Bedrock
Geometric Mean:	1.70E-04	for Competent Bedrock

NOTES

*K value presented in this table is the arithmetic mean of two test results from a single well

** Slug displacement too small and response measurement frequency too low to obtain adequate data set.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID Date	BR-1D 6/8/2005	BR-1D-DUP 6/8/2005	BR-1D 6/20/2006	BR-1D 10/3/2006	BR-1D 2/16/2007	BR-1D 5/15/2007	BR-1D 10/24/2007	BR-1S 5/25/2005	BR-1S 6/17/2006	BR-1S 10/4/2006	BR-1S 2/17/2007	BR-1S 5/15/2007	BR-1S 10/25/2007	BR-2 5/23/2005
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	210	230	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	98	170	210	120	150	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID Date	BR-2 6/17/2006	BR-2 10/3/2006	BR-2 2/17/2007	BR-2 5/15/2007	BR-2 10/24/2007	BR-3 6/14/2005	BR-3 6/17/2006	BR-3 10/5/2006	BR-3 2/18/2007	BR-3 5/18/2007	BR-4D 6/8/2005	BR-4D 6/20/2006	BR-4D 10/5/2006	BR-4D 2/19/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	ND < 0.01	--	--	--	--	ND < 0.01	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	ND < 0.01	--	--	--	--	ND < 0.01	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	BR-4D	BR-4D	BR-4D	BR-4D-DUP	BR-4D	BR-4D-DUP	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S	BR-4S
	Date	5/17/2007	10/26/2007	6/3/2009	6/3/2009	10/15/2009	10/15/2009	5/26/2005	6/19/2006	10/6/2006	2/18/2007	5/16/2007	10/25/2007	6/3/2009	10/14/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dioxane	260	--	--	ND < 60	ND < 60	ND < 150	ND < 150	--	--	--	--	--	--	ND < 60	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 5	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 50	ND < 5	ND < 5	ND < 25	ND < 25	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	28000	ND < 10	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1
Chloroform	100	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	1.4
Methylene chloride	120	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2
Ethyl benzene	700	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 10	ND < 2	ND < 2	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
o-Xylene	-	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 15	ND < 3	ND < 3	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	2.1
Vinyl chloride	3	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID Date	BR-5 5/23/2005	BR-5 6/22/2006	BR-5 10/7/2006	BR-5 2/20/2007	BR-5 5/19/2007	BR-5 10/27/2007	BR-5 6/6/2009	BR-5 10/16/2009	BR-6 6/8/2005	BR-6 6/23/2006	BR-6 10/9/2006	BR-6 2/20/2007	BR-6 5/19/2007	BR-6 (DBS) 5/19/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	220	12	12	15	15	19
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	17	ND < 5	17	ND < 5	ND < 5	2.9	2.7	77	570	380	450	530	410
1,1-Dichloroethene	520	6.2	89	23	88	18	5.6	5.9	2.7	**530**	**2800**	**2100**	**2100**	**2600**	**2100**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	ND < 150	ND < 150	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	6.6	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	**3.7**	ND < 2	ND < 2	2.5	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	BR-6	BR-6	BR-6	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-7	BR-8D	BR-8D
	Date	10/27/2007	6/4/2009	10/14/2009	6/9/2005	6/21/2006	6/23/2006	10/9/2006	2/19/2007	5/18/2007	10/28/2007	6/8/2009	10/19/2009	6/15/2005	6/22/2006
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	5.3	ND < 2	4.6	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1-Dichloroethane	4000	250	60	45.4	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,1-Dichloroethene	520	**1300**	370	345	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
1,4-Dioxane	260	--	ND < 120	ND < 150	--	--	--	--	--	--	--	ND < 150	ND < 150	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 5	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 10	ND < 25	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 10	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 2	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 4	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 6	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 2	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5
Vinyl chloride	3	2.7	ND < 2	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID Date	BR-8D 10/7/2006	BR-8D 2/19/2007	BR-8D 5/17/2007	BR-8D 10/26/2007	BR-8D 6/4/2009	BR-8D 10/19/2009	BR-8S 5/23/2005	BR-8S 6/22/2006	BR-8S 10/7/2006	BR-8S 2/19/2007	BR-8S 5/17/2007	BR-8S 10/26/2007	BR-8S 6/3/2009	BR-8S 10/19/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dioxane	260	--	--	--	--	ND < 60	ND < 150	--	--	--	--	--	--	ND < 60	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 25	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	BR-9D	BR-9D	BR-9D-DUP	BR-9D	BR-9D-DUP	BR-9D	BR-9D-DUP	BR-9D	BR-9D-DUP	BR-9S	BR-9S	BR-9S	BR-9S	BR-9S
	Date	6/15/2005	6/21/2006	6/21/2006	10/8/2006	10/8/2006	2/19/2007	2/19/2007	5/17/2007	5/17/2007	5/23/2005	6/21/2006	10/6/2006	2/19/2007	5/17/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	59	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID Date	BR-10D 6/15/2005	BR-10D 6/20/2006	BR-10D 10/6/2006	BR-10D 2/18/2007	BR-10D 5/16/2007	BR-10S 5/26/2005	BR-10S 6/18/2006	BR-10S 10/4/2006	BR-10S 2/17/2007	BR-10S 5/16/2007	BR-11 5/25/2005	BR-11-DUP 5/25/2005	BR-11 6/19/2006	BR-11 10/5/2006
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	190	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	ND < 0.01	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	ND < 0.01	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID Date	BR-11 2/18/2007	BR-11 5/16/2007	BR-12 6/8/2005	BR-12 6/19/2006	BR-12 10/6/2006	BR-12 2/18/2007	BR-12 5/16/2007	BR-13 9/19/2007	BR-13 10/25/2007	BR-14 9/13/2007	BR-14 10/25/2007	BR-14-DUP 10/25/2007	BR-15 10/27/2007	BR-16 10/30/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	26
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	6.2	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	36
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	BR-17	BR-17	BR-17	BR-18	BR-18-DUP	BR-18	BR-18	BR-19	BR-19	BR-19	BR-20	BR-20	BR-20	BR-20D
	Date	10/29/2007	6/6/2009	10/17/2009	11/7/2007	11/7/2007	6/7/2009	10/17/2009	10/29/2007	6/6/2009	10/18/2009	11/3/2007	6/8/2009	10/15/2009	6/9/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	160	84.5	81.7	14
1,1,2-Trichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	1	ND < 1	51	31	39	33.8	ND < 5	ND < 1	2.1	440	150	181	24.1
1,1-Dichloroethene	520	ND < 5	1.2	ND < 1	33	19	21.4	17.6	ND < 5	ND < 1	10.7	**2800**	**1080**	**1400**	92.1
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	1.9	2.3	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
1,4-Dioxane	260	--	ND < 150	ND < 150	--	--	ND < 150	ND < 150	--	ND < 150	ND < 150	--	ND < 150	ND < 150	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 5	ND < 5	ND < 50	ND < 50	ND < 5	ND < 5	ND < 50	ND < 5	ND < 5	ND < 50	ND < 5	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 25	ND < 25	ND < 50	ND < 50	ND < 25	ND < 25	ND < 50	ND < 25	ND < 25	ND < 50	ND < 25	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	--	--	ND < 5	--	--	--
Carbon tetrachloride	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
Chloroethane	28000	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 1	ND < 1	ND < 10	ND < 1	ND < 1	ND < 1
Chloroform	100	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
Methylene chloride	120	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 2	ND < 2	ND < 5	2.3 B	ND < 2	ND < 2
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 2	ND < 2	ND < 10	ND < 2	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	ND < 5	--	--	ND < 5	--	--	ND < 5	--	--	--
o-Xylene	-	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 3	ND < 3	ND < 15	ND < 3	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	**5**	ND < 1
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	1.4	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1	5.2	2.7	3.1	ND < 1
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	**5.6**	1.7	ND < 1	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	BR-20D	BR-21	BR-21	BR-21	BR-21D	BR-21D	BR-22D	BR-22D	BR-22S	BR-22S	BR-23-Lower	BR-23-Middle	BR-23-Upper
	Date	10/15/2009	11/3/2007	6/4/2009	10/14/2009	6/9/2009	10/17/2009	6/9/2009	10/18/2009	6/9/2009	10/18/2009	5/31/2009	5/31/2009	6/1/2009
VOC (µg/L)	**Type 3/4 GW RRS**													
1,1,1-Trichloroethane	13600	7.5	570	73	101	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	36	32	42
1,1,2-Trichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
1,1-Dichloroethane	4000	36.2	130	88	69.4	81.1	73.6	ND < 1	ND < 1	ND < 1	ND < 1	49	50	47
1,1-Dichloroethene	520	101	**1700**	**570**	**521**	254	254	ND < 1	ND < 1	ND < 1	ND < 1	200	210	180
1,2-Dichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
1,4-Dichlorobenzene	75	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
1,4-Dioxane	260	ND < 150	--	ND < 300	ND < 150	ND < 150	ND < 300	ND < 150	ND < 150	ND < 150	ND < 150	ND < 120	ND < 120	ND < 120
2-Butanone (MEK)	11800	77.2	ND < 50	ND < 25	ND < 5	ND < 5	383	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10
Acetone	46000	ND < 25	ND < 50	ND < 25	ND < 25	ND < 25	ND < 50	ND < 25	ND < 25	ND < 25	ND < 25	ND < 10	ND < 10	ND < 10
Carbon disulfide	4000	--	ND < 5	ND < 25	--	--	--	--	--	--	--	ND < 10	ND < 10	ND < 10
Carbon tetrachloride	5	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Chloroethane	28000	ND < 1	ND < 10	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Chloroform	100	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
cis-1,2-Dichloroethene	370	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Methylene chloride	120	ND < 2	ND < 5	ND < 5	ND < 2	ND < 2	ND < 4	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Freon-11	2000	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
m&p-Xylene	-	ND < 2	ND < 10	ND < 10	ND < 2	ND < 2	ND < 4	ND < 2	ND < 2	ND < 2	ND < 2	ND < 4	ND < 4	ND < 4
Methylcyclohexane	Not Regulated	--	ND < 5	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	-	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Xylenes (total)	10000	ND < 3	ND < 15	ND < 15	ND < 3	ND < 3	ND < 6	ND < 3	ND < 3	ND < 3	ND < 3	ND < 6	ND < 6	ND < 6
Styrene	2600	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Tetrachloroethene	5	ND < 1	ND < 5	ND < 5	4.5	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Toluene	5200	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	4.3	6.6	12
trans-1,2-Dichloroethene	160	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Trichloroethene	34	ND < 1	ND < 5	ND < 5	1.4	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Vinyl chloride	3	ND < 1	ND < 2	ND < 5	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2
Metal (mg/L)														
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	BR-24	BR-24	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-3	MW-3
	Date	6/10/2009	10/16/2009	11/4/2004	5/18/2005	6/18/2006	10/5/2006	2/18/2007	5/16/2007	6/5/2009	10/18/2009	11/4/2004	5/19/2005	11/4/2004	5/19/2005
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	300	740
1,1,2-Trichloroethane	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	210	290
1,1-Dichloroethene	520	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	**2300**	**3800**
1,2-Dichloroethane	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	ND < 150	ND < 150	--	--	--	--	--	--	ND < 150	ND < 150	--	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 5	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 50	ND < 10	ND < 50
Acetone	46000	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 50	ND < 20	ND < 50
Carbon disulfide	4000	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	**9.2**	**8.9**
Metal (mg/L)															
Barium	7.3	--	--	0.0357	--	--	--	--	--	--	--	ND < 0.02	--	ND < 0.02	--
Chromium	0.1	--	--	0.0102	ND < 0.01	--	--	--	--	--	--	0.0101	ND < 0.01	0.0117	ND < 0.01
Chromium, hexavalent	Not Regulated	--	--	--	ND < 0.01	--	--	--	--	--	--	--	ND < 0.01	--	ND < 0.01

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
	Date	6/23/2006	10/9/2006	2/21/2007	5/18/2007	10/25/2007	6/5/2009	10/18/2009	11/4/2004	5/19/2005	6/19/2006	10/5/2006	2/19/2007	5/17/2007	6/5/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	150	71	820	95	110	629	424	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	2.6	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethane	4000	230	190	120	160	69	49.1	30	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethene	520	**2300**	**2000**	**2500**	**2300**	**1000**	**1260**	**1140**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	1.9	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dioxane	260	--	--	--	--	--	ND < 150	ND < 1500	--	--	--	--	--	--	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5
Acetone	46000	64	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 250	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	2.6
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 20	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 20	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 30	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	1.3	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Vinyl chloride	3	**12**	**20**	**8.3**	**9.7**	ND < 2	2.3	ND < 10	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	0.0219	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	0.0103	ND < 0.01	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-4-DUP	MW-4	MW-4-DUP	MW-5	MW-5	MW-5-DUP	MW-5	MW-5-DUP	MW-5	MW-5-DUP	MW-5	MW-5-DUP	MW-5	MW-5-DUP
	Date	6/5/2009	10/17/2009	10/17/2009	11/4/2004	5/19/2005	5/19/2005	6/23/2006	6/23/2006	10/9/2006	10/9/2006	2/21/2007	2/21/2007	5/17/2007	5/17/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 1	ND < 1	ND < 1	8.4	21	20	10	6.3	ND < 5	6.9	15	15	11	14
1,1-Dichloroethene	520	ND < 1	ND < 1	ND < 1	31	77	73	44	30	13	25	68	78	57	71
1,2-Dichloroethane	5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	ND < 150	ND < 150	ND < 150	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 5	ND < 5	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 1	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	2.6	2.9	3.2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 2	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 2	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 3	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	ND < 0.02	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	ND < 0.01	ND < 0.01	ND < 0.01	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	ND < 0.01	ND < 0.01	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-5	MW-5-DUP	MW-5	MW-5	MW-6	MW-6	MW-6	MW-7	MW-7	MW-7	MW-8	MW-8	MW-8	MW-8
	Date	10/25/2007	10/25/2007	6/5/2009	10/18/2009	11/3/2004	5/18/2005	10/26/2007	11/3/2004	5/18/2005	10/26/2007	11/7/2004	5/18/2005	6/22/2006	10/7/2006
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	1.2	1.3	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	17.8	9	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	12	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	12	8.2	123	71.3	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	ND < 150	ND < 150	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 50	ND < 50	ND < 10	ND < 50	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 20	ND < 50	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	2 B	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	ND < 0.02	--	--	0.0409	--	--	0.162	--	--	--
Chromium	0.1	ND < 0.01	ND < 0.01	--	--	ND < 0.01	ND < 0.01	--	ND < 0.01	--	--	ND < 0.01	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	ND < 0.05	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-8	MW-8	MW-8	MW-8	MW-8	MW-9	MW-9	MW-9	MW-10	MW-10	MW-11	MW-11	MW-12	MW-12
	Date	2/20/2007	5/18/2007	10/29/2007	6/7/2009	10/16/2009	11/7/2004	5/20/2005	10/28/2007	11/7/2004	5/17/2005	11/7/2004	5/16/2005	11/3/2004	5/20/2005
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	7.1	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	9.1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	140	15
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	38	16
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	ND < 150	ND < 150	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 50	ND < 50	ND < 10	ND < 50	ND < 10	ND < 50	ND < 10	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 20	ND < 50	ND < 20	ND < 50	ND < 20	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	45	34
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 1	1.3	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 1	3.1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	**5.6**	**4.4**
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	0.0341	--	--	0.157	--	0.0399	--	ND < 0.02	--
Chromium	0.1	--	--	ND < 0.01	--	--	ND < 0.01	--	--	ND < 0.01	--	ND < 0.01	--	ND < 0.01	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13
	Date	6/23/2006	10/9/2006	2/21/2007	5/19/2007	10/25/2007	6/6/2009	10/16/2009	11/3/2004	5/16/2005	6/20/2006	10/4/2006	2/17/2007	5/15/2007	10/24/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	3.8	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	63	25	58	69	41	60.1	41.7	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	20	14	23	35	34	10.8	7.7	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	ND < 150	ND < 150	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	51	21	49	60	78	59.5	41.2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	3.9	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	**9.4**	**4.7**	**12**	**14**	**21**	**4.7**	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	ND < 0.02	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--	ND < 0.01
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-14	MW-15D	MW-15D	MW-15D	MW-15D	MW-15D	MW-15D	MW-15S
	Date	11/5/2004	5/19/2005	6/23/2006	10/9/2006	2/21/2007	5/19/2007	10/29/2007	11/5/2004	5/19/2005	6/18/2006	10/5/2006	2/18/2007	5/16/2007	11/5/2004
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	49	25	72	24	ND < 5	ND < 5	16	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	35	21	62	26	6.4	ND < 5	22	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	27	15	31	19	ND < 5	ND < 5	16	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10
Acetone	46000	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	0.0235	--	--	--	--	--	--	0.0364	--	--	--	--	--	ND < 0.02
Chromium	0.1	ND < 0.01	ND < 0.01	--	--	--	--	--	ND < 0.01	--	--	--	--	--	ND < 0.01
Chromium, hexavalent	Not Regulated	--	ND < 0.01	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-15S	MW-16D	MW-16D	MW-16D	MW-16D	MW-16D	MW-16D	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S	MW-17
	Date	5/19/2005	11/4/2004	5/18/2005	6/19/2006	10/5/2006	2/19/2007	5/17/2007	11/4/2004	5/18/2005	6/19/2006	10/6/2006	2/18/2007	5/16/2007	11/5/2004
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	6.4
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	6.1
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	7.1
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10
Acetone	46000	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	ND < 0.02	--	--	--	--	--	ND < 0.02	--	--	--	--	--	0.0607
Chromium	0.1	ND < 0.01	ND < 0.01	--	--	--	--	--	0.0115	ND < 0.01	--	--	--	--	ND < 0.01
Chromium, hexavalent	Not Regulated	ND < 0.01	--	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-17	MW-17	MW-17-DUP	MW-17	MW-17-DUP	MW-17	MW-17-DUP	MW-17	MW-17-DUP	MW-17 (DBS)	MW-17	MW-18D	MW-18D-DUP
	Date	5/20/2005	6/23/2006	6/23/2006	10/9/2006	10/9/2006	2/20/2007	2/20/2007	5/18/2007	5/18/2007	5/18/2007	10/29/2007	11/5/2004	11/5/2004
VOC (µg/L)	**Type 3/4 GW RRS**													
1,1,1-Trichloroethane	13600	60	78	80	220	220	47	51	67	63	34	190	1500	1500
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	53	63	96	270	270	57	62	95	85	50	220	31	30
1,1-Dichloroethene	520	40	48	64	190	200	36	35	57	51	30	160	**2300**	**2200**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 10
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	5.8	5.5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)														
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	ND < 0.02	ND < 0.02
Chromium	0.1	ND < 0.01	--	--	--	--	--	--	--	--	--	ND < 0.01	ND < 0.01	ND < 0.01
Chromium, hexavalent	Not Regulated	ND < 0.01	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-18D	MW-18D-DUP	MW-18D	MW-18D	MW-18D	MW-18D	MW-18D (DBS)	MW-18D	MW-18D	MW-18D	MW-18S	MW-18S	MW-18S
	Date	5/21/2005	5/21/2005	6/24/2006	10/9/2006	2/21/2007	5/19/2007	5/19/2007	10/27/2007	6/4/2009	10/14/2009	11/5/2004	5/17/2005	6/20/2006
VOC (µg/L)	**Type 3/4 GW RRS**													
1,1,1-Trichloroethane	13600	970	920	3100	2000	2600	2100	1800	1400	510	545	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	21	21	110	72	89	120	44	270	37	28.5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	**1100**	**990**	**3600**	**3100**	**3500**	**4100**	**3000**	**3000**	**1300**	**1190**	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	**6.6**	**6.8**	ND < 5	ND < 5	**5.6**	ND < 10	2.1	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	ND < 600	ND < 150	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 10	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 20	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 50	--	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	34	62	ND < 1	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 2	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	10	8.5	9.4	6.1	ND < 5	7.1	ND < 10	2.3	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 20	ND < 2	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 30	ND < 3	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	4.6	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	10	7.9	8.4	8.4	6.6	6.4	ND < 10	2.7	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 10	ND < 1	ND < 2	ND < 2	ND < 2
Metal (mg/L)														
Barium	7.3	--	--	--	--	--	--	--	--	--	--	0.0554	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	ND < 0.01	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-18S	MW-18S	MW-18S	MW-18S	MW-19D	MW-19D-DUP	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D	MW-19D
	Date	10/6/2006	2/21/2007	5/18/2007	10/29/2007	11/6/2004	11/6/2004	5/20/2005	6/22/2006	10/7/2006	2/20/2007	5/19/2007	10/27/2007	6/8/2009	10/14/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	12	ND < 5	ND < 5	25	5.6	5.5	9.5	34	37	69	17	ND < 5	19.7	14.8
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	8.1	ND < 5	ND < 5	7.3	160	150	110	450	450	440	430	220	85.1	66.8
1,1-Dichloroethene	520	26	ND < 5	ND < 5	38	500	500	430	**2300**	**2700**	**2300**	**2200**	**1200**	368	343
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	ND < 150	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	**7**	ND < 5	ND < 1	4.4
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	5.6	5.1	5.4	ND < 5	ND < 5	1.1	ND < 1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	**4.2**	**3.7**	ND < 2	**3.2**	**3.5**	ND < 1	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	0.024	0.0239	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	ND < 0.01	ND < 0.01	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D	MW-20D
	Date	11/7/2004	5/17/2005	6/22/2006	10/7/2006	2/19/2007	5/17/2007	10/28/2007	11/7/2004	5/17/2005	6/21/2006	10/8/2006	2/20/2007	5/18/2007	10/28/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	0.15	--	--	--	--	--	--	0.175	--	--	--	--	--	--
Chromium	0.1	ND < 0.01	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-20D	MW-20D	MW-20S	MW-20S	MW-20S	MW-21	MW-21	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22	MW-22
	Date	6/3/2009	10/19/2009	11/7/2004	5/17/2005	10/28/2007	11/7/2004	5/17/2005	11/3/2004	5/17/2005	6/18/2006	10/4/2006	2/17/2007	5/15/2007	10/24/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	ND < 60	ND < 150	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 5	ND < 10	ND < 50	ND < 50	ND < 10	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 5	ND < 25	ND < 20	ND < 50	ND < 50	ND < 20	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 1	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	0.0707	--	--	0.0254	--	0.0248	--	--	--	--	--	--
Chromium	0.1	--	--	ND < 0.01	--	--	ND < 0.01	--	ND < 0.01	--	--	--	--	--	ND < 0.01
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-24	MW-24	MW-25D	MW-25D	MW-25D
	Date	11/4/2004	5/20/2005	6/23/2006	10/7/2006	2/21/2007	5/17/2007	10/25/2007	6/10/2009	10/16/2009	11/5/2004	5/18/2005	11/7/2004	5/18/2005	6/24/2006
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	120	45	9.1	29	ND < 5	ND < 5	55	ND < 1	2.5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	**780**	210	61	170	ND < 5	43	290	1.7	11.8	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	ND < 150	ND < 150	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 50	ND < 10	ND < 50	ND < 50
Acetone	46000	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 50	ND < 20	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	11	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	**16**	**8.9**	**7.7**	**6.9**	ND < 2	**5.3**	**23**	ND < 1	**9.5**	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	0.172	--	--	--	--	--	--	--	--	ND < 0.02	--	0.0204	--	--
Chromium	0.1	0.0106	ND < 0.01	--	--	--	--	--	--	--	ND < 0.01	--	ND < 0.01	--	--
Chromium, hexavalent	Not Regulated	--	ND < 0.01	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-25D	MW-25D	MW-25D	MW-25D	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-25DRX	MW-26D	MW-26D	MW-26D
	Date	10/7/2006	2/20/2007	5/17/2007	10/26/2007	11/6/2004	5/17/2005	6/24/2006	10/7/2006	2/20/2007	5/17/2007	10/26/2007	11/7/2004	5/18/2005	6/23/2006
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	0.0272	--	--	--	--	--	--	ND < 0.02	--	--
Chromium	0.1	--	--	--	--	ND < 0.01	--	--	--	--	--	--	ND < 0.01	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-26D	MW-26D	MW-26D	MW-26D	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-27D
	Date	10/8/2006	2/20/2007	5/18/2007	10/27/2007	11/6/2004	5/17/2005	6/22/2006	10/8/2006	2/21/2007	5/18/2007	10/27/2007	6/7/2009	10/16/2009	11/6/2004
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	16	48	ND < 5	25	150	4.7	ND < 1	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	8.4	10	ND < 5	10	13	2.3	1.5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	10	27	85	ND < 5	53	250	15.3	8.2	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	ND < 150	ND < 150	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	0.0348	--	--	--	--	--	--	--	--	0.0365
Chromium	0.1	--	--	--	--	ND < 0.01	--	--	--	--	--	--	--	--	ND < 0.01
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27D	MW-27S	MW-27S	MW-27S	MW-27S	MW-27S	MW-27S
	Date	5/17/2005	6/22/2006	10/8/2006	2/20/2007	5/18/2007	10/26/2007	6/4/2009	10/19/2009	11/6/2004	5/21/2005	6/22/2006	10/8/2006	2/20/2007	5/18/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	8	16	18	22
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	49	ND < 1	11.5	8.8	ND < 5	32	64	74	91
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	13	7.7	310	4.8	58.6	11	ND < 5	180	350	370	490
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	ND < 60	ND < 150	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	0.138	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-27S	MW-27S	MW-27S	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-28	MW-29	MW-29	MW-30	MW-30
	Date	10/26/2007	6/4/2009	10/19/2009	11/6/2004	5/17/2005	6/21/2006	10/6/2006	2/19/2007	5/16/2007	10/27/2007	11/6/2004	5/18/2005	11/3/2004	5/16/2005
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	2.6	9.2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	10	16.2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	12	59	119	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	ND < 60	ND < 150	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	210	ND < 5	ND < 5	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	ND < 50	ND < 10	ND < 50
Acetone	46000	260	ND < 5	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	ND < 50	ND < 20	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 1	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 1	1.1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	0.055	--	--	--	--	--	--	0.0859	--	0.0302	--
Chromium	0.1	--	--	--	ND < 0.01	--	--	--	--	--	--	ND < 0.01	--	ND < 0.01	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-31	MW-31	MW-31	MW-32	MW-32	MW-32	MW-32	MW-32	MW-32	MW-33	MW-34	MW-34	MW-35	MW-35
	Date	11/3/2004	5/19/2005	10/24/2007	5/17/2005	6/20/2006	10/4/2006	2/17/2007	5/16/2007	10/25/2007	5/19/2005	5/19/2005	10/24/2007	5/20/2005	6/20/2006
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	--	15	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 10	ND < 50	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	--	ND < 50	ND < 50	--	ND < 50	ND < 50
Acetone	46000	ND < 20	ND < 50	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	--	ND < 50	ND < 50	--	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Chloroethane	28000	ND < 10	ND < 10	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	--	ND < 10	ND < 10	--	ND < 10	ND < 10
Chloroform	100	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Methylene chloride	120	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Freon-11	2000	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	--	ND < 10	ND < 10	--	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
o-Xylene	-	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	--	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	--	ND < 15	ND < 15	--	ND < 15	ND < 15
Styrene	2600	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Trichloroethene	34	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	ND < 2	ND < 2	--	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	ND < 0.02	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	ND < 0.01	ND < 0.01	ND < 0.01	ND < 0.01	--	--	--	--	ND < 0.01	ND < 0.01	ND < 0.01	ND < 0.01	--	--
Chromium, hexavalent	Not Regulated	--	ND < 0.01	--	ND < 0.01	--	--	--	--	--	ND < 0.01	ND < 0.01	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-35	MW-35	MW-35	MW-36D	MW-36D-DUP	MW-36D	MW-36D	MW-36D	MW-36D	MW-36D (DBS)	MW-36D	MW-36D	MW-36D
	Date	10/6/2006	2/17/2007	5/16/2007	5/21/2005	5/21/2005	6/24/2006	10/8/2006	2/21/2007	5/19/2007	5/19/2007	10/30/2007	6/3/2009	10/15/2009
VOC (µg/L)	**Type 3/4 GW RRS**													
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	7800	8200	3900	2400	2200	3100	2800	2400	820	893
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	460	450	500	360	460	580	690	660	560	951
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	**7800**	**8100**	**3900**	**3400**	**2500**	**3500**	**4300**	**3200**	**1200**	**1540**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	**17**	**18**	ND < 5	**6.8**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	ND < 600	ND < 750
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 125
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 50	--
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	12	21	19	17	31	44.7
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	7.6	ND < 5	ND < 5	ND < 10	ND < 5
Freon-11	2000	ND < 5	ND < 5	ND < 5	14	13	7.1	5.7	ND < 5	6.6	ND < 5	ND < 5	ND < 10	ND < 5
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	26	26	ND < 10	ND < 10	ND < 10	ND < 10	12	ND < 10	ND < 20	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	5.7	5.5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	5.6	ND < 5	ND < 10	ND < 5
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	26	26	ND < 15	ND < 15	ND < 15	ND < 15	17.6	ND < 15	ND < 30	ND < 15
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	**6.3**	ND < 5	ND < 10	**21.4**
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Trichloroethene	34	ND < 5	ND < 5	ND < 5	18	18	12	7.1	7.5	8.4	10	5.5	ND < 10	ND < 5
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 10	ND < 5
Metal (mg/L)														
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-36S	MW-36S	MW-36S-DUP	MW-36S	MW-36S-DUP	MW-36S	MW-36S-DUP	MW-36S	MW-36S-DUP	MW-36S (DBS)	MW-36S	MW-36S-DUP	MW-36S
	Date	5/21/2005	6/24/2006	6/24/2006	10/8/2006	10/8/2006	2/20/2007	2/20/2007	5/19/2007	5/19/2007	5/19/2007	10/30/2007	10/30/2007	6/3/2009
VOC (µg/L)	**Type 3/4 GW RRS**													
1,1,1-Trichloroethane	13600	12	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethane	4000	130	87	64	110	100	65	100	75	93	77	98	100	16
1,1-Dichloroethene	520	140	49	53	84	100	46	73	66	78	46	110	110	6.4
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	ND < 60
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Chloroethane	28000	110	86	79	95	100	47	81	69	75	52	65	67	17
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Vinyl chloride	3	**25**	**16**	**12**	**22**	**22**	**11**	**19**	**14**	**15**	**7.4**	**13**	**14**	1
Metal (mg/L)														
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-36S	MW-37	MW-37	MW-37	MW-37	MW-37	MW-37	MW-37	MW-38	MW-38	MW-38	MW-38	MW-38	MW-38
	Date	10/15/2009	5/21/2005	6/23/2006	10/9/2006	2/21/2007	5/19/2007	6/4/2009	10/14/2009	5/21/2005	6/18/2006	10/4/2006	2/17/2007	5/16/2007	10/24/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 1	1000	2100	1600	1100	1600	400	291	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	16.7	80	73	100	110	110	92	61.9	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	520	7.4	**1100**	**2200**	**2800**	**1400**	**2800**	**780**	**586**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	1.2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	ND < 150	--	--	--	--	--	ND < 600	ND < 150	--	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 25	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 50	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 1	ND < 5	ND < 5	**7.6**	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	14.9	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 5	7.2	7.9	ND < 5	ND < 5	ND < 10	1.1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 20	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	4.4	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 1	ND < 5	6.6	ND < 5	ND < 5	5.7	ND < 10	1.4	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 10	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-39D	MW-39D	MW-39D	MW-39D	MW-39D	MW-39D	MW-39S	MW-39S	MW-39S	MW-39S	MW-39S	MW-39S	MW-39S	MW-39S
	Date	5/20/2005	6/18/2006	10/4/2006	2/17/2007	5/15/2007	10/24/2007	5/20/2005	6/17/2006	10/4/2006	2/17/2007	5/15/2007	10/24/2007	6/6/2009	10/16/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	ND < 150	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	2.4	**6.3**
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	1.1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-40D	MW-40D	MW-41	MW-42	MW-42	MW-42	MW-42	MW-42	MW-42 (DBS)	MW-42	MW-42	MW-43D	MW-43D	MW-43S
	Date	5/21/2005	10/24/2007	5/19/2005	5/21/2005	6/22/2006	10/6/2006	2/19/2007	5/17/2007	5/17/2007	10/27/2007	6/3/2009	9/13/2007	10/25/2007	9/13/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	--	ND < 5	220	230	440	18	420	450	590	170	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	--	ND < 5	93	120	160	14	140	120	140	56	12	ND < 5	ND < 5
1,1-Dichloroethene	520	ND < 5	--	ND < 5	230	380	**680**	32	**720**	**800**	**970**	320	6.4	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	ND < 300	--	--	--
2-Butanone (MEK)	11800	ND < 50	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 50	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 25	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 10	--	ND < 10	14	19	17	ND < 10	14	14	16	ND < 5	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 10	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 15	--	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	**5.4**	**5.5**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 2	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 5	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	ND < 0.01	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-43S	MW-44D	MW-44D	MW-44S	MW-44S	MW-45D	MW-45S	MW-46D	MW-46D	MW-46D	MW-46I	MW-47D	MW-47D	MW-47D
	Date	10/25/2007	9/13/2007	10/28/2007	9/13/2007	10/25/2007	10/29/2007	10/27/2007	10/26/2007	6/7/2009	10/17/2009	10/26/2007	10/26/2007	6/6/2009	10/13/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dioxane	260	--	--	--	--	--	--	--	--	ND < 150	ND < 150	--	--	ND < 150	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 50	ND < 50	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 50	ND < 50	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 1	ND < 1
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 2	ND < 2
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	--	--
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 1	ND < 1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 1	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-47S	MW-47S	MW-47S	MW-48D	MW-48D	MW-48S	MW-48S	MW-49D	MW-50D	MW-50D	MW-50D	MW-51D	MW-51D	MW-51D
	Date	10/25/2007	6/5/2009	10/13/2009	10/26/2007	6/2/2009	10/26/2007	6/2/2009	10/29/2007	10/29/2007	6/3/2009	10/14/2009	10/28/2007	6/4/2009	10/15/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 1	ND < 1	690	450	730	170	ND < 5	430	92	48.7	ND < 5	31	62.6
1,1,2-Trichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	7.9	5.2	160	110	230	110	ND < 5	17	8.6	5.6	18	19	21.4
1,1-Dichloroethene	520	51	76.2	55.2	**1500**	**1400**	**2200**	**1100**	ND < 5	**570**	180	99.2	ND < 5	56	135
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	6.8	6.7	5.9
1,4-Dioxane	260	--	ND < 150	ND < 150	--	ND < 1200	--	ND < 1200	--	--	ND < 60	ND < 150	--	ND < 60	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 5	ND < 5	ND < 50	ND < 100	ND < 50	ND < 100	ND < 50	ND < 50	ND < 5	ND < 5	ND < 50	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 25	ND < 25	ND < 50	ND < 100	ND < 50	ND < 100	ND < 50	ND < 50	ND < 5	ND < 25	ND < 50	ND < 5	ND < 25
Carbon disulfide	4000	ND < 5	--	--	ND < 5	ND < 100	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	--
Carbon tetrachloride	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
Chloroethane	28000	ND < 10	ND < 1	ND < 1	ND < 10	ND < 20	ND < 10	ND < 20	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	4.9	ND < 1
Chloroform	100	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
Methylene chloride	120	ND < 5	ND < 2	ND < 2	9.2	ND < 20	5.4	ND < 20	ND < 5	ND < 5	ND < 1	ND < 2	ND < 5	ND < 1	ND < 2
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 2	ND < 2	ND < 10	ND < 40	ND < 10	ND < 40	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	--	ND < 5	--	ND < 5	ND < 5	--	--	ND < 5	--	--
o-Xylene	-	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 3	ND < 3	ND < 15	ND < 60	ND < 15	ND < 60	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 1	ND < 1	ND < 5	ND < 20	ND < 5	ND < 20	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 1	ND < 1
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 20	**7.7**	ND < 20	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 1	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-52D	MW-52D	MW-52D	MW-54D	MW-54D	MW-55D	MW-56D	MW-57D	MW-57D	MW-57I	MW-58D	MW-58D-DUP	MW-58D	MW-58D
	Date	10/28/2007	6/6/2009	10/16/2009	10/27/2007	6/4/2009	11/6/2007	10/29/2007	10/30/2007	6/4/2009	10/30/2007	10/30/2007	10/30/2007	6/3/2009	10/14/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	2.2	2.6	580	560	18	ND < 5	9600	3300	33	170	160	24	14.3
1,1,2-Trichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	1.6	2.3	110	100	26	ND < 5	260	320	5.8	300	240	190	140
1,1-Dichloroethene	520	ND < 5	3.2	3.7	**800**	**1100**	20	ND < 5	**16000**	**5600**	61	**520**	360	200	145
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	**36**	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dioxane	260	--	ND < 150	ND < 150	--	ND < 600	--	--	--	ND < 6000	--	--	--	ND < 60	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 5	ND < 5	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 500	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 25	ND < 25	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 500	ND < 50	ND < 50	ND < 50	ND < 5	ND < 25
Carbon disulfide	4000	ND < 5	--	--	ND < 5	ND < 50	ND < 5	ND < 5	ND < 5	ND < 500	ND < 5	ND < 5	ND < 5	ND < 5	--
Carbon tetrachloride	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	28000	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 100	ND < 10	ND < 10	ND < 10	7.6	ND < 1
Chloroform	100	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Methylene chloride	120	ND < 5	ND < 2	ND < 2	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 2
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	19	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 2	ND < 2	ND < 10	ND < 20	ND < 10	ND < 10	ND < 10	ND < 200	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	--	ND < 5	ND < 5	11	--	ND < 5	ND < 5	ND < 5	--	--
o-Xylene	-	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 3	ND < 3	ND < 15	ND < 30	ND < 15	ND < 15	ND < 15	ND < 300	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	**11**	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 1	ND < 1	ND < 5	ND < 10	ND < 5	ND < 5	**39**	ND < 100	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Vinyl chloride	3	ND < 2	ND < 1	ND < 1	ND < 2	ND < 10	ND < 2	ND < 2	ND < 2	ND < 100	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-58S	MW-58S	MW-59D	MW-59I	MW-60D	MW-60D	MW-60D	MW-61	MW-61	MW-62	MW-62	MW-63	MW-63	MW-64
	Date	10/30/2007	6/3/2009	10/28/2007	10/28/2007	10/28/2007	6/4/2009	10/15/2009	6/7/2009	10/17/2009	6/10/2009	10/18/2009	6/8/2009	10/14/2009	6/8/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	70	43	92	ND < 5	3300	1100	1480	ND < 1	ND < 1	ND < 1	ND < 1	11.8	36.9	4990
1,1,2-Trichloroethane	5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	2.2
1,1-Dichloroethane	4000	320	1400	190	ND < 5	180	180	136	ND < 1	ND < 1	ND < 1	ND < 1	11.4	28.9	206
1,1-Dichloroethene	520	330	**1500**	130	ND < 5	**4100**	**1500**	**2250**	ND < 1	ND < 1	ND < 1	ND < 1	418	**941**	**1960**
1,2-Dichloroethane	5	ND < 5	ND < 10	ND < 5	ND < 5	**9.4**	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	3.5
1,4-Dichlorobenzene	75	ND < 5	ND < 10	5.3	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
1,4-Dioxane	260	--	ND < 600	--	--	--	ND < 1200	ND < 1500	ND < 150	ND < 150	ND < 150	ND < 150	ND < 150	ND < 300	**467**
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 100	ND < 50	32.5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 100	ND < 250	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25	ND < 50	ND < 25
Carbon disulfide	4000	ND < 5	ND < 50	ND < 5	ND < 5	ND < 5	ND < 100	--	--	--	--	--	--	--	--
Carbon tetrachloride	5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
Chloroethane	28000	13	230	ND < 10	ND < 10	ND < 10	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
Chloroform	100	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
Methylene chloride	120	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 20	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 4	10.1 B
Ethyl benzene	700	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
Freon-11	2000	ND < 5	ND < 10	ND < 5	ND < 5	12	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
m&p-Xylene	-	ND < 10	ND < 20	ND < 10	ND < 10	ND < 10	ND < 40	ND < 20	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 4	4.4
Methylcyclohexane	Not Regulated	ND < 5	--	ND < 5	ND < 5	ND < 5	--	--	--	--	--	--	--	--	--
o-Xylene	-	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
Xylenes (total)	10000	ND < 15	ND < 30	ND < 15	ND < 15	ND < 15	ND < 60	ND < 30	ND < 3	ND < 3	ND < 3	ND < 3	ND < 3	ND < 6	ND < 3
Styrene	2600	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
Tetrachloroethene	5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	1.4
Toluene	5200	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	2.5
trans-1,2-Dichloroethene	160	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
Trichloroethene	34	ND < 5	ND < 10	ND < 5	ND < 5	12	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	3
Vinyl chloride	3	ND < 2	**69**	ND < 2	ND < 2	ND < 2	ND < 20	ND < 10	ND < 1	ND < 1	ND < 1	ND < 1	ND < 1	ND < 2	1.2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-64	MW-65D	MW-65S	MW-66	MW-66	MW-W	MW-W	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1	SBW-1
	Date	10/14/2009	6/8/2009	6/8/2009	6/7/2009	10/14/2009	11/6/2004	5/18/2005	3/17/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007	6/10/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	5390	178	255	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1,2-Trichloroethane	5	ND < 20	ND < 2	**6.9**	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethane	4000	226	19.9	321	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethene	520	**2540**	232	**7970**	1.7	1.8	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,2-Dichloroethane	5	ND < 20	ND < 2	**23.7**	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dichlorobenzene	75	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dioxane	260	ND < 3000	ND < 300	**868**	ND < 150	ND < 150	--	--	--	--	--	--	--	--	ND < 150
2-Butanone (MEK)	11800	ND < 100	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 50	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5
Acetone	46000	ND < 500	ND < 50	ND < 25	ND < 25	ND < 25	ND < 20	ND < 50	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25
Carbon disulfide	4000	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Carbon tetrachloride	5	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Chloroethane	28000	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1
Chloroform	100	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
cis-1,2-Dichloroethene	370	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Methylene chloride	120	ND < 40	ND < 4	3.3 B	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2
Ethyl benzene	700	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Freon-11	2000	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
m&p-Xylene	-	ND < 40	ND < 4	ND < 2	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2
Methylcyclohexane	Not Regulated	--	--	--	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
o-Xylene	-	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Xylenes (total)	10000	ND < 60	ND < 6	ND < 3	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3
Styrene	2600	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Tetrachloroethene	5	ND < 20	ND < 2	1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Toluene	5200	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
trans-1,2-Dichloroethene	160	ND < 20	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Trichloroethene	34	ND < 20	ND < 2	5.3	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Vinyl chloride	3	ND < 20	ND < 2	**12.5**	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	ND < 0.02	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	ND < 0.01	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	SBW-1	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-2	SBW-3	SBW-3	SBW-3	SBW-3	SBW-3
	Date	10/20/2009	3/17/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007	6/10/2009	10/20/2009	3/17/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	5.3	6	12
1,1-Dichloroethene	520	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	13	21	24	50
1,2-Dichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	ND < 150	--	--	--	--	--	--	ND < 150	ND < 150	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50
Acetone	46000	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50
Carbon disulfide	4000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

Sample ID		SBW-3	SBW-3	SBW-3	SBW-4	SBW-4-DUP	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4	SBW-4-DUP	SBW-4	SBW-4-DUP	SBW-4
Date		10/23/2007	6/10/2009	10/20/2009	3/17/2005	3/17/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007	10/23/2007	6/10/2009	6/10/2009	10/20/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	ND < 5	ND < 1	ND < 1	100	100	60	74	93	100	90	110	86.9	85.8	77.3
1,1,2-Trichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	29.7	19.3	34	34	43	44	45	70	52	65	56.1	52.3	45
1,1-Dichloroethene	520	24	121	92.7	130	120	89	110	110	150	120	160	138	141	130
1,2-Dichloroethane	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
1,4-Dioxane	260	--	ND < 150	ND < 150	--	--	--	--	--	--	--	--	ND < 150	ND < 150	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 5	ND < 5	ND < 10	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 25	ND < 25	ND < 20	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--
Carbon tetrachloride	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Chloroethane	28000	ND < 10	1.5	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	1.6	ND < 1	ND < 1
Chloroform	100	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Methylene chloride	120	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 2
Ethyl benzene	700	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 2	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	--	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	--
o-Xylene	-	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 3	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	33	9.7	ND < 1	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 1	1.8	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	1.1	1	ND < 1
Vinyl chloride	3	ND < 2	2.1	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

Sample ID		SBW-4-DUP	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-5	SBW-6	SBW-6	SBW-6	SBW-6	SBW-7
Date		10/20/2009	3/17/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/23/2007	6/10/2009	10/20/2009	3/18/2005	6/10/2005	6/25/2006	10/10/2006	3/18/2005
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	79.1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	190	--	250	53	10
1,1,2-Trichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	46.5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	1	ND < 1	180	--	370	250	37
1,1-Dichloroethene	520	139	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	1	ND < 1	150	--	180	140	5.4
1,2-Dichloroethane	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
1,4-Dioxane	260	ND < 150	--	--	--	--	--	--	ND < 150	ND < 150	--	--	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 10	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	--	ND < 50	ND < 50	ND < 10
Acetone	46000	ND < 25	ND < 20	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	--	ND < 50	ND < 50	ND < 20
Carbon disulfide	4000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	--	ND < 5	ND < 5	ND < 5
Carbon tetrachloride	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
Chloroethane	28000	ND < 1	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	--	ND < 10	ND < 10	ND < 10
Chloroform	100	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
cis-1,2-Dichloroethene	370	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
Methylene chloride	120	ND < 2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	--	ND < 5	ND < 5	ND < 5
Ethyl benzene	700	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
Freon-11	2000	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
m&p-Xylene	-	ND < 2	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	--	ND < 10	ND < 10	ND < 10
Methylcyclohexane	Not Regulated	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	--	ND < 5	ND < 5	ND < 5
o-Xylene	-	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
Xylenes (total)	10000	ND < 3	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	--	ND < 15	ND < 15	ND < 15
Styrene	2600	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
Tetrachloroethene	5	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
Trichloroethene	34	ND < 1	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5
Vinyl chloride	3	ND < 1	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1	ND < 2	--	**18**	**21**	ND < 2
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0355
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--	--	--	--	--	0.0202	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7	SBW-7	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8	SBW-8
	Date	6/10/2005	6/25/2006	10/11/2006	2/22/2007	5/19/2007	10/24/2007	3/18/2005	6/10/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/24/2007	6/10/2009
VOC (µg/L)	**Type 3/4 GW RRS**														
1,1,1-Trichloroethane	13600	--	46	54	100	110	35	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1,2-Trichloroethane	5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethane	4000	--	170	160	230	290	190	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,1-Dichloroethene	520	--	22	28	45	53	23	6.4	--	ND < 5	ND < 5	ND < 5	5	ND < 5	7
1,2-Dichloroethane	5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dichlorobenzene	75	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
1,4-Dioxane	260	--	--	--	--	--	--	--	--	--	--	--	--	--	ND < 150
2-Butanone (MEK)	11800	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 10	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5
Acetone	46000	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 20	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25
Carbon disulfide	4000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
Carbon tetrachloride	5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Chloroethane	28000	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1
Chloroform	100	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
cis-1,2-Dichloroethene	370	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Methylene chloride	120	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2
Ethyl benzene	700	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Freon-11	2000	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
m&p-Xylene	-	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2
Methylcyclohexane	Not Regulated	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--
o-Xylene	-	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Xylenes (total)	10000	--	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	--	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3
Styrene	2600	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Tetrachloroethene	5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Toluene	5200	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
trans-1,2-Dichloroethene	160	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Trichloroethene	34	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1
Vinyl chloride	3	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	--	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1
Metal (mg/L)															
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	ND < 0.01	--	--	--	--	--	--	ND < 0.01	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	SBW-8	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-9	SBW-10	SBW-10	SBW-10
	Date	10/20/2009	3/18/2005	6/16/2005	6/25/2006	10/10/2006	2/22/2007	5/19/2007	10/24/2007	6/10/2009	10/20/2009	3/18/2005	6/13/2005	6/25/2006
VOC (µg/L)	**Type 3/4 GW RRS**													
1,1,1-Trichloroethane	13600	ND < 1	25	--	82	150	200	260	90	174	121	ND < 5	--	ND < 5
1,1,2-Trichloroethane	5	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
1,1-Dichloroethane	4000	ND < 1	17	--	73	65	73	100	45	46.3	29.9	ND < 5	--	ND < 5
1,1-Dichloroethene	520	7.2	100	--	180	420	**580**	**790**	260	499	389	ND < 5	--	ND < 5
1,2-Dichloroethane	5	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
1,4-Dichlorobenzene	75	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
1,4-Dioxane	260	ND < 150	--	--	--	--	--	--	--	ND < 150	ND < 150	--	--	--
2-Butanone (MEK)	11800	ND < 5	ND < 10	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5	ND < 10	--	ND < 50
Acetone	46000	ND < 25	ND < 20	--	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25	ND < 20	--	ND < 50
Carbon disulfide	4000	--	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	--	ND < 5
Carbon tetrachloride	5	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
Chloroethane	28000	ND < 1	ND < 10	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1	ND < 10	--	ND < 10
Chloroform	100	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
cis-1,2-Dichloroethene	370	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
Methylene chloride	120	ND < 2	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2	ND < 5	--	ND < 5
Ethyl benzene	700	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
Freon-11	2000	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
m&p-Xylene	-	ND < 2	ND < 10	--	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2	ND < 10	--	ND < 10
Methylcyclohexane	Not Regulated	--	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	--	--	ND < 5	--	ND < 5
o-Xylene	-	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
Xylenes (total)	10000	ND < 3	ND < 15	--	ND < 15	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3	ND < 15	--	ND < 15
Styrene	2600	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
Tetrachloroethene	5	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
Toluene	5200	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
trans-1,2-Dichloroethene	160	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 5	--	ND < 5
Trichloroethene	34	ND < 1	ND < 5	--	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	1.9	ND < 5	--	ND < 5
Vinyl chloride	3	ND < 1	ND < 2	--	**21**	**11**	**5.5**	**13**	**13**	2.6	ND < 1	ND < 2	--	ND < 2
Metal (mg/L)														
Barium	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	0.1	--	ND < 0.01	--	--	--	--	--	--	--	--	ND < 0.01	--	--
Chromium, hexavalent	Not Regulated	--	--	ND < 0.01	--	--	--	--	--	--	--	--	ND < 0.01	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-6 Summary of Groundwater Analyses
2004-2009
Avery Dennison Site
Flowery Branch, Georgia

Sample ID / Date		SBW-10 10/10/2006	SBW-10 2/22/2007	SBW-10 5/19/2007	SBW-10 10/24/2007	SBW-10 6/10/2009	SBW-10 10/20/2009
VOC (µg/L)	**Type 3/4 GW RRS**						
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,1-Dichloroethene	520	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dichlorobenzene	75	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
1,4-Dioxane	260	--	--	--	--	ND < 150	ND < 150
2-Butanone (MEK)	11800	ND < 50	ND < 50	ND < 50	ND < 50	ND < 5	ND < 5
Acetone	46000	ND < 50	ND < 50	ND < 50	ND < 50	ND < 25	ND < 25
Carbon disulfide	4000	ND < 5	ND < 5	ND < 5	ND < 5	--	--
Carbon tetrachloride	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Chloroethane	28000	ND < 10	ND < 10	ND < 10	ND < 10	ND < 1	ND < 1
Chloroform	100	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
cis-1,2-Dichloroethene	370	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Methylene chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 2	ND < 2
Ethyl benzene	700	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Freon-11	2000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
m&p-Xylene	-	ND < 10	ND < 10	ND < 10	ND < 10	ND < 2	ND < 2
Methylcyclohexane	Not Regulated	ND < 5	ND < 5	ND < 5	ND < 5	--	--
o-Xylene	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Xylenes (total)	10000	ND < 15	ND < 15	ND < 15	ND < 15	ND < 3	ND < 3
Styrene	2600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Tetrachloroethene	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
trans-1,2-Dichloroethene	160	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Trichloroethene	34	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1
Vinyl chloride	3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 1	ND < 1
Metal (mg/L)							
Barium	7.3	--	--	--	--	--	--
Chromium	0.1	--	--	--	--	--	--
Chromium, hexavalent	Not Regulated	--	--	--	--	--	--

Notes:
1) Only compounds detected above laboratory quantitation limits (PQL) are shown.
2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.
4)Detections in excess of Type 3/4 groundwater RRS are shaded.
5)\Type 3/4 GW RRS's referenced from "Response to January 23,2009 Comments for March 2008 Revised Compliance Status Report and May 2008 Corrective Action Plan".
6) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.
7) Samples collected using a polyethylene diffusion bag are indicated by (DBS).
8) B indicates that the analyte was found in the associated laboratory blank, as well as in the sample.

Table 4-7
Summary of Surface Water Results (VOCs): 2005-2009
Avery Dennison Site
Flowery Branch, GA

VOCs (ug/L)	In-stream Water Quality Criteria	SW-0 6/10/2009	SW-0 10/20/2009	SW-1 3/15/2005	SW-1 6/23/2006	SW-1 10/10/2006	SW-1 2/22/2007	SW-1 5/19/2007
1,1-Dichloroethane	-	1.1	ND < 1.0	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3.2	**3.6**	2.8	ND < 5	**10**	**9.4**	**6.5**	**10**
1,1,1-Trichloroethane	-	1.8	1.2	ND < 5	8.6	ND < 5	ND < 5	7.8
Metals (mg/L)								
Ferrous Iron	-	-	-	-	-	ND < 0.1	0.12	0.12
Iron	-	-	-	-	-	1.35	1.2	2.27
Physical Parameters (mg/L)								
Alkalinity, Carbonate	-	-	-	-	-	20	15.7	26.4
Nitrate	-	-	-	-	-	0.29	0.53	0.34
Sulfate	-	-	-	-	-	1.6	2.2	ND < 1
Total Organic Carbon (TOC)	-	-	-	-	4.15	-	-	-

Notes:

1) All concentrations are expressed micrograms per Liter (µg/L).

2) Only analytes detected above laboratory quantitation limits (PQL) are shown.

3) "-" indicates sample not analyzed for indicated parameter

4) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.

5) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.

6) Of the compounds detected in site surface water, only 1,1-Dichlorethene has an in-stream water quality criterion.

7) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-7
Summary of Surface Water Results (VOCs): 2005-2009
Avery Dennison Site
Flowery Branch, GA

VOCs (ug/L)	In-stream Water Quality Criteria	SW-1 10/23/2007	SW-1 6/10/2009	SW-1-DUP 6/10/2009	SW-1 10/20/2009	SW-1-DUP 10/20/2009	SW-2 3/15/2005	SW-2 6/25/2006
1,1-Dichloroethane	-	5.2	1.4	1.3	ND < 1	ND < 1	ND < 5	ND < 5
1,1-Dichloroethene	3.2	**19**	**5.0**	**5.4**	2.8	3.0	ND < 5	ND < 5
1,1,1-Trichloroethane	-	9	2.5	2.5	1.2	1.3	ND < 5	ND < 5
Metals (mg/L)								
Ferrous Iron	-	-	-	-	-	-	-	-
Iron	-	-	-	-	-	-	-	-
Physical Parameters (mg/L)								
Alkalinity, Carbonate	-	-	-	-	-	-	-	-
Nitrate	-	-	-	-	-	-	-	-
Sulfate	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	4.57

Notes:

1) All concentrations are expressed micrograms per Liter (µg/L).

2) Only analytes detected above laboratory quantitation limits (PQL) are shown.

3) "-" indicates sample not analyzed for indicated parameter

4) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.

5) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.

6) Of the compounds detected in site surface water, only 1,1-Dichlorethene has an in-stream water quality criterion.

7) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-7
Summary of Surface Water Results (VOCs): 2005-2009
Avery Dennison Site
Flowery Branch, GA

VOCs (ug/L)	In-stream Water Quality Criteria	SW-2 10/10/2006	SW-2 2/22/2007	SW-2 5/19/2007	SW-2 10/23/2007	SW-2 6/10/2009	SW-2 10/20/2009	SW-3 3/15/2005
1,1-Dichloroethane	-	ND < 5	ND < 5	5.7	12	1.8	ND < 1.0	ND < 5
1,1-Dichloroethene	3.2	**14**	**6.7**	**24**	**47**	**6.5**	**3.3**	ND < 5
1,1,1-Trichloroethane	-	7.7	ND < 5	18	25	3.4	1.5	ND < 5
Metals (mg/L)								
Ferrous Iron	-	ND < 0.1	ND < 0.1	0.1	-	-	-	-
Iron	-	1.51	1.13	2.03	-	-	-	-
Physical Parameters (mg/L)								
Alkalinity, Carbonate	-	17.3	16.4	27.7	-	-	-	-
Nitrate	-	0.76	0.28	ND < 0.25	-	-	-	-
Sulfate	-	1.7	2.4	1.1	-	-	-	-
Total Organic Carbon (TOC)	-	-	-	-	-	-	-	-

Notes:

1) All concentrations are expressed micrograms per Liter (µg/L).

2) Only analytes detected above laboratory quantitation limits (PQL) are shown.

3) "-" indicates sample not analyzed for indicated parameter

4) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.

5) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.

6) Of the compounds detected in site surface water, only 1,1-Dichlorethene has an in-stream water quality criterion.

7) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-7
Summary of Surface Water Results (VOCs): 2005-2009
Avery Dennison Site
Flowery Branch, GA

VOCs (ug/L)	In-stream Water Quality Criteria	SW-3 6/25/2006	SW-3 10/10/2006	SW-3 2/22/2007	SW-3 5/19/2007	SW-3 10/23/2007	SW-3 6/10/2009	SW-3 10/20/2009
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1.0	ND < 1.0
1,1-Dichloroethene	3.2	ND < 5	ND < 5	ND < 5	**5.9**	ND < 5	1.6	1.2
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1.0	ND < 1.0
Metals (mg/L)								
Ferrous Iron	-	-	ND < 0.1	0.11	0.11	-	-	-
Iron	-	-	1.49	3.38	2.27	-	-	-
Physical Parameters (mg/L)								
Alkalinity, Carbonate	-	-	15.5	16.2	27.5	-	-	-
Nitrate	-	-	ND < 0.25	ND < 0.25	ND < 0.25	-	-	-
Sulfate	-	-	1.6	2.3	ND < 1.0	-	-	-
Total Organic Carbon (TOC)	-	4.7	-	-	-	-	-	-

Notes:

1) All concentrations are expressed micrograms per Liter (µg/L).

2) Only analytes detected above laboratory quantitation limits (PQL) are shown.

3) "-" indicates sample not analyzed for indicated parameter

4) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.

5) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.

6) Of the compounds detected in site surface water, only 1,1-Dichlorethene has an in-stream water quality criterion.

7) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-7
Summary of Surface Water Results (VOCs): 2005-2009
Avery Dennison Site
Flowery Branch, GA

VOCs (ug/L)	In-stream Water Quality Criteria	SW-4 3/15/2005	SW-4 6/25/2006	SW-4 10/10/2006	SW-4 2/22/2007	SW-4 5/19/2007	SW-4 10/23/2007	SW-4 6/10/2009
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1.0
1,1-Dichloroethene	3.2	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	1.1
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 1.0
Metals (mg/L)								
Ferrous Iron	-	-	-	ND < 0.1	0.13	0.1	-	-
Iron	-	-	-	1.46	1.31	2.77	-	-
Physical Parameters (mg/L)								
Alkalinity, Carbonate	-	-	-	17	14	24	-	-
Nitrate	-	-	-	ND < 0.25	0.62	ND < 0.25	-	-
Sulfate	-	-	-	1.7	2.2	1.1	-	-
Total Organic Carbon (TOC)	-	-	5.12	-	-	-	-	-

Notes:

1) All concentrations are expressed micrograms per Liter (µg/L).

2) Only analytes detected above laboratory quantitation limits (PQL) are shown.

3) "-" indicates sample not analyzed for indicated parameter

4) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.

5) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.

6) Of the compounds detected in site surface water, only 1,1-Dichlorethene has an in-stream water quality criterion.

7) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-7
Summary of Surface Water Results (VOCs): 2005-2009
Avery Dennison Site
Flowery Branch, GA

VOCs (ug/L)	In-stream Water Quality Criteria	SW-4 10/20/2009	SW-5 3/15/2005	SW-5 6/25/2006	SW-5 10/10/2006	SW-5 2/22/2007	SW-5 5/19/2007	SW-5 10/23/2007
1,1-Dichloroethane	-	ND < 1.0	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3.2	ND < 1.0	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,1-Trichloroethane	-	ND < 1.0	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Metals (mg/L)								
Ferrous Iron	-	-	-	-	ND < 0.1	0.26	0.24	-
Iron	-	-	-	-	2.09	1.54	3.93	-
Physical Parameters (mg/L)								
Alkalinity, Carbonate	-	-	-	-	12.9	15.7	29.8	-
Nitrate	-	-	-	-	ND < 0.25	0.68	ND < 0.25	-
Sulfate	-	-	-	-	1.7	2.5	ND < 1	-
Total Organic Carbon (TOC)	-	-	-	5.25	-	-	-	-

Notes:

1) All concentrations are expressed micrograms per Liter (µg/L).

2) Only analytes detected above laboratory quantitation limits (PQL) are shown.

3) "-" indicates sample not analyzed for indicated parameter

4) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.

5) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.

6) Of the compounds detected in site surface water, only 1,1-Dichlorethene has an in-stream water quality criterion.

7) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-7
Summary of Surface Water Results (VOCs): 2005-2009
Avery Dennison Site
Flowery Branch, GA

VOCs (ug/L)	In-stream Water Quality Criteria	SW-5 6/10/2009	SW-5 10/20/2009	SW-6 3/15/2005	SW-6 6/25/2006	SW-6 10/10/2006	SW-6 2/22/2007	SW-6 5/19/2007
1,1-Dichloroethane	-	ND < 1.0	ND < 1.0	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	3.2	ND < 1.0	ND < 1.0	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,1-Trichloroethane	-	ND < 1.0	ND < 1.0	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Metals (mg/L)								
Ferrous Iron	-	-	-	-	-	ND < 0.1	0.13	ND < 0.1
Iron	-	-	-	-	-	2.56	1.7	3.07
Physical Parameters (mg/L)								
Alkalinity, Carbonate	-	-	-	-	-	ND < 10	17.3	19.8
Nitrate	-	-	-	-	-	ND < 0.25	0.41	ND < 0.25
Sulfate	-	-	-	-	-	1.8	2.6	ND < 1.0
Total Organic Carbon (TOC)	-	-	-	-	5.58	-	-	-

Notes:

1) All concentrations are expressed micrograms per Liter (µg/L).

2) Only analytes detected above laboratory quantitation limits (PQL) are shown.

3) "-" indicates sample not analyzed for indicated parameter

4) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.

5) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.

6) Of the compounds detected in site surface water, only 1,1-Dichlorethene has an in-stream water quality criterion.

7) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-7
Summary of Surface Water Results (VOCs): 2005-2009
Avery Dennison Site
Flowery Branch, GA

VOCs (ug/L)	In-stream Water Quality Criteria	SW-6 10/23/2007	SW-6 10/20/2009
1,1-Dichloroethane	-	ND < 5	ND < 1.0
1,1-Dichloroethene	3.2	ND < 5	ND < 1.0
1,1,1-Trichloroethane	-	ND < 5	ND < 1.0
Metals (mg/L)			
Ferrous Iron	-	-	-
Iron	-	-	-
Physical Parameters (mg/L)			
Alkalinity, Carbonate	-	-	-
Nitrate	-	-	-
Sulfate	-	-	-
Total Organic Carbon (TOC)	-	-	-

Notes:

1) All concentrations are expressed micrograms per Liter (µg/L).

2) Only analytes detected above laboratory quantitation limits (PQL) are shown.

3) "-" indicates sample not analyzed for indicated parameter

4) Non-Detects are expressed as "ND < #", where # is the laboratory PQL.

5) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.

6) Of the compounds detected in site surface water, only 1,1-Dichlorethene has an in-stream water quality criterion.

7) Detections of 1,1-Dichloroethene in excess of In-Stream Water Quality Criteria are shown in bold and shaded.

Table 4-8
Summary of Volatile Organic Compound Analyses in Soil Vapor: February 2007
Avery Dennison Site
Flowery Branch, Georgia

	SV-01D	SV-01D	SV-01S	SV-01S	SV-02D	SV-02D
	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007
	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3
VOC (TO-15)						
1,1,1-Trichloroethane	180000	1000000	730	4000	6000	33000
1,1-Dichloroethane	7500	30000	ND < 7.8	ND < 7.8	660	2700
1,1-Dichloroethene	900000 E	3600000 E	2200	8600	26000	100000
1,2-Dichloroethane	3300	13000	ND < 7.8	ND < 7.8	ND < 140	ND < 140
2,2,4-Trimethylpentane	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
2-Butanone (MEK)	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Acetone	14000	34000	ND < 31	ND < 31	ND < 540	ND < 540
Benzene	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Bromodichloromethane	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Butadiene	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Carbon disulfide	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Chloroform	ND < 2200	ND < 2200	62	300	ND < 140	ND < 140
Cyclohexane	ND < 2200	ND < 2200	26	91	ND < 140	ND < 140
Dichloromethane	10000	36000	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Ethanol	ND < 8900	ND < 8900	41	78	ND < 540	ND < 540
Ethyl benzene	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Freon-11	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Freon-113	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Heptane	ND < 2200	ND < 2200	19	78	ND < 140	ND < 140
Hexane	ND < 2200	ND < 2200	30	100	ND < 140	ND < 140
Isopropyl Alcohol	32000	79000	ND < 31	ND < 31	78000 E	190000 E
m&p-Xylene	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
o-Xylene	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Tetrachloroethene	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Toluene	7400	28000	ND < 7.8	ND < 7.8	ND < 140	ND < 140
Vinyl chloride	ND < 2200	ND < 2200	ND < 7.8	ND < 7.8	ND < 140	ND < 140

ND < ## = not detected at concentrations above the probable quantitation limit provided.
Note: Only compounds detected above the PQL are shown.

Table 4-8
Summary of Volatile Organic Compound Analyses in Soil Vapor: February 2007
Avery Dennison Site
Flowery Branch, Georgia

	SV-02S	SV-02S	SV-02S Lab Duplicate	SV-02S Lab Duplicate	SV-02S-DUP	SV-02S-DUP	SV-02S-DUP Lab Duplicate	SV-02S-DUP Lab Duplicate
	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007
	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3
VOC (TO-15)								
1,1,1-Trichloroethane	36000	200000	33000	180000	320000	1800000	320000 E	1800000 E
1,1-Dichloroethane	2200	8800	2000	8100	22000	88000	22000	87000
1,1-Dichloroethene	30000	120000	28000	110000	200000	810000	200000	790000
1,2-Dichloroethane	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
2,2,4-Trimethylpentane	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
2-Butanone (MEK)	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Acetone	ND < 540	ND < 540	ND < 540	ND < 540	ND < 3900	ND < 3900	ND < 3100	ND < 3100
Benzene	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Bromodichloromethane	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Butadiene	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Carbon disulfide	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Chloroform	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Cyclohexane	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Dichloromethane	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Ethanol	ND < 540	ND < 540	ND < 540	ND < 540	ND < 3900	ND < 3900	ND < 3100	ND < 3100
Ethyl benzene	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Freon-11	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Freon-113	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Heptane	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Hexane	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Isopropyl Alcohol	ND < 540	ND < 540	ND < 540	ND < 540	ND < 3900	ND < 3900	ND < 3100	ND < 3100
m&p-Xylene	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
o-Xylene	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Tetrachloroethene	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780
Toluene	600	2200	500	1900	19000	71000	19000	73000
Vinyl chloride	ND < 140	ND < 140	ND < 140	ND < 140	ND < 980	ND < 980	ND < 780	ND < 780

ND < ## = not detected at concentrations above the probable quantitation limit provided.
Note: Only compounds detected above the PQL are shown.

Table 4-8
Summary of Volatile Organic Compound Analyses in Soil Vapor: February 2007
Avery Dennison Site
Flowery Branch, Georgia

	SV-03D	SV-03D	SV-03S	SV-03S	SV-04D	SV-04D	SV-04S	SV-04S	SV-05D	SV-05D	SV-05S	SV-05S	SV-06D	SV-06D
	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007
	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3
VOC (TO-15)														
1,1,1-Trichloroethane	150000	810000	1600	9000	67	370	ND < 0.98	ND < 0.98	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	1000	5500
1,1-Dichloroethane	17000	70000	28	120	77	310	ND < 0.98	ND < 0.98	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	1100	4500
1,1-Dichloroethene	1100000	4400000	7000	28000	ND < 64	ND < 64	ND < 0.98	ND < 0.98	1100	4300	590	2400	140000	540000
1,2-Dichloroethane	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	ND < 480	ND < 480
2,2,4-Trimethylpentane	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	ND < 480	ND < 480
2-Butanone (MEK)	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	3.3	9.8	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	ND < 480	ND < 480
Acetone	ND < 15000	ND < 15000	ND < 110	ND < 110	570	1400	5.8	14	79	190	ND < 10	ND < 10	ND < 1900	ND < 1900
Benzene	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	ND < 4.3	ND < 4.3	3.3	10	ND < 480	ND < 480
Bromodichloromethane	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	ND < 480	ND < 480
Butadiene	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	ND < 4.3	ND < 4.3	2.6	5.8	ND < 480	ND < 480
Carbon disulfide	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	22	67	3.6	11	590	1800
Chloroform	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	1.1	5.4	22	100	46	220	ND < 480	ND < 480
Cyclohexane	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	4.8	16	3.3	11	ND < 480	ND < 480
Dichloromethane	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	ND < 480	ND < 480
Ethanol	ND < 15000	ND < 15000	ND < 110	ND < 110	ND < 250	ND < 250	54	100	53	100	55	100	ND < 1900	ND < 1900
Ethyl benzene	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	1.9	8.4	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	ND < 480	ND < 480
Freon-11	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	1.8	10	ND < 4.3	ND < 4.3	3.2	18	ND < 480	ND < 480
Freon-113	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	100	770	28	220	640	4900
Heptane	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	1.4	5.7	20	82	7.9	32	ND < 480	ND < 480
Hexane	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	2.5	8.7	30	100	12	42	ND < 480	ND < 480
Isopropyl Alcohol	36000	89000	ND < 110	ND < 110	55000 E	130000 E	ND < 3.9	ND < 3.9	340	830	ND < 10	ND < 10	43000	100000
m&p-Xylene	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	3.9	17	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	ND < 480	ND < 480
o-Xylene	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	1.4	5.9	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	ND < 480	ND < 480
Tetrachloroethene	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	ND < 4.3	ND < 4.3	ND < 2.6	ND < 2.6	ND < 480	ND < 480
Toluene	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	2.7	10	ND < 4.3	ND < 4.3	4.7	18	ND < 480	ND < 480
Vinyl chloride	ND < 3800	ND < 3800	ND < 27	ND < 27	ND < 64	ND < 64	ND < 0.98	ND < 0.98	37	95	ND < 2.6	ND < 2.6	ND < 480	ND < 480

ND < ## = not detected at concentrations above the probable quantitation limit provided.
Note: Only compounds detected above the PQL are shown.

Table 4-8
Summary of Volatile Organic Compound Analyses in Soil Vapor: February 2007
Avery Dennison Site
Flowery Branch, Georgia

	SV-06S	SV-06S	SV-07D	SV-07D	SV-07S	SV-07S	SV-08D	SV-08D	SV-08S	SV-08S
	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007
	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3
VOC (TO-15)										
1,1,1-Trichloroethane	34	190	1000	5600	16	86	ND < 96	ND < 96	12	64
1,1-Dichloroethane	64	260	ND < 250	ND < 250	ND < 0.96	ND < 0.96	ND < 96	ND < 96	ND < 0.96	ND < 0.96
1,1-Dichloroethene	5400	21000	73000	290000	1.2	4.7	100	400	ND < 0.96	ND < 0.96
1,2-Dichloroethane	ND < 21	ND < 21	ND < 250	ND < 250	ND < 0.96	ND < 0.96	ND < 96	ND < 96	ND < 0.96	ND < 0.96
2,2,4-Trimethylpentane	ND < 21	ND < 21	ND < 250	ND < 250	ND < 0.96	ND < 0.96	ND < 96	ND < 96	ND < 0.96	ND < 0.96
2-Butanone (MEK)	ND < 21	ND < 21	270	790	2.4	7.2	ND < 96	ND < 96	ND < 0.96	ND < 0.96
Acetone	ND < 85	ND < 85	2000	4600	4.1	9.8	ND < 380	ND < 380	ND < 3.8	ND < 3.8
Benzene	ND < 21	ND < 21	ND < 250	ND < 250	1.5	4.7	ND < 96	ND < 96	1.5	4.8
Bromodichloromethane	ND < 21	ND < 21	ND < 250	ND < 250	1.1	7.6	ND < 96	ND < 96	1.3	8.4
Butadiene	ND < 21	ND < 21	ND < 250	ND < 250	ND < 0.96	ND < 0.96	ND < 96	ND < 96	ND < 0.96	ND < 0.96
Carbon disulfide	ND < 21	ND < 21	510	1600	2.8	8.7	ND < 96	ND < 96	2.4	7.4
Chloroform	25	120	ND < 250	ND < 250	18	91	ND < 96	ND < 96	17	84
Cyclohexane	ND < 21	ND < 21	ND < 250	ND < 250	1.2	4.2	ND < 96	ND < 96	1.4	4.7
Dichloromethane	ND < 21	ND < 21	ND < 250	ND < 250	ND < 0.96	ND < 0.96	ND < 96	ND < 96	ND < 0.96	ND < 0.96
Ethanol	ND < 85	ND < 85	ND < 1000	ND < 1000	18	33	ND < 380	ND < 380	18	35
Ethyl benzene	ND < 21	ND < 21	ND < 250	ND < 250	3.1	13	ND < 96	ND < 96	2.6	11
Freon-11	ND < 21	ND < 21	ND < 250	ND < 250	2.9	16	ND < 96	ND < 96	3.3	19
Freon-113	52	400	810	6200	21	160	ND < 96	ND < 96	2.6	20
Heptane	ND < 21	ND < 21	ND < 250	ND < 250	2.6	11	ND < 96	ND < 96	2.6	10
Hexane	ND < 21	ND < 21	ND < 250	ND < 250	3.3	12	ND < 96	ND < 96	3.8	13
Isopropyl Alcohol	ND < 85	ND < 85	35000	85000	ND < 3.8	ND < 3.8	21000	51000	ND < 3.8	ND < 3.8
m&p-Xylene	ND < 21	ND < 21	ND < 250	ND < 250	6.9	30	ND < 96	ND < 96	7.9	34
o-Xylene	ND < 21	ND < 21	ND < 250	ND < 250	2.5	11	ND < 96	ND < 96	3.5	15
Tetrachloroethene	ND < 21	ND < 21	ND < 250	ND < 250	ND < 0.96	ND < 0.96	ND < 96	ND < 96	4.8	33
Toluene	ND < 21	ND < 21	ND < 250	ND < 250	5.4	20	ND < 96	ND < 96	3.2	12
Vinyl chloride	ND < 21	ND < 21	ND < 250	ND < 250	ND < 0.96	ND < 0.96	ND < 96	ND < 96	ND < 0.96	ND < 0.96

ND < ## = not detected at concentrations above the probable quantitation limit provided.
Note: Only compounds detected above the PQL are shown.

Table 4-8
Summary of Volatile Organic Compound Analyses in Soil Vapor: February 2007
Avery Dennison Site
Flowery Branch, Georgia

	SV-09D	SV-09D	SV-09S	SV-09S	SV-10D	SV-10D	SV-10S	SV-10S	SV-11D	SV-11D
	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007
	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3
VOC (TO-15)										
1,1,1-Trichloroethane	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
1,1-Dichloroethane	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
1,1-Dichloroethene	780	3100	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
1,2-Dichloroethane	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
2,2,4-Trimethylpentane	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
2-Butanone (MEK)	ND < 84	ND < 84	1.0	3.1	ND < 200	ND < 200	2.9	8.4	ND < 380	ND < 380
Acetone	ND < 340	ND < 340	8.2	19	1000	2500	4.5	11	2000	4800
Benzene	ND < 84	ND < 84	1.1	3.5	ND < 200	ND < 200	1.8	5.6	ND < 380	ND < 380
Bromodichloromethane	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
Butadiene	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
Carbon disulfide	150	470	2.3	7.2	ND < 200	ND < 200	3.3	10	490	1500
Chloroform	ND < 84	ND < 84	3.4	16	ND < 200	ND < 200	9.1	44	ND < 380	ND < 380
Cyclohexane	ND < 84	ND < 84	1.2	4.3	ND < 200	ND < 200	3.2	11	ND < 380	ND < 380
Dichloromethane	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
Ethanol	ND < 340	ND < 340	6.4	12	ND < 780	ND < 780	29	55	ND < 1500	ND < 1500
Ethyl benzene	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	1.5	6.6	ND < 380	ND < 380
Freon-11	ND < 84	ND < 84	2.4	13	ND < 200	ND < 200	3.1	18	ND < 380	ND < 380
Freon-113	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	35	260	ND < 380	ND < 380
Heptane	ND < 84	ND < 84	3.1	13	ND < 200	ND < 200	8.0	33	ND < 380	ND < 380
Hexane	ND < 84	ND < 84	5.2	18	ND < 200	ND < 200	12	42	ND < 380	ND < 380
Isopropyl Alcohol	93000 E	230000 E	ND < 3.2	ND < 3.2	160000 E	400000 E	ND < 3.9	ND < 3.9	130000	320000
m&p-Xylene	ND < 84	ND < 84	1.1	4.9	ND < 200	ND < 200	3.1	13	ND < 380	ND < 380
o-Xylene	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
Tetrachloroethene	ND < 84	ND < 84	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380
Toluene	ND < 84	ND < 84	2.8	11	ND < 200	ND < 200	4.3	16	ND < 380	ND < 380
Vinyl chloride	110	270	ND < 0.79	ND < 0.79	ND < 200	ND < 200	ND < 0.98	ND < 0.98	ND < 380	ND < 380

ND < ## = not detected at concentrations above the probable quantitation limit provided.
Note: Only compounds detected above the PQL are shown.

Table 4-8
Summary of Volatile Organic Compound Analyses in Soil Vapor: February 2007
Avery Dennison Site
Flowery Branch, Georgia

	SV-11S	SV-11S	SV-12D	SV-12D	SV-12S	SV-12S	SV-13D	SV-13D	SV-13S	SV-13S
	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007	2/21/2007
	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3	ppbV	µg/m^3
VOC (TO-15)										
1,1,1-Trichloroethane	2.0	11	ND < 12000	ND < 12000	ND < 0.96	ND < 0.96	ND < 760	ND < 760	ND < 0.73	ND < 0.73
1,1-Dichloroethane	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	ND < 0.96	ND < 0.96	ND < 760	ND < 760	ND < 0.73	ND < 0.73
1,1-Dichloroethene	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	ND < 0.96	ND < 0.96	ND < 760	ND < 760	ND < 0.73	ND < 0.73
1,2-Dichloroethane	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	ND < 0.96	ND < 0.96	ND < 760	ND < 760	ND < 0.73	ND < 0.73
2,2,4-Trimethylpentane	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	1.0	4.9	ND < 760	ND < 760	ND < 0.73	ND < 0.73
2-Butanone (MEK)	1.5	4.6	ND < 12000	ND < 12000	1.4	4	ND < 760	ND < 760	0.77	2.3
Acetone	7.9	19	ND < 46000	ND < 46000	5.2	12	ND < 3100	ND < 3100	15	36
Benzene	1.6	5.2	ND < 12000	ND < 12000	1.4	4.6	ND < 760	ND < 760	ND < 0.73	ND < 0.73
Bromodichloromethane	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	1.4	9.3	ND < 760	ND < 760	ND < 0.73	ND < 0.73
Butadiene	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	ND < 0.96	ND < 0.96	ND < 760	ND < 760	ND < 0.73	ND < 0.73
Carbon disulfide	2.8	8.8	ND < 12000	ND < 12000	3.6	11	ND < 760	ND < 760	1.7	5.3
Chloroform	11	55	ND < 12000	ND < 12000	30	140	ND < 760	ND < 760	1.5	7.3
Cyclohexane	2.0	6.9	ND < 12000	ND < 12000	3.4	12	ND < 760	ND < 760	ND < 0.73	ND < 0.73
Dichloromethane	ND < 0.76	ND < 0.76	29000	100000	ND < 0.96	ND < 0.96	3500	12000	3.2	11
Ethanol	23	44	ND < 46000	ND < 46000	28	53	ND < 3100	ND < 3100	23	43
Ethyl benzene	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	ND < 0.96	ND < 0.96	ND < 760	ND < 760	ND < 0.73	ND < 0.73
Freon-11	2.5	14	ND < 12000	ND < 12000	0.98	5.5	ND < 760	ND < 760	0.92	5.2
Freon-113	13	97	ND < 12000	ND < 12000	ND < 0.96	ND < 0.96	ND < 760	ND < 760	ND < 0.73	ND < 0.73
Heptane	5.0	20	ND < 12000	ND < 12000	8.3	34	ND < 760	ND < 760	ND < 0.73	ND < 0.73
Hexane	7.5	26	ND < 12000	ND < 12000	14	48	ND < 760	ND < 760	8.0	28
Isopropyl Alcohol	ND < 3	ND < 3	3200000	7900000	ND < 3.8	ND < 3.8	280000	690000	4.3	10
m&p-Xylene	0.91	3.9	ND < 12000	ND < 12000	1.2	5.4	ND < 760	ND < 760	ND < 0.73	ND < 0.73
o-Xylene	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	ND < 0.96	ND < 0.96	ND < 760	ND < 760	ND < 0.73	ND < 0.73
Tetrachloroethene	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	8.8	59	ND < 760	ND < 760	ND < 0.73	ND < 0.73
Toluene	2.5	9.5	ND < 12000	ND < 12000	3.0	11	1300	5000	0.78	2.9
Vinyl chloride	ND < 0.76	ND < 0.76	ND < 12000	ND < 12000	ND < 0.96	ND < 0.96	ND < 760	ND < 760	ND < 0.73	ND < 0.73

ND < ## = not detected at concentrations above the probable quantitation limit provided.
Note: Only compounds detected above the PQL are shown.

Table 7-1
Exposure Assumptions for Calculation of
Risk Reduction Standards
Avery Dennison Site
Flowery Branch, Georgia

Parameter	Symbol	Unit	Residential Adult	Residential Child	Non-Residential	Reference
Exposure frequency	EF	days/year	350	350	250	HSRA Appendix III, Table 3
Exposure duration	ED	years	30	6	25	HSRA Appendix III, Table 3 / RAGS Part B §3.1.2
Ingestion rate, soil	IR (soil)	mg/day	114	200	50	HSRA Appendix III, Table 3 / RAGS Part B §3.1.2
Inhalation rate	IR (air)	m^3/day	15	15	20	HSRA Appendix III, Table 3
Ingestion rate, water	IR (water)	liter/day	2	1	1	HSRA Appendix III, Table 3
Body weight	BW	kg	70	15	70	HSRA Appendix III, Table 3 / RAGS Part B §3.1.2
Averaging time	AT	years	70	70	70	HSRA Appendix III, Table 3
Particulate emission factor	PEF	m^3/kg	4.63E+09	4.63E+09	4.63E+09	HSRA Appendix III, Table 3
Volatilization factor (water)	K	L/m^3	0.5	0.5	0.5	HSRA Appendix III, Table 3
Target hazard index	THI	none	1	1	1	HSRA Appendix III, Table 3
Length of Contamination	LS	m	45	45	45	HSRA Appendix III, Table 3
Wind speed (mixing zone)	V	m/s	2.25	2.25	2.25	HSRA Appendix III, Table 3
Diffusion Height	DH	m	2	2	2	HSRA Appendix III, Table 3
Contaminated Area	A	cm^2	2.03E+07	20300000	20300000	HSRA Appendix III, Table 3
Soil Porosity	E	none	0.35	0.35	0.35	HSRA Appendix III, Table 3
Particulate Density	Rho	g/cm^3	2.65	2.65	2.65	HSRA Appendix III, Table 3
Exposure Interval	T	s	7.90E+08	790000000	790000000	HSRA Appendix III, Table 3
Organic Carbon	OC	none	0.02	0.02	0.02	HSRA Appendix III, Table 3

Table 7-2
Risk Reduction Standards - Chemical Specific Data for Risk Assessment
Avery Dennison Site
Flowery Branch, Georgia

HSRA Name (unitless)	CAS No. (unitless)	Sfo per (mg/kg-day)	Ref	Sfi per (mg/kg-day)	Ref	RfDo (mg/kg-day)	Ref	RfDi (mg/kg-day)	Ref	Air Diffusivity (cm2/s)	Water Diffusivity (cm2/s)	Koc (L/kg)	Kd (L/kg)	Henry's Law Coeff (unitless)
2-Butanone (MEK)	78-93-3	NA		NA		6.E-01	I	1.4E+00	I	9.1E-02	1.0E-05	3.83E+00	7.65E-03	2.3E-03
1,1-Dichloroethane	75-34-3	5.7E-03	C	5.6E-03	C	2.E-01	P	NA		8.4E-02	1.1E-05	3.50E+01	7.01E-02	2.3E-01
1,1-Dichloroethene	75-35-4	NA		NA		5.E-02	I	5.7E-02	I	8.6E-02	1.1E-05	3.50E+01	7.01E-02	1.1E+00
1,2-Dichloroethane	107-06-2	9.1E-02	I	9.1E-02	I	2.E-02	P	6.9E-01	A	8.6E-02	1.1E-05	4.38E+01	8.76E-02	4.8E-02
1,1,1-Trichloroethane	71-55-6	NA		NA		2.E+00	I	1.4E+00	I	6.5E-02	9.6E-06	4.86E+01	9.73E-02	7.0E-01
1,1,2-Trichloroethane	79-00-5	5.7E-02	I	5.6E-02	I	4.E-03	I	NA		6.7E-02	1.0E-05	6.77E+01	1.35E-01	3.4E-02
1,4-Dioxane	123-91-1	1.1E-02	I	2.7E-02	C	1.E-02	A	NA		8.7E-02	1.1E-05	2.63E+00	5.26E-03	2.0E-04
Acetone	67-64-1	NA		NA		9.E-01	I	8.9E+00	A	1.1E-01	1.1E-05	1.98E+00	3.96E-03	1.6E-03
Carbon disulfide	75-15-0	NA		NA		1.E-01	I	2.0E-01	I	1.1E-01	1.3E-05	1.00E+00	2.00E-03	5.9E-01
Chloroethane	75-00-3	NA		NA		NA		2.9E+00	I	1.1E-01	1.2E-05	2.37E+01	4.75E-02	4.5E-01
Chloroform	67-66-3	3.1E-02	C	8.1E-02	I	1.E-02	I	2.8E-02	A	7.7E-02	1.1E-05	3.50E+01	7.01E-02	1.5E-01
cis-1,2-Dichloroethene	156-59-2	NA		NA		1.E-02	P	NA		8.8E-02	1.1E-05	4.38E+01	8.76E-02	1.7E-01
Ethylbenzene	100-41-4	1.1E-02	C	8.8E-03	C	1.E-01	I	2.9E-01	I	6.8E-02	8.5E-06	5.18E+02	1.04E+00	3.2E-01
Methylene chloride	75-09-2	7.5E-03	I	1.6E-03	I	6.E-02	I	3.1E-01	A	1.0E-01	1.3E-05	2.37E+01	4.75E-02	1.3E-01
Styrene	100-42-5	NA		NA		2.E-01	I	2.9E-01	I	7.1E-02	8.8E-06	5.18E+02	1.04E+00	1.1E-01
Tetrachloroethene	127-18-4	5.4E-01	C	2.1E-02	C	1.E-02	I	7.7E-02	A	5.0E-02	9.5E-06	1.07E+02	2.14E-01	7.2E-01
Toluene	108-88-3	NA		NA		8.E-02	I	1.4E+00	I	7.8E-02	9.2E-06	2.68E+02	5.36E-01	2.7E-01
trans-1,2-Dichloroethene	156-60-5	NA		NA		2.E-02	I	1.7E-02	P	8.8E-02	1.1E-05	4.38E+01	8.76E-02	3.8E-01
Trichloroethene	79-01-6	1.3E-02	C	7.0E-03	C	NA		NA		6.9E-02	1.0E-05	6.77E+01	1.35E-01	4.0E-01
Xylene, Mixture	1330-20-7	NA		NA		2.E-01	I	2.9E-02	I	8.5E-02	9.9E-06	4.43E+02	8.86E-01	2.7E-01
Arsenic	7440-38-2	1.5E+00	I	1.5E+01	I	3.E-04	I	8.6E-06	C	NA	NA	NA	2.90E+01	NA
Barium,	7440-39-3	NA		NA		2.E-01	I	1.4E-04	H	NA	NA	NA	4.10E+01	NA
Chromium	7440-47-3	NA		4.2E+01	I	NA		NA		NA	NA	NA	1.80E+06	NA
Fluorotrichloromethane	75-69-4	NA		NA		3.E-01	I	2.0E-01	H	6.5E-02	1.0E-05	4.86E+01	9.73E-02	4.0E+00
Vinyl chloride	75-01-4	7.2E-01	I	1.5E-02	I	3.E-03	I	2.9E-02	I	1.1E-01	1.2E-05	2.37E+01	4.75E-02	1.1E+00
Carbon tetrachloride	56-23-5	1.3E-01	I	5.3E-02	I	7.E-04	I	5.4E-02	A	5.7E-02	9.8E-06	4.86E+01	9.73E-02	1.1E+00
1,4-Dichlorobenzene	106-46-7	5.4E-03	C	3.9E-02	C	NA		2.3E-01	I	5.5E-02	8.7E-06	4.34E+02	8.68E-01	9.9E-02
Selenium	7782-49-2	NA		NA		5.E-03	I	NA		NA	NA	NA	5.00E+00	NA
Methylcyclohexane	108-87-2	NA		NA		NA		NA	NA	NA	NA	NA	NA	NA

Notes:
Sfo: Oral slope Factor
Sfi: Inhalation Slope Factor
RfDo: Oral Reference Dose
RfDi: Inhalation Reference Dose
Koc: Soil Organic Carbon-Water Partitioning Coefficient
Kd: Soil-Water Partition Coefficient
NA: Chemical specific data is not available.

Table 7-3
Risk Reduction Standards for Regulated Substances Detected in Groundwater
Avery Dennison Site
Flowery Branch, Georgia

HSRA Name	CAS Nol.	HSRA App. III	RAGS Equation Based Calculation				Groundwater			
			Residential (mg/L)		Non-Residential (mg/L)		Type 1 RRS	Type 2 RRS	Type 3 RRS	Type 4 RRS
(unitless)	(unitless)	(mg/L)	Carcinogen	Non-Carcinogen	Carcinogen	Non-Carcinogen	(mg/L)			
2-Butanone (MEK)	78-93-3	2	NA	2.3	NA	11.8	2	2.3	2	11.8
1,1-Dichloroethane	75-34-3	4	0.038	3.1	0.046	7.3	4	0.038	4	0.046
1,1-Dichloroethene	75-35-4	0.007	NA	0.10	NA	0.52	0.007	0.10	0.007	0.52
1,2-Dichloroethane	107-06-2	0.005	0.002	0.26	0.003	1.58	0.005	0.002	0.005	0.003
1,1,1-Trichloroethane	71-55-6	0.2	NA	2.7	NA	13.6	0.2	2.7	0.2	13.6
1,1,2-Trichloroethane	79-00-5	0.005	0.004	0.063	0.005	0.146	0.005	0.004	0.005	0.005
1,4-Dioxane	123-91-1	NA	0.080	1.600	0.26	3.7	0.06	0.080	0.06	0.26
Acetone	67-64-1	4	NA	8.0	NA	45.6	4	8	4	46
Carbon disulfide	75-15-0	4	NA	0.3	NA	1.7	4	0.3	4	1.7
Chloroethane	75-00-3	DL/0.01	NA	6.0	NA	27.8	0.01	6	NA	28
Chloroform	67-66-3	0.1	0.003	0.04	0.003	0.22	0.1	0.003	0.1	0.003
cis-1,2-Dichloroethene	156-59-2	DL/0.005	NA	0.16	NA	0.37	0.05	0.16	NA	0.37
Ethylbenzene	100-41-4	0.7	0.024	0.4	0.029	2.3	0.7	0.024	0.7	0.029
Methylene chloride	75-09-2	0.005	0.092	0.39	0.119	2.11	0.005	0.09	0.005	0.12
Styrene	100-42-5	0.1	NA	0.5	NA	2.6	0.1	0.5	0.1	2.6
Tetrachloroethene	127-18-4	0.005	0.003	0.08	0.004	0.45	0.005	0.003	0.005	0.004
Toluene	108-88-3	1	NA	0.9	NA	5.2	1	0.9	1	5.2
trans-1,2-Dichloroethene	156-60-5	0.1	NA	0.03	NA	0.16	0.1	0.03	0.1	0.16
Trichloroethene	79-01-6	0.005	0.028	NA	0.034	NA	0.005	0.028	0.005	0.034
Xylene, Mixture	1330-20-7	10	NA	0.06	NA	0.29	10	0.06	10	0.29
Arsenic	7440-38-2	0.05	0.001	0.005	0.002	0.011	0.05	0.001	0.05	0.002
Barium	7440-39-3	2	NA	3.1	NA	7.3	2	3.1	2	7.3
Chromium	7440-47-3	0.1	NA	NA	NA	NA	0.1	NA	0.1	NA
Fluorotrichloromethane	75-69-4	2	NA	0.4	NA	1.9	2	0.4	2	1.9
Vinyl chloride	75-01-4	0.002	0.002	0.03	0.003	0.15	0.002	0.002	0.002	0.003
Carbon tetrachloride	56-23-5	0.005	0.003	0.01	0.004	0.06	0.005	0.003	0.005	0.004
1,4-Dichlorobenzene	106-46-7	0.075	0.006	0.48	0.007	2.22	0.075	0.01	0.075	0.01
Selenium	7782-49-2	0.05	NA	0.08	NA	0.18	0.05	0.08	0.05	0.18
Methylcyclohexane	108-87-2	Not Regulated								

Table 7-4
Type 1 Risk Reduction Standards for Regulated Substances Detected in Soil
Avery Dennison Site
Flowery Branch, Georgia

HSRA Name (unitless)	CAS No. (unitless)	App I - NC (mg/kg)	100X App III (mg/kg)	Leachate (mg/kg)	Table 2 - App III (mg/kg)	(6)(c)(1) = MAX(I..iii)	RAGS Eq. 6 Carcinogen	RAGS Eq. 7 NonCarcinoge	Type 1 RRS
		(I)	(ii)	(iii)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
2-Butanone (MEK)	78-93-3	0.79	200	8.3	NA	200	NA	8785	200
1,1-Dichloroethane	75-34-3	0.03	400	23	NA	400	44	15640	44
1,1-Dichloroethene	75-35-4	0.36	0.7	0.052	NA	0.7	NA	53	0.7
1,2-Dichloroethane	107-06-2	0.02	0.5	0.029	NA	0.5	6.6	1120	0.5
1,1,1-Trichloroethane	71-55-6	5.44	20	1.4	NA	20	NA	2411	20
1,1,2-Trichloroethane	79-00-5	0.50	0.5	0.034	NA	0.5	17.5	313	0.5
1,4-Dioxane	123-91-1	0.13	6	NA	NA	6	830	7820	6
Acetone	67-64-1	2.74	400	16	NA	400	NA	30080	400
Carbon disulfide	75-15-0	DL/0.651	400	20	NA	400	NA	16.6	400[1]
Chloroethane	75-00-3	0.17	NA	2200	NA	2200	NA	100000	2200
Chloroform	67-66-3	0.68	10	0.57	NA	10	4.1	76.4	3.7[1]
cis-1,2-Dichloroethene	156-59-2	0.53	NA	1400	NA	1400	NA	782	782
Ethylbenzene	100-41-4	20	70	18	NA	70	99.5	1875	70
Methylene chloride	75-09-2	0.08	0.5	0.026	NA	0.5	143	634	0.5
Styrene	100-42-5	14	10	2.5	NA	14	NA	3264	14
Tetrachloroethene	127-18-4	0.18	0.5	0.048	NA	0.5	10	177	0.5
Toluene	108-88-3	14.4	100	15	NA	100	NA	3691	100
trans-1,2-Dichloroethene	156-60-5	0.53	10	0.64	NA	10	NA	33	10
Trichloroethene	79-01-6	0.13	0.5	0.037	NA	0.5	40.5	NA	0.5
Xylene, Mixture	1330-20-7	20	1000	220	NA	1000	NA	219	1000[1]
Arsenic	7440-38-2	41	5	29	20	41	6.1	23.5	20
Barium	7440-39-3	500	200	1650	1000	1650	NA	15300	1000
Chromium	7440-47-3	1200	10	100000	100	100000	12520	NA	100
Fluorotrichloromethane	75-69-4	0.7	200	26	NA	200	NA	113	113
Vinyl chloride	75-01-4	0.04	0.2	0.014	NA	0.2	0.19	17	0.19
Carbon tetrachloride	56-23-5	0.17	0.5	0.040	NA	0.5	0.16	32	0.16
1,4-Dichlorobenzene	106-46-7	0.44[1]	7.5	1.6	NA	7.5	6.7	100000	6.7
Selenium	7782-49-2	36	5	5.2	2	36	NA	391	2
Methylcyclohexane	108-87-2	Not Regulated							

Notes:
[1] modified per EPD comment #7

Table 7-5
Type 2 Risk Reduction Standards for Regulated Substances Detected in Soil
Avery Dennison Site
Flowery Branch, Georgia

HSRA Name (unitless)	CAS No. (unitless)	Type 1 GW RRS (mg/L)	Type 2 GW RRS (mg/L)	Selected GW RRS (mg/L)	End-point (unitless)	Cw DAF=20 (mg/L)	Kd (L/kg)	H' (unitless)	SSL RRS (mg/kg)	RAGS Eq. 6 Direct Contact Carcinogen (mg/kg)	RAGS Eq. 7 Direct Contact Non-Carcinogen (mg/kg)	Type 2 Soil RRS (mg/kg)
2-Butanone (MEK)	78-93-3	2.0E+00	2.3E+00	2.3E+00	NC	4.5E+01	7.7E-03	2.3E-03	9.4E+00	NA	8785	9.4
1,1-Dichloroethane	75-34-3	4.0E+00	3.8E-02	4.0E+00	C	7.7E-01	7.0E-02	2.3E-01	2.2E-01	44	15640	0.22
1,1-Dichloroethene	75-35-4	7.0E-03	1.0E-01	1.0E-01	NC	2.1E+00	7.0E-02	1.1E+00	7.6E-01	NA	53	0.76
1,2-Dichloroethane	107-06-2	5.0E-03	2.4E-03	5.0E-03	C	4.7E-02	8.8E-02	4.8E-02	1.4E-02	6.6	1120	0.014
1,1,1-Trichloroethane	71-55-6	2.0E-01	2.7E+00	2.7E+00	NC	5.4E+01	9.7E-02	7.0E-01	2.0E+01	NA	2411	19.6
1,1,2-Trichloroethane	79-00-5	5.0E-03	3.8E-03	5.0E-03	C	7.7E-02	1.4E-01	3.4E-02	2.6E-02	17.5	313	0.026
1,4-Dioxane	123-91-1	6.0E-02	1.7E-01	1.7E-01	C	3.4E+00	5.3E-03	2.0E-04	6.8E-01	830	7820	6
Acetone	67-64-1	4.0E+00	8.0E+00	8.0E+00	NC	1.6E+02	4.0E-03	1.6E-03	3.3E+01	NA	30080	33
Carbon disulfide	75-15-0	4.0E+00	3.3E-01	4.0E+00	NC	6.6E+00	2.0E-03	5.9E-01	1.7E+00	NA	16.600	1.7
Chloroethane	75-00-3	DL/0.01	6.0E+00	6.0E+00	NC	1.2E+02	4.7E-02	4.5E-01	3.4E+01	NA	100000	34
Chloroform	67-66-3	1.0E-01	2.9E-03	1.0E-01	C	5.8E-02	7.0E-02	1.5E-01	1.6E-02	4.1	76.4	0.016
cis-1,2-Dichloroethene	156-59-2	DL/0.005	1.6E-01	1.6E-01	NC	3.1E+00	8.8E-02	1.7E-01	9.5E-01	NA	782	0.95
Ethylbenzene	100-41-4	7.0E-01	2.4E-02	7.0E-01	C	4.8E-01	1.0E+00	3.2E-01	6.0E-01	99.5	1875	0.6022
Methylene chloride	75-09-2	5.0E-03	9.2E-02	9.2E-02	C	1.8E+00	4.7E-02	1.3E-01	4.8E-01	143	634	0.48
Styrene	100-42-5	1.0E-01	5.0E-01	5.0E-01	NC	1.0E+01	1.0E+00	1.1E-01	1.2E+01	NA	3264	12.5
Tetrachloroethene	127-18-4	5.0E-03	2.6E-03	5.0E-03	C	5.3E-02	2.1E-01	7.2E-01	2.5E-02	10	177	0.025
Toluene	108-88-3	1.0E+00	8.8E-01	1.0E+00	NC	1.8E+01	5.4E-01	2.7E-01	1.3E+01	NA	3691	13.5
trans-1,2-Dichloroethene	156-60-5	1.0E-01	3.2E-02	1.0E-01	NC	6.4E-01	8.8E-02	3.8E-01	2.1E-01	NA	33	0.21
Trichloroethene	79-01-6	5.0E-03	2.8E-02	2.8E-02	C	5.6E-01	1.4E-01	4.0E-01	2.1E-01	40.5	NA	0.21
Xylene, Mixture	1330-20-7	1.0E+01	5.8E-02	1.0E+01	NC	1.2E+00	8.9E-01	2.7E-01	1.3E+00	NA	219	1.3
Arsenic	7440-38-2	5.0E-02	1.2E-03	5.0E-02	C	2.4E-02	2.9E+01	0.0E+00	7.1E-01	6.1	23.5	0.71
Barium,	7440-39-3	2.0E+00	3.1E+00	3.1E+00	NC	6.3E+01	4.1E+01	0.0E+00	2.6E+03	NA	15300	2578
Chromium	7440-47-3	1.0E-01	NA	1.0E-01	NA	0.0E+00	1.8E+06	0.0E+00	1.0E+05	12520	NA	12520
Fluorotrichloromethane	75-69-4	2.0E+00	3.8E-01	2.0E+00	NC	7.7E+00	9.7E-02	4.0E+00	5.0E+00	NA	113	5
Vinyl chloride	75-01-4	2.0E-03	2.2E-03	2.2E-03	C	4.4E-02	4.7E-02	1.1E+00	1.5E-02	0.19	17.2	0.015
Carbon tetrachloride	56-23-5	5.0E-03	3.5E-03	5.0E-03	C	7.0E-02	9.7E-02	1.1E+00	2.8E-02	0.16	32	0.028
1,4-Dichlorobenzene	106-46-7	7.5E-02	6.2E-03	7.5E-02	C	1.2E-01	8.7E-01	9.9E-02	1.3E-01	6.7	100000	0.13
Selenium	7782-49-2	5.0E-02	7.8E-02	7.8E-02	NC	1.6E+00	5.0E+00	0.0E+00	8.1E+00	NA	391	8.1
Methylcyclohexane	108-87-2	Not Regulated										

Note:
Cw: target soil leachate concentration, mg/L
Kd: soil-water partition coefficient, L/kg
H': dimensionless Henry's constant
SSL: Soil Screening Level for soil-to-groundwater migration
DAF: Dilution-Attenuation Factor

Table 7-6
Type 3 Risk Reduction Standards for Regulated Substances Detected in Soil
Avery Dennison Site
Flowery Branch, Goergia

HSRA Name (unitless)	CAS No. (unitless)	NC (mg/kg) (I)	100X App III (mg/kg) (ii)	Leachate (mg/kg) (iii)	Table 2 - App III (mg/kg) (iv)	(8)(d)(1) = MAX(i..iv) (mg/kg)	RAGS Eq. 6 Carcinogen (mg/kg)	RAGS Eq. 7 NonCarcinogen (mg/kg)	Surface Type 3 RRS (mg/kg)	SubSurface Soil Type 3 RRS (mg/kg)
2-Butanone (MEK)	78-93-3	0.79	200	8.3	NA	200	NA	50769	200	200
1,1-Dichloroethane	75-34-3	0.03	400	23.3	NA	400	56	408800	56	400
1,1-Dichloroethene	75-35-4	0.36	0.7	0.052	NA	0.7	NA	263	0.7	0.7
1,2-Dichloroethane	107-06-2	0.02	0.5	0.029	NA	0.5	8.5	13117	0.5	0.5
1,1,1-Trichloroethane	71-55-6	5.44	20	1.4	NA	20	NA	11962	20	20
1,1,2-Trichloroethane	79-00-5	0.5	0.5	0.034	NA	0.5	23.1	8176	0.5	0.5
1,4-Dioxane	123-91-1	0.13	6	NA	NA	6	5200	200000	6	6
Acetone	67-64-1	2.74	400	16.3	NA	400	NA	225775	400	400
Carbon disulfide	75-15-0	DL/0.651	400	20.4	NA	400	NA	82	82	400
Chloroethane	75-00-3	0.17	NA	2200	NA	2200	NA	15757	2200	2200
Chloroform	67-66-3	0.68	10	0.57	NA	10	5.2	407	4.7[2]	10
cis-1,2-Dichloroethene	156-59-2	0.53	NA	1400	NA	1400	NA	20440	1400	1400
Ethylbenzene	100-41-4	20	70	17.7	NA	70	132	11408	70	70
Methylene chloride	75-09-2	0.08	0.5	0.026	NA	0.5	190	3492	0.5	0.5
Styrene	100-42-5	14	10	2.5	NA	14	NA	19258	14	14
Tetrachloroethene	127-18-4	0.18	0.5	0.048	NA	0.5	16.6	1060	0.5	0.5
Toluene	108-88-3	14.4	100	15.2	NA	100	NA	34728	100	100
trans-1,2-Dichloroethene	156-60-5	0.53	10	0.64	NA	10	NA	163	10	10
Trichloroethene	79-01-6	0.13	0.5	0.037	NA	0.5	52.3	NA	0.5	0.5
Xylene, Mixture	1330-20-7	20	1000	222	NA	1000	NA	1086	1000	1000
Arsenic	7440-38-2	41	5	29.2	20	41	38	611	38	41
Barium	7440-39-3	500	200	1648	1000	1650	NA	364691	1650	1650
Chromium	7440-47-3	1200	10	100000[3]	100	100000	15773	NA	15773	100000[3]
Fluorotrichloromethane	75-69-4	0.7	200	26	NA	200	NA	555	200	200
Vinyl chloride	75-01-4	0.04	0.2	0.014	NA	0.2	5.4	89	0.2	0.2
Carbon tetrachloride	56-23-5	0.170	0.5	0.04	NA	0.5	3.6	297	0.5	0.5
1,4-Dichlorobenzene	106-46-7	DL/0.13	7.5	1.6	NA	7.5	56	17726	7.5	7.5
Selenium	7782-49-2	36	5	5.2	2.00	36	NA	10220	36	36
Methylcyclohexane	108-87-2	Not Regulated								

Notes:

[1] requested by EPD

[2] modified per EPD comment #9

[3] 100,000 mg/kg is a default representing a soil concentration of 10% and chosen when the calculated leachate value exceeds 1E+06 mg/kg

Table 7-7
Type 4 Risk Reduction Standards for Regulated Substances Detected in Soil
Avery Dennison Site
Flowery Branch, Georgia

HSRA Name	CAS No.	Type 3 GW RRS	Type 4 GW RRS	Selected GW RRS	Cw DAF=20	Kd	H'	SSL RRS	RAGS Eq. 6	RAGS Eq. 7	Type 4 Surface Soil RRS	Type 4 Sub-surface Soil
(unitless)	(unitless)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(L/kg)	(unitless)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
2-Butanone (MEK)	78-93-3	2	12	12	236	7.7E-03	2.3E-03	49	NA	50769	49	49
1,1-Dichloroethane	75-34-3	4	0.046	4	80	7.0E-02	2.3E-01	0.27	56	408800	0.27	0.27
1,1-Dichloroethene	75-35-4	0.007	0.52	0.52	10.48	7.0E-02	1.1E+00	3.86	NA	263	3.86	3.86
1,2-Dichloroethane	107-06-2	0.005	0.003	0.005	0.1	8.8E-02	4.8E-02	0.017	9	13117	0.017	0.017
1,1,1-Trichloroethane	71-55-6	0.2	14	14	273	9.7E-02	7.0E-01	98	NA	11963	98	98
1,1,2-Trichloroethane	79-00-5	0.005	0.005	0.005	0.1	1.4E-01	3.4E-02	0.03	23	8176	0.03	0.03
1,4-Dioxane	123-91-1	0.06	0.26	0.260	5.2	5.3E-03	2.0E-04	1.1	5200	200000	6	6
Acetone	67-64-1	4	46	46	912	4.0E-03	1.6E-03	186	NA	225775	186	186
Carbon disulfide	75-15-0	4	1.7	4	80	2.0E-03	5.9E-01	9	NA	82	9	9
Chloroethane	75-00-3	0.01*	28	28	556	4.7E-02	4.5E-01	160	NA	15757	160	160
Chloroform	67-66-3	0.1	0.003	0.1	2	7.0E-02	1.5E-01	0.02	5	407	0.02	0.02
cis-1,2-Dichloroethene	156-59-2	0.005*	0.37	0.37	7.3	8.8E-02	1.7E-01	2.2	NA	20440	2.2	2.2
Ethylbenzene	100-41-4	0.7	0.029	0.7	14	1.0E+00	3.2E-01	1	132	11408	1	1
Methylene chloride	75-09-2	0.005	0.12	0.12	2.4	4.7E-02	1.3E-01	0.6	190	3492	0.6	0.6
Styrene	100-42-5	0.1	2.6	2.6	51	1.0E+00	1.1E-01	64	NA	19258	64	64
Tetrachloroethene	127-18-4	0.005	0.004	0.005	0.1	2.1E-01	7.2E-01	0.037	17	1060	0.037	0.037
Toluene	108-88-3	1	5.2	5.2	105	5.4E-01	2.7E-01	80	NA	34728	80	80
trans-1,2-Dichloroethene	156-60-5	0.1	0.16	0.16	3.2	8.8E-02	3.8E-01	1.0	NA	163	1.0	1.0
Trichloroethene	79-01-6	0.005	0.034	0.034	0.7	1.4E-01	4.0E-01	0.3	52	NA	0.3	0.3
Xylene, Mixture	1330-20-7	10	0.3	10	200	8.9E-01	2.7E-01	6	NA	1086	6	6
Arsenic	7440-38-2	0.05	0.002	0.05	1	2.9E+01	0.0E+00	1	38	611	1	1
Barium,	7440-39-3	2	7.3	7.3	146	4.1E+01	0.0E+00	6015	NA	364691	6015	6015
Chromium	7440-47-3	0.1	NA	0.1	2	1.8E+06	0.0E+00	1.0E+05	15773	NA	15773	100000
Fluorotrichloromethane	75-69-4	2	1.9	2	40	9.7E-02	4.0E+00	25	NA	555	25	25
Vinyl chloride	75-01-4	0.002	0.003	0.003	0.065	4.7E-02	1.1E+00	0.023	5	89	0.023	0.023
Carbon tetrachloride	56-23-5	0.005	0.004	0.005	0.1	9.7E-02	1.1E+00	0.035	4	297	0.035	0.035
1,4-Dichlorobenzene	106-46-7	0.075	0.007	0.075	1.5	8.7E-01	9.9E-02	0.2	56	17726	0.2	0.2
Selenium	7782-49-2	0.05	0.18	0.18	3.65	5.0E+00	0.0E+00	19	NA	10220	19	19
Methylcyclohexane	108-87-2	Not Regulated										

Note:
Cw: target soil leachate concentration, mg/L
Kd: soil-water partition coefficient, L/kg
H': dimensionless Henry's constant
*: No Type 3 GW RRS was applicable so the HSRA App. III was used
SSL: Soil Screening Level for soil-to-groundwater migration
DAF: Dilution-Attenuation Factor

Table 7-8
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
Avery Dennison Site
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS	Result	Units
BR-6	6/8/2005	1,1-Dichloroethene	520	530	ug/L
BR-6	6/23/2006	1,1-Dichloroethene	520	2800	ug/L
BR-6	10/9/2006	1,1-Dichloroethene	520	2100	ug/L
BR-6	2/20/2007	1,1-Dichloroethene	520	2100	ug/L
BR-6	5/19/2007	1,1-Dichloroethene	520	2100	ug/L
BR-6	5/19/2007	1,1-Dichloroethene	520	2600	ug/L
BR-6	10/27/2007	1,1-Dichloroethene	520	1300	ug/L
BR-6	10/31/2007	1,1-Dichloroethene	520	2300	ug/L
BR-6	10/31/2007	1,1-Dichloroethene	520	2300	ug/L
BR-6	10/31/2007	1,1-Dichloroethene	520	1100	ug/L
BR-6	10/31/2007	1,1-Dichloroethene	520	3500	ug/L
BR-6	10/31/2007	1,1-Dichloroethene	520	1500	ug/L
BR-6	10/31/2007	1,1-Dichloroethene	520	2000	ug/L
BR-6	11/1/2007	1,1-Dichloroethene	520	2200	ug/L
BR-6	11/1/2007	1,1-Dichloroethene	520	2000	ug/L
BR-6	6/23/2006	Vinyl chloride	3	3.7	ug/L
BR-6	5/19/2007	Vinyl chloride	2	2.5	ug/L
BR-6	10/27/2007	Vinyl chloride	2	2.7	ug/L
BR-6	10/31/2007	Vinyl chloride	2	2.6	ug/L
BR-20	11/3/2007	1,1-Dichloroethene	520	2800	ug/L
BR-20	6/8/2009	1,1-Dichloroethene	520	1080	ug/L
BR-20	10/15/2009	1,1-Dichloroethene	520	1400	ug/L
BR-20	10/15/2009	Tetrachloroethene	5	5	ug/L
BR-20	11/3/2007	Vinyl chloride	3	5.6	ug/L
BR-21	11/3/2007	1,1-Dichloroethene	520	1700	ug/L
BR-21	6/4/2009	1,1-Dichloroethene	520	570	ug/L
BR-21	10/14/2009	1,1-Dichloroethene	520	521	ug/L
MW-12	11/3/2004	Vinyl chloride	3	5.6	ug/L
MW-12	5/20/2005	Vinyl chloride	3	4.4	ug/L
MW-12	6/23/2006	Vinyl chloride	3	9.4	ug/L
MW-12	10/9/2006	Vinyl chloride	3	4.7	ug/L
MW-12	2/21/2007	Vinyl chloride	3	12	ug/L
MW-12	5/19/2007	Vinyl chloride	3	14	ug/L
MW-12	10/25/2007	Vinyl chloride	3	21	ug/L
MW-12	6/6/2009	Vinyl chloride	3	4.7	ug/L

Table 7-8
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
Avery Dennison Site
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS	Result	Units
MW-18D	11/5/2004	1,1-Dichloroethene	520	2300	ug/L
MW-18D	11/5/2004	1,1-Dichloroethene	520	2200	ug/L
MW-18D	5/21/2005	1,1-Dichloroethene	520	1100	ug/L
MW-18D	5/21/2005	1,1-Dichloroethene	520	990	ug/L
MW-18D	6/24/2006	1,1-Dichloroethene	520	3600	ug/L
MW-18D	10/9/2006	1,1-Dichloroethene	520	3100	ug/L
MW-18D	2/21/2007	1,1-Dichloroethene	520	3500	ug/L
MW-18D	5/19/2007	1,1-Dichloroethene	520	3000	ug/L
MW-18D	5/19/2007	1,1-Dichloroethene	520	4100	ug/L
MW-18D	10/27/2007	1,1-Dichloroethene	520	3000	ug/L
MW-18D	6/4/2009	1,1-Dichloroethene	520	1300	ug/L
MW-18D	10/14/2009	1,1-Dichloroethene	520	1190	ug/L
MW-18D	10/9/2006	1,2-Dichloroethane	5	6.6	ug/L
MW-18D	2/21/2007	1,2-Dichloroethane	5	6.8	ug/L
MW-18D	10/27/2007	1,2-Dichloroethane	5	5.6	ug/L
MW-19D	6/22/2006	1,1-Dichloroethene	520	2300	ug/L
MW-19D	10/7/2006	1,1-Dichloroethene	520	2700	ug/L
MW-19D	2/20/2007	1,1-Dichloroethene	520	2300	ug/L
MW-19D	5/19/2007	1,1-Dichloroethene	520	2200	ug/L
MW-19D	10/27/2007	1,1-Dichloroethene	520	1200	ug/L
MW-19D	5/19/2007	Tetrachloroethene	5	7	ug/L
MW-19D	6/22/2006	Vinyl chloride	3	4.2	ug/L
MW-19D	10/7/2006	Vinyl chloride	3	3.7	ug/L
MW-19D	5/19/2007	Vinyl chloride	3	3.2	ug/L
MW-19D	10/27/2007	Vinyl chloride	3	3.5	ug/L
MW-23	11/4/2004	1,1-Dichloroethene	520	780	ug/L
MW-23	11/4/2004	Vinyl chloride	3	16	ug/L
MW-23	5/20/2005	Vinyl chloride	3	8.9	ug/L
MW-23	6/23/2006	Vinyl chloride	3	7.7	ug/L
MW-23	10/7/2006	Vinyl chloride	3	6.9	ug/L
MW-23	5/17/2007	Vinyl chloride	3	5.3	ug/L
MW-23	10/25/2007	Vinyl chloride	3	23	ug/L
MW-23	10/16/2009	Vinyl chloride	3	9.5	ug/L

Table 7-8
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
Avery Dennison Site
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS	Result	Units
MW-3	11/4/2004	1,1-Dichloroethene	520	2300	ug/L
MW-3	5/19/2005	1,1-Dichloroethene	520	3800	ug/L
MW-3	6/23/2006	1,1-Dichloroethene	520	2300	ug/
MW-3	10/9/2006	1,1-Dichloroethene	520	2000	ug/L
MW-3	2/21/2007	1,1-Dichloroethene	520	2500	ug/L
MW-3	5/18/2007	1,1-Dichloroethene	520	2300	ug/L
MW-3	10/25/2007	1,1-Dichloroethene	520	1000	ug/L
MW-3	6/5/2009	1,1-Dichloroethene	520	1260	ug/L
MW-3	10/18/2009	1,1-Dichloroethene	520	1140	ug/L
MW-3	11/4/2004	Vinyl chloride	3	9.2	ug/L
MW-3	5/19/2005	Vinyl chloride	3	8.9	ug/L
MW-3	6/23/2006	Vinyl chloride	3	12	ug/L
MW-3	10/9/2006	Vinyl chloride	3	20	ug/L
MW-3	2/21/2007	Vinyl chloride	3	8.3	ug/L
MW-3	5/18/2007	Vinyl chloride	3	9.7	ug/L
MW-36D	5/21/2005	1,1-Dichloroethene	520	7800	ug/L
MW-36D	5/21/2005	1,1-Dichloroethene	520	8100	ug/L
MW-36D	6/24/2006	1,1-Dichloroethene	520	3900	ug/L
MW-36D	10/8/2006	1,1-Dichloroethene	520	3400	ug/L
MW-36D	2/21/2007	1,1-Dichloroethene	520	2500	ug/L
MW-36D	5/19/2007	1,1-Dichloroethene	520	4300	ug/L
MW-36D	5/19/2007	1,1-Dichloroethene	520	3500	ug/L
MW-36D	10/30/2007	1,1-Dichloroethene	520	3200	ug/L
MW-36D	6/3/2009	1,1-Dichloroethene	520	1200	ug/L
MW-36D	10/15/2009	1,1-Dichloroethene	520	1540	ug/L
MW-36D	5/21/2005	1,2-Dichloroethane	5	17	ug/L
MW-36D	5/21/2005	1,2-Dichloroethane	5	18	ug/L
MW-36D	10/8/2006	1,2-Dichloroethane	5	6.8	ug/L
MW-36D	5/19/2007	Tetrachloroethene	5	6.3	ug/L
MW-36D	10/15/2009	Tetrachloroethene	5	21.4	ug/L

Table 7-8
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
Avery Dennison Site
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS	Result	Units
MW-36S	5/21/2005	Vinyl chloride	3	25	ug/L
MW-36S	6/24/2006	Vinyl chloride	3	16	ug/L
MW-36S	6/24/2006	Vinyl chloride	3	12	ug/L
MW-36S	10/8/2006	Vinyl chloride	3	22	ug/L
MW-36S	10/8/2006	Vinyl chloride	3	22	ug/L
MW-36S	2/20/2007	Vinyl chloride	3	11	ug/L
MW-36S	2/20/2007	Vinyl chloride	3	19	ug/L
MW-36S	5/19/2007	Vinyl chloride	3	7.4	ug/L
MW-36S	5/19/2007	Vinyl chloride	3	14	ug/L
MW-36S	5/19/2007	Vinyl chloride	3	15	ug/L
MW-36S	10/30/2007	Vinyl chloride	3	13	ug/L
MW-36S	10/30/2007	Vinyl chloride	3	14	ug/L
MW-37	5/21/2005	1,1-Dichloroethene	520	1100	ug/L
MW-37	6/23/2006	1,1-Dichloroethene	520	2200	ug/L
MW-37	10/9/2006	1,1-Dichloroethene	520	2800	ug/L
MW-37	2/21/2007	1,1-Dichloroethene	520	1400	ug/L
MW-37	5/19/2007	1,1-Dichloroethene	520	2800	ug/L
MW-37	6/4/2009	1,1-Dichloroethene	520	780	ug/L
MW-37	10/14/2009	1,1-Dichloroethene	520	586	ug/L
MW-37	10/9/2006	Carbon tetrachloride	5	7.6	ug/L
MW-39S	10/16/2009	Tetrachloroethene	5	6.3	ug/L
MW-42	10/6/2006	1,1-Dichloroethene	520	680	ug/L
MW-42	5/17/2007	1,1-Dichloroethene	520	800	ug/L
MW-42	5/17/2007	1,1-Dichloroethene	520	720	ug/L
MW-42	10/27/2007	1,1-Dichloroethene	520	970	ug/L
MW-42	5/17/2007	Tetrachloroethene	5	5.5	ug/L
MW-42	5/17/2007	Tetrachloroethene	5	5.4	ug/L
MW-48D	10/26/2007	1,1-Dichloroethene	520	1500	ug/L
MW-48D	6/2/2009	1,1-Dichloroethene	520	1400	ug/L
MW-48S	10/26/2007	1,1-Dichloroethene	520	2200	ug/L
MW-48S	6/2/2009	1,1-Dichloroethene	520	1100	ug/L

Table 7-8
Summary of Exceedances of Type 3/4 Risk Reduction Standards in Groundwater
Avery Dennison Site
Flowery Branch, Georgia

Well	Sample Date	Constituent	Type 3/4 RRS	Result	Units
MW-48S	10/26/2007	Vinyl chloride	3	7.7	ug/L
MW-50D	10/29/2007	1,1-Dichloroethene	520	570	ug/L
MW-54D	10/27/2007	1,1-Dichloroethene	520	800	ug/L
MW-54D	6/4/2009	1,1-Dichloroethene	520	1100	ug/L
MW-57D	10/30/2007	1,1-Dichloroethene	520	16000	ug/L
MW-57D	6/4/2009	1,1-Dichloroethene	520	5600	ug/L
MW-57D	10/30/2007	1,2-Dichloroethane	5	36	ug/L
MW-57D	10/30/2007	Tetrachloroethene	5	11	ug/L
MW-57D	10/30/2007	Trichloroethene	34	39	ug/L
MW-58D	10/30/2007	1,1-Dichloroethene	520	520	ug/L
MW-58S	6/3/2009	1,1-Dichloroethene	520	1500	ug/L
MW-58S	6/3/2009	Vinyl Chloride	3	69	ug/L
MW-60D	10/28/2007	1,1-Dichloroethene	520	4100	ug/L
MW-60D	6/4/2009	1,1-Dichloroethene	520	1500	ug/L
MW-60D	10/15/2009	1,1-Dichloroethene	520	2250	ug/L
MW-60D	10/28/2007	1,2-Dichloroethane	5	9.4	ug/L
MW-63	10/14/2009	1,1-Dichloroethene	520	941	ug/L
MW-64	6/8/2009	1,1-Dichloroethene	520	1960	ug/L
MW-64	6/8/2009	1,4-Dioxane	260	467	ug/L
MW-64	10/14/2009	1,1-Dichloroethene	520	2540	ug/L
MW-65S	6/8/2009	1,1,2-Trichloroethane	5	6.9	ug/L
MW-65S	6/8/2009	1,1-Dichloroethene	520	7970	ug/L
MW-65S	6/8/2009	1,2-Dichloroethane	5	23.7	ug/L
MW-65S	6/8/2009	1,4-Dioxane	260	868	ug/L
MW-65S	6/8/2009	Vinyl chloride	3	12.5	ug/L
SBW-6	6/25/2006	Vinyl chloride	3	18	ug/L
SBW-6	10/10/2006	Vinyl chloride	3	21	ug/L
SBW-9	2/22/2007	1,1-Dichloroethene	520	580	ug/L
SBW-9	5/19/2007	1,1-Dichloroethene	520	790	ug/L
SBW-9	6/25/2006	Vinyl chloride	3	21	ug/L
SBW-9	10/10/2006	Vinyl chloride	3	11	ug/L
SBW-9	2/22/2007	Vinyl chloride	3	5.5	ug/L
SBW-9	5/19/2007	Vinyl chloride	3	13	ug/L
SBW-9	10/24/2007	Vinyl chloride	3	13	ug/L

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- SOIL BORING (JCO, 2005 & 2007)
- SOIL VAPOR POINT SOIL SAMPLING LOCATION (JCO, FEB. 2007)
- FOUNDATION INVESTIGATION SOIL BORING (JCO, MAY 2007)
- SOIL BORING (ERM, 1992)
- HAND AUGER SOIL BORING (ERM, 1992)
- GEOPROBE SOIL BORING (PREMIER, 1992)
- COMPOSITE SOIL SAMPLE (PREMIER, 1992)
- FOUNDATION INVESTIGATION TEST PIT SOIL SAMPLING LOCATION (JCO, MAY 2007)
- PERIMETER OF NON-DETECT CONCENTRATION OF VOC IN SOIL

PROPERTY BOUNDARY (TYPICAL)

POND

WATER TANK

GRAVEL DRIVE

Rails (Typical)

FENCE (TYPICAL)

Notes:

- Detections of acetone in samples from GP-03, GP-06, GP-07, and GP-09 attributed to laboratory contamination.
- 111-TCA detected with a concentration slightly above its reporting limit at B-33 and was attributed to a false positive. No VOC's were detected at adjacent locations JCO-89 and JCO-90.
- Delineation of VOCs in soil north/northeast of JCO-67 and JCO-68 is based on the detection of only low concentrations of chloroform at those locations (8.2 and 13 µg/kg, respectively) which is attributed to septic discharge of potable water.
- Acetone and MEK were detected in the 9-foot depth sample from JCO-65 but not in the 12-foot depth sample from the same location.

SCALE IN FEET

50 0 50 100 150

GRAPHIC SCALE - FEET

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FIGURE ES-1
EXTENT OF VOC IN SOIL
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 02/23/10
Reviewed by: CMT	Date: 03/01/10
Scale: As Shown	Project: 1-0145-4

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- OCT. 2009 WATER TABLE POTENTIOMETRIC CONTOUR (2 FT. INTERVALS)
- UNCONSOLIDATED DEPOSITS WELL
- BEDROCK WELL
- WEATHERED BEDROCK WELL
- TEMPORARY WELL
- STREAM BED WELL
- 99.8 TOTAL VOC DETECTED JUN.–OCT. 2009 (ug/L)
- ESTIMATED TOTAL VOC ISOCONTOUR JUN.–OCT. 2009 (ug/L)
- LIMIT OF DETECTED VOC IN UNCONSOLIDATED DEPOSITS AND BEDROCK

Notes:
–The isocontours were drawn considering the maximum VOC concentration for paired wells
–ND = Not Detected above Laboratory PQL
–NS = Not Sampled
–Wells labeled with a date or dates following "NS" were sampled only during the indicated months
–*Acetone was the only VOC detected in well BR–1S
–All samples analyzed by EPA Method 8260B for full analyte list

NON–AVERY SOURCE

PROPERTY BOUNDARY (TYP.)

POND

WATER TANK

GRAVEL DRIVE

Rails (Typical)

FENCE (TYPICAL)

SCALE IN FEET
50 0 50 100 150
GRAPHIC SCALE – FEET

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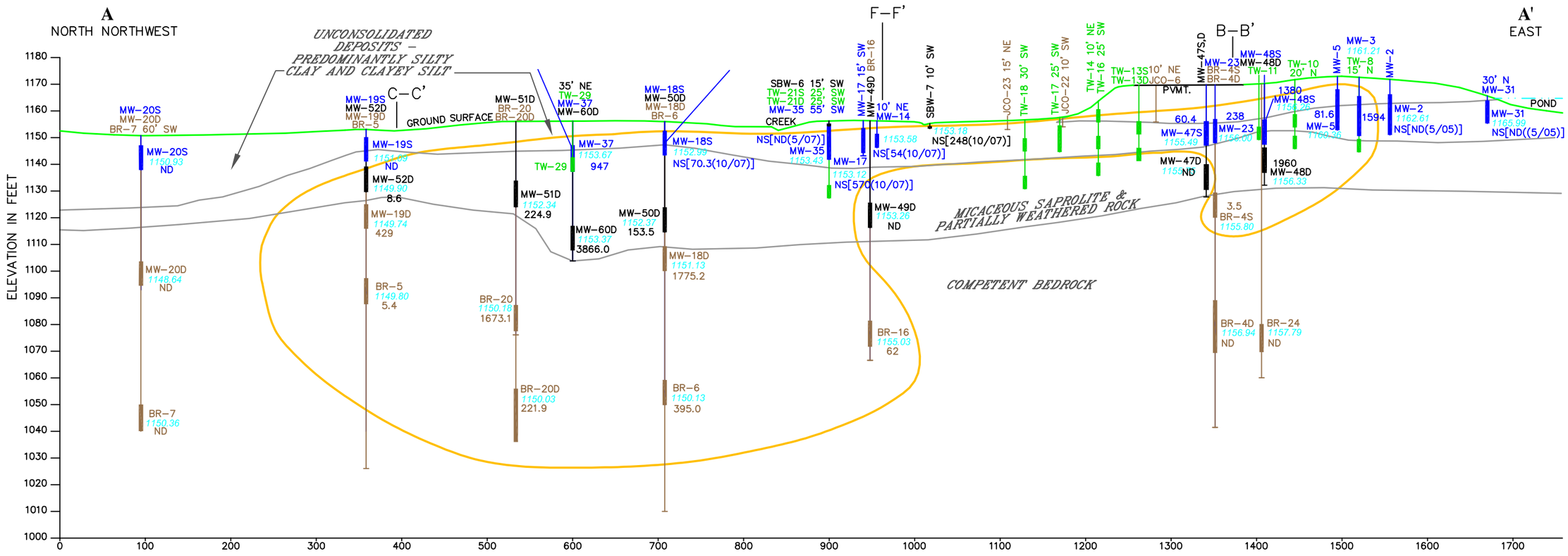
FIGURE ES-2
EXTENT OF VOC IN GROUNDWATER
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

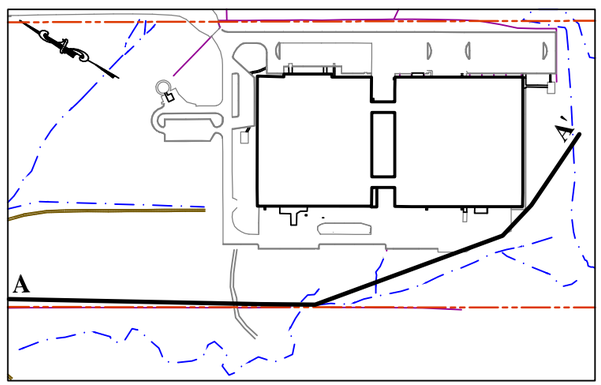
The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/18/10
Reviewed by: CMT Date: 03/01/10
Scale: 1"=100' Project: 1-0145-4



GEOLOGIC PROFILE A - A'

SCALE: 1"=125' HOR., 1"=40' VER., V.E. = 3.125:1



CROSS–SECTION LOCATION PLAN VIEW

LEGEND

- Limit of Detected VOC in Unconsolidated Deposits and Bedrock Jun.–Oct. 2009
- BR–6 Sample ID
- 1150.13 Water Level Elevation (Feet AMSL) [October 13, 2009]
- 6282.5 Total VOC Detected Jun.–Oct. 2009 (ug/L)
- Temporary Monitoring Well Screen Location and Depth
- Unconsolidated Zone Monitoring Well Screen Location and Depth
- Micaceous Saprolite/Partially Weathered Rock Zone Monitoring Well Screen Location and Depth
- Competent Bedrock Zone Monitoring Well Screen Location and Depth
- Soil Boring

Notes:
–ND = not detected above laboratory PQL
–NS = Not Sampled in 2009
–Wells labeled with a date or dates following "NS" were sampled during the indicated months

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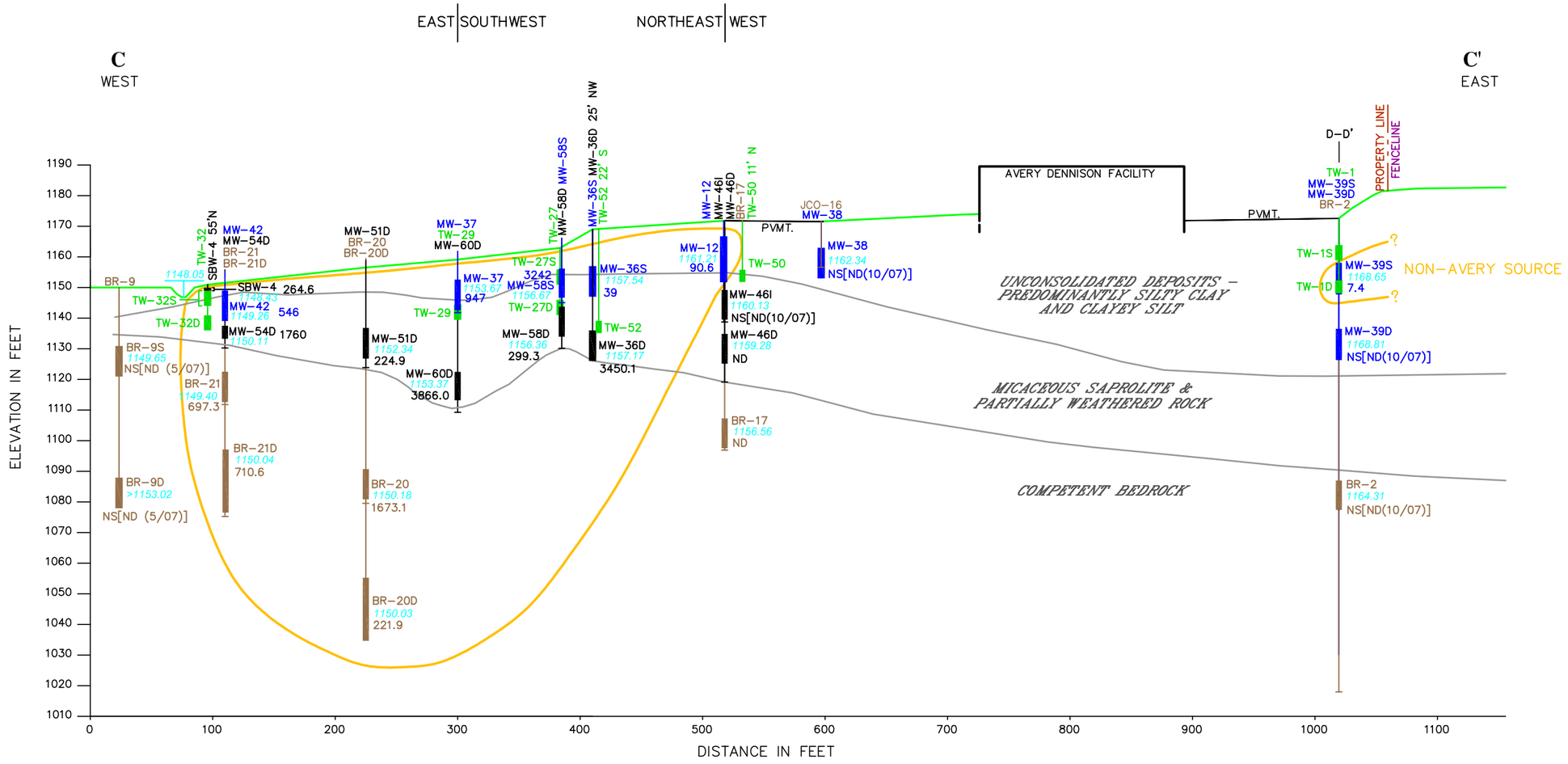
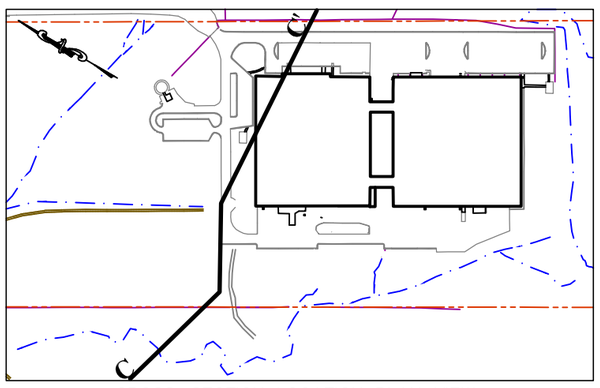
FIGURE ES-3
EXTENT OF VOC IN GROUNDWATER - A-A'
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/17/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4





CROSS–SECTION LOCATION PLAN VIEW

LEGEND

- Limit of Detected VOC in Unconsolidated Deposits and Bedrock Jun.–Oct. 2009
- BR–20 Sample ID
- *1156.94* *Water Level Elevation (Feet AMSL) [October 13, 2009]*
- 1673.1 Total VOC Detected Jun.–Oct. 2009 (ug/L)
- Temporary Monitoring Well Screen Location and Zepth
- Unconsolidated Deposits Zone Monitoring Well Screen Location and Depth
- Micaceous Saprolite/Partially Weathered Rock Zone Monitoring Well Screen Location and Depth
- Competent Bedrock Zone Monitoring Well Screen Location and Depth
- Soil Boring

Notes:
–ND = not detected above laboratory PQL
–NS = Not Sampled in 2009
–Wells labeled with a date or dates following "NS" were sampled during the indicated months

GEOLOGIC PROFILE C-C'

SCALE: 1"=100' HOR., 1"=40' VER., V.E. = 2.5:1

C C'

FIGURE ES-4
EXTENT OF VOC IN GROUNDWATER - C-C'
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

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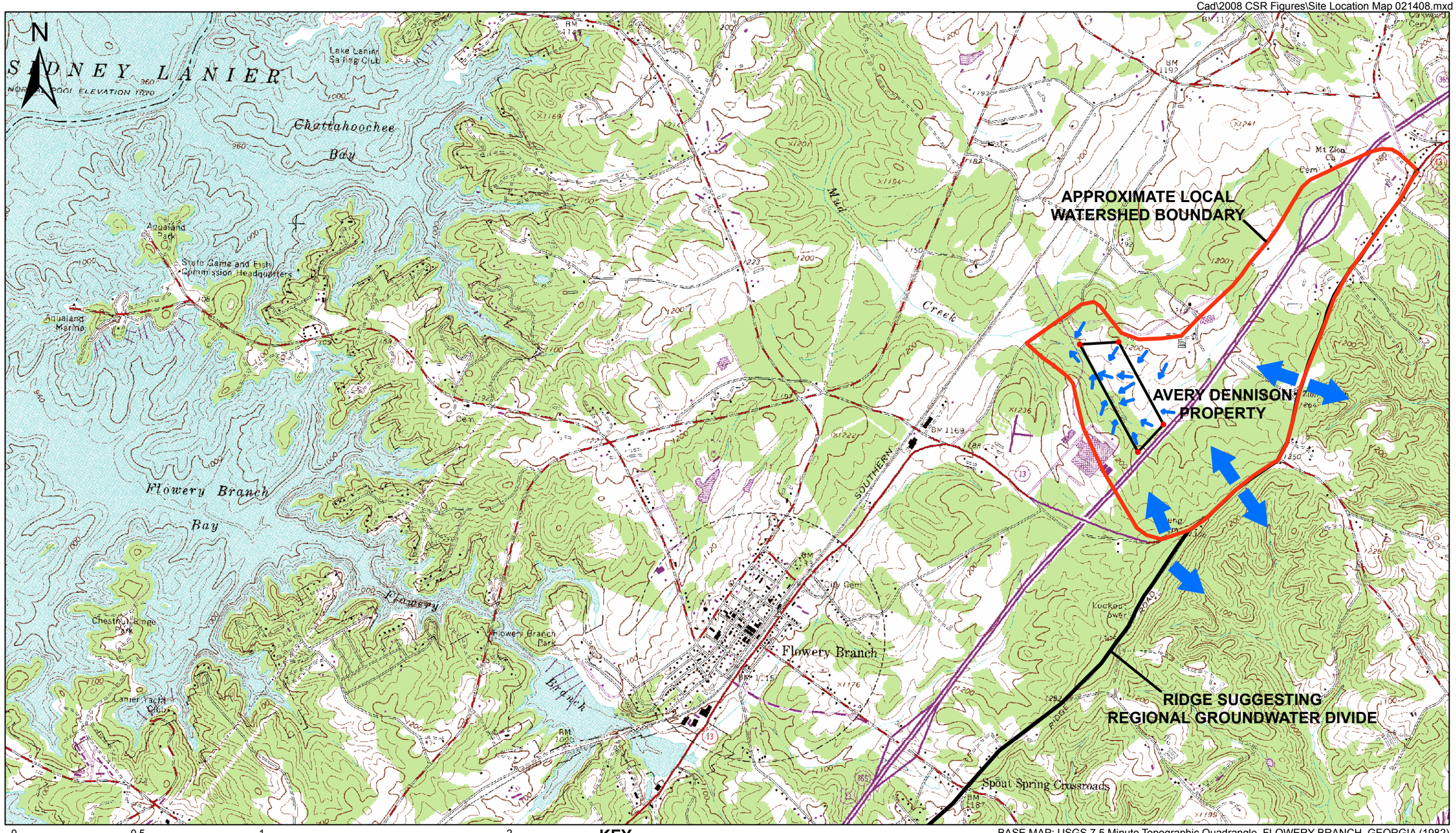
The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/17/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4

Cad\2008 CSR Figures\Site Location Map 021408.mxd



0 0.5 1 2

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000

FEET

CONTOUR INTERVAL: 20 FEET

KEY

LOCAL GROUNDWATER FLOW DIRECTION

REGIONAL GROUNDWATER FLOW DIRECTION

BASE MAP: USGS 7.5 Minute Topographic Quadrangle, FLOWERY BRANCH, GEORGIA (1982)

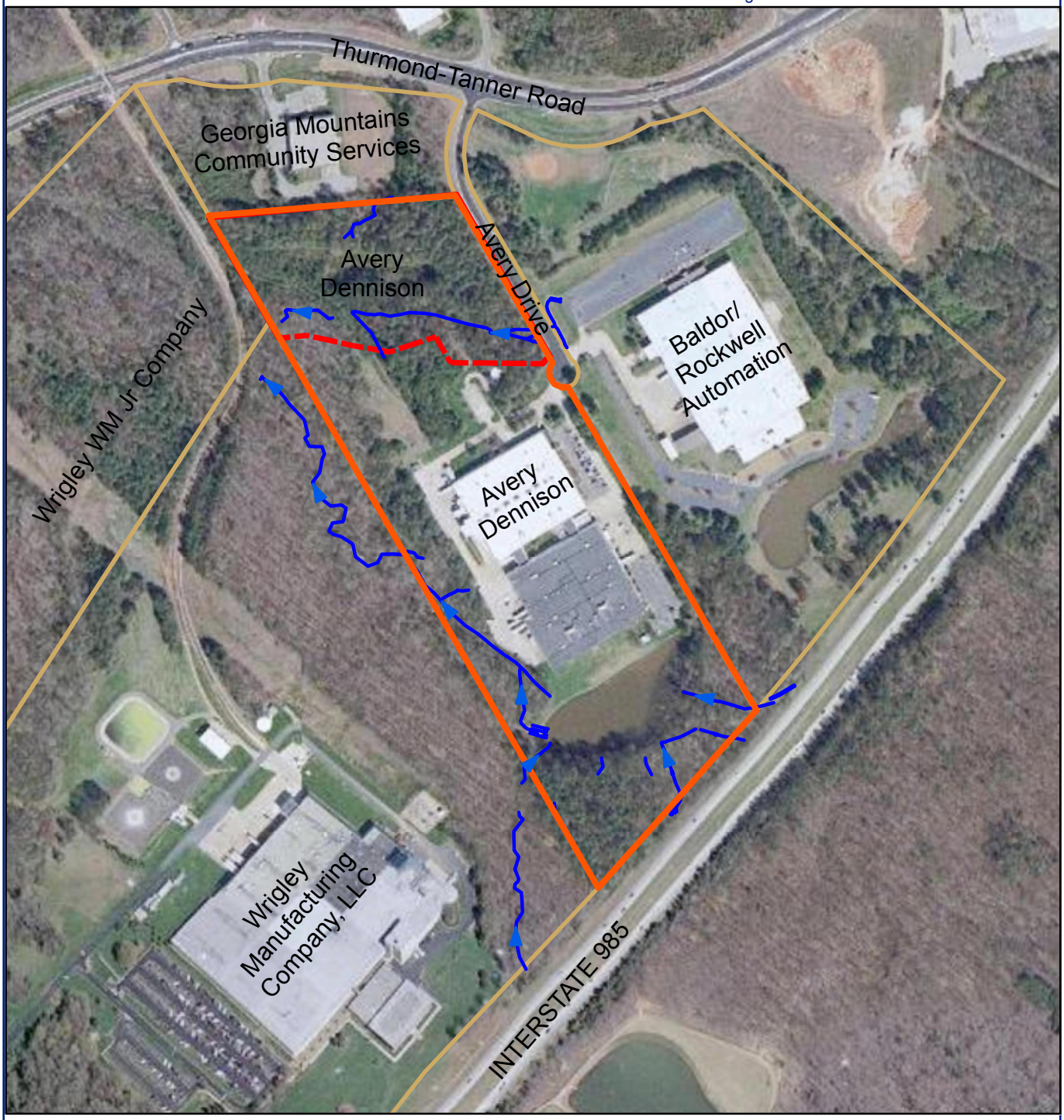
FIGURE 1-1: SITE LOCATION MAP
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: MJR	Date: 10/25/05
Chk'd by: DWS	Date: 2/14/08
App'd by: GAK	Date: 3/3/08
Scale: 1"=2000'	Project: 1-0145-4

Cad\2008 CSR Figures\2008 CSR Aerial Photo 030308.mxd



N

500 250 0 500 1,000 Feet

1:6,000

Surface Water Flow

Neighboring Property Boundary

Approximate Avery Dennison Property Boundary

Approximate Property Line of 2007 Subdivision

Sources:
Subject property outline: survey by Moreland Altobelli Assoc., Inc., land lot 73 - 8th district, Hall County, Georgia 9/6/2007.
Aerial imagery: Globe Explorer, April 2004.
Parcel outlines: Hall County Parcels 2005, Georgia GIS Data Clearinghouse.

FIGURE 1-2
AERIAL PHOTO
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 10/31/07
Reviewed by: GAK Date: 3/3/08
Scale: SHOWN Project: 1-0145-4

N/F
BALDOR

N/F
WRIGLEY

AVERY DRIVE

INTERSTATE HWY 985
SR 365

AVERY DENNISON PROPERTY BOUNDARY

SUBDIVISION APPROXIMATE BOUNDARY - SUBDIVIDED SEPTEMBER 2007
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

CHAIN LINK FENCE

CHAIN LINK FENCE
7' HIGH W/ AUTO GATE

FLUME

CMF

BARBED WIRE FENCE

RAILS

CONCRETE

ASPHALT PARKING

ASPHALT

WATER TANK

PUMP ROOM

CENTER LINE OF DITCH

EDGE OF VEGETATION

NORTH MEZZANINE

SOUTH MEZZANINE

Approximate Area of Office Bathroom Septic System Drainfield

Former QA Lab Septic System Grave

Courtyard Septic Tank

Approximate Location of Tile Bed

Former Industrial Septic System Drainfield

Former TR-111 Above Ground Storage Tank at Loading Dock

1991 TR-111 Release Area

Approximate Area of Scattered Rubbish in Woods

Former Main Septic Tank

Approximate Former Main Septic System Drainfield

Trash Compactor

Dumpster Staging Area

GRAVEL DRIVE

POND

Drop Inlet

SPILLWAY

Parking Lot Embankment Area

OUTFALL #1 (On Cobble)

OUTFALL #2

OUTFALL #3

OUTFALL #4

OUTFALL #5

UNNAMED TRIBUTARY TO MUD CREEK

WEST CULVERT

18"RCP

15"RCP

12"PVC

4"PVC

24"CMP

18"CMP

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- DRAINAGE FEATURE AND DIRECTION OF FLOW
- SEPTIC SYSTEM LINE AND MANHOLE (APPROXIMATE)
- DROP INLET
- SANITARY MANHOLE (SURVEYED)
- CMF — CONCRETE MONUMENT FOUND
- IRON PIN FOUND
- POTENTIAL AREA OF CONCERN
- GROUND ELEVATION (10-FT. MAJOR INTERVALS)
- GROUND ELEVATION (2-FT. MINOR INTERVALS)

Base map: "Survey for The Johnson Company, Inc., Avery Dennison Facility, Avery Drive" by Transportation Systems Design, Inc. 1/24/2005

SCALE IN FEET

100 0 100 200 300

GRAPHIC SCALE - FEET

FIGURE 1-3
FACILITY LAYOUT
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/14/08
Reviewed by: GAK Date: 3/3/08
Scale: SHOWN Project: 1-0145-4

Cad\2008 CSR\2008 CSR Facility Layout 030308.dwg

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- SOIL BORING (JCO, 2005 & 2007)
- SOIL BORING USED FOR BACKGROUND METALS EVALUATION (JCO, 2005 & 2007)
- SOIL VAPOR POINT SOIL SAMPLING LOCATION (JCO, FEB. 2007)
- FOUNDATION INVESTIGATION SOIL BORING (JCO, MAY 2007)
- SOIL BORING (ERM, 1992)
- HAND AUGER SOIL BORING (ERM, 1992)
- GEOPROBE SOIL BORING (PREMIER, 1992)
- COMPOSITE SOIL SAMPLE (PREMIER, 1992)
- FOUNDATION INVESTIGATION TEST PIT SOIL SAMPLING LOCATION (JCO, MAY 2007)
- SEDIMENT SAMPLING LOCATION (JCO, 2005 & 2009)

PROPERTY BOUNDARY (TYPICAL)

WATER TANK

POND

GRAVEL DRIVE

Rails (Typical)

FENCE (TYPICAL)

SCALE IN FEET

50 0 50 100 150

GRAPHIC SCALE – FEET

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FIGURE 3-1: SOIL & SEDIMENT SAMPLING LOCATIONS 1992-2009 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 02/16/10
Reviewed by: CMT	Date: 03/01/10
Scale: As Shown	Project: 1-0145-4

Abbrev.	Compound	Type 3/4 Surface Soil (0-2 ft bgs) RRS	Type 3/4 Sub-Surface Soil (> 2 ft bgs) RRS
1,1,1-TCA	1,1,1-Trichloroethane	98000	98000
1,1,2-TCA	1,1,2-Trichloroethane	500	500
1,1-DCA	1,1-Dichloroethane	56000	400000
1,1-DCE	1,1-Dichloroethene	3860	3860
1,2-DCA	1,2-Dichloroethane	500	500
MEK	2-Butanone (Methyl Ethyl Ketone)	200000	200000
A	Acetone	400000	400000
CA	Chloroethane	2200000	2200000
CD	Carbon Disulfide	82000	400000
CF	Chloroform	4700	10000
c1,2-DCE	cis-1,2-Dichloroethene	1400000	1400000
DCM	Dichloromethane (Methylene Chloride)	600	600
EB	Ethylbenzene	70000	70000
F-11	Freon-11 (Trichlorotrifluoromethane)	200000	200000
PCE	Tetrachloroethene	500	500
T	Toluene	100000	100000
t1,2-DCE	trans-1,2-Dichloroethene	10000	10000
TCE	Trichloroethene	500	500
X	Xylenes (total)	1000000	1000000

Notes:
- ND = Not detected above laboratory practical quantitation limit
- All concentrations in µg/Kg
- Only results for detected compounds are shown
- Sample dates as shown, e.g. 3/05 = March 2005

PROPERTY BOUNDARY (TYPICAL)

POND

WATER TANK

GRAVEL DRIVE

Rails (Typical)

FENCE (TYPICAL)

JCO-17 ND

JCO-89 ND

B-33

JCO-90 ND

B-33	0-2'	6-8'
	9/92	9/92
1,1,1-TCA	ND	6

GP-01 ND

HAB-1⊕ ND

JCO-2 ND

JCO-1 ND

JCO-10 ND

B-1 ND

B-8	2-4'	6-8'	8-10'
	9/92	9/92	9/92
1,1,1-TCA	6	ND	ND

JCO-97	3'	5'
	6/05	6/05
1,1,1-TCA	210	180
1,1-DCE	110	130

B-11	2-4'	4-6'	6-8'	8-10'
	9/92	9/92	9/92	9/92
1,1,1-TCA	4700	1700	52	ND
1,1,2-TCA	ND	7	ND	ND
1,2-DCA	ND	9	ND	ND
EB	ND	6	ND	ND
T	6800	2500	18	ND
X	ND	33	ND	ND

GP-09	0-2'	2-4'
	2/02	2/02
A	120	ND

B-2 ND

B-4 ND

B-3 ND

GP-09

B-6

B-7 ND

B-5 ND

JCO-97

B-9

B-8 ND

JCO-3 ND

B-11

B-13 ND

B-10

B-14 ND

B-12 ND

JCO-127	16-17'	19-20'
	10/07	10/07
TCE	8.1	ND

B-9	2-4'	6-8'	8-10'
	9/92	9/92	9/92
1,1,1-TCA	15	ND	9

B-15 ND

JCO-4 ND

B-10	2-4'	6-8'	8-10'
	9/92	9/92	9/92
1,1,1-TCA	5	ND	ND
T	5	ND	ND

JCO-6

JCO-5

JCO-87 ND

JCO-66 ND

JCO-5	0-5'	5-10'
	3/05	3/05
T	ND	14

JCO-6	8.0'	12.0'
	3/05	3/05
EB	ND	12
PCE	9.8	ND

JCO-57

JCO-84

JCO-56

JCO-55 ND

JCO-54 ND

JCO-52 ND

JCO-53 ND

JCO-58 ND

JCO-51 ND

JCO-85 ND

JCO-86 ND

JCO-56	9'	14'
	3/05	3/05
c1,2-DCE	ND	13
t1,2-DCE	ND	7.2

JCO-125 ND

JCO-126 ND

JCO-124 ND

JCO-127

JCO-57	6'	14'
	3/05	3/05
c1,2-DCE	ND	53
t1,2-DCE	ND	41
TCE	ND	16

JCO-84	14'	17'
	6/05	6/05
c1,2-DCE	110	ND
t1,2-DCE	58	ND
TCE	7	ND

JCO-122 ND

JCO-67

JCO-121 ND

JCO-123 ND

JCO-120 ND

JCO-68

JCO-70

JCO-69

JCO-75 ND

JCO-71

JCO-74 ND

JCO-73

JCO-72 ND

JCO-67	2.0'	12.0'
	3/05	3/05
CF	8.2	10

JCO-68	2.0'	9.0'
	3/05	3/05
CF	ND	13

JCO-70	1.0'	8.0'
	3/05	3/05
CF	26	14

JCO-69	1.0'	12.0'
	3/05	3/05
CF	ND	87

JCO-71	4.0'	10.0'
	3/05	3/05
CF	190	49
DCM	13	ND

B-31	2-4'	8-10'
	9/92	9/92
1,1,1-TCA	3000	14
1,1-DCA	ND	5
T	3600	6

B-30	2-4'	8-10'
	9/92	9/92
1,1,1-TCA	11000	13
T	9800	8
X	900	ND

B-32	4-6'	8-10'
	9/92	9/92
T	14	ND

JCO-15	5.0'	7.0'
	3/05	3/05
1,1-DCA	11	6.1
1,1-DCE	ND	14
A	ND	160
CA	ND	67
T	ND	14

JCO-16 ND

JCO-96

JCO-95 ND

JCO-94 ND

JCO-15

B-31

B-30

B-32

JCO-49 ND

JCO-48 ND

JCO-47 ND

JCO-50 ND

JCO-46 ND

JCO-43 ND

JCO-45 ND

JCO-44 ND

GP-02 ND

CS-1 ND

CS-2 ND

JCO-96	4'
	6/05
1,1-DCA	6.2

JCO-64	8.0'
	3/05
A	12
T	12

JCO-65	9'	12'
	3/05	3/05
MEK	48	ND
A	290	ND

B-19	3.5-5.5'
	9/92
1,1,1-TCA	5
1,1-DCA	7

B-20	3.5-5.5'
	9/92
1,1,1-TCA	30
1,1-DCA	12

B-21	6-8'
	9/92
1,1,1-TCA	14
T	6

JCO-117 ND

JCO-116 ND

JCO-118 ND

JCO-119 ND

B-20

B-19

B-21

JCO-130 ND

JCO-20 ND

B-18

JCO-19 ND

JCO-18 ND

JCO-65

JCO-64

JCO-63 ND

JCO-62 ND

JCO-60 ND

JCO-61 ND

JCO-12 ND

B-18	3.5-5.5'
	9/92
1,1,1-TCA	22
1,1-DCA	12

B-17	0-2'	3.5-5.5'
	9/92	9/92
1,1,1-TCA	ND	17
T	ND	5

B-16	3.5-5.5'	8.5-10.5'
	9/92	9/92
T	ND	6

JCO-13

JCO-13	5.0'
	3/05
T	7.2

JCO-14 ND

JCO-41	9.0'	10.5'
	3/05	3/05
1,1-DCE	44	14
CD	ND	18
CA	17	ND
T	19	24

JCO-40	7.0'	10.0'
	3/05	3/05
1,1-DCE	6.5	ND
T	7.3	ND

JCO-38	7.0'	9.0'
	3/05	3/05
1,1-DCA	ND	18
1,1-DCE	ND	7.9

ND JCO-39

JCO-40

JCO-41

JCO-38

JCO-37 ND

JCO-34 ND

JCO-35 ND

JCO-36 ND

JCO-33 ND

JCO-42 ND

JCO-31 ND

JCO-29 ND

JCO-30

JCO-11

B-16

JCO-9

JCO-8 ND

GP-10 ND

JCO-7 ND

JCO-26 ND

JCO-27 ND

JCO-25 ND

JCO-28 ND

JCO-24 ND

JCO-23 ND

JCO-22 ND

JCO-21 ND

JCO-9	5.0'	13.0'
	3/05	3/05
T	120	ND

JCO-30	1.0'	2.0'
	3/05	3/05
1,1,1-TCA	6.5	ND
1,1-DCA	6.5	10

JCO-11	5.0'	11.0'
	3/05	3/05
T	11	ND

⊕HAB-2

HAB-2	2-3'
	9/92
1,1,1-TCA	190
1,1-DCA	21

JCO-88 ND

GP-08 ND

GP-07

JCO-91 ND

GP-07	0-2'	2-4'
	2/02	2/02
A	110	ND

GP-06	0-2'	2-4'
	2/02	2/02
A	86	ND

GP-06

JCO-92 ND

GP-04 ND

GP-05 ND

JCO-93 ND

GP-03

GP-03	0-2'	2-4'
	2/02	2/02
A	100	ND

GP-12 ND

B-28

B-28	0-2'	2-4'
	9/92	9/92
1,1,1-TCA	ND	10
A	ND	110

B-27

B-27	0-2'	8-10'
	9/92	9/92
1,1,1-TCA	ND	5

B-24

B-24	0-2'
	9/92
1,1,1-TCA	9

B-26

B-26	2-4'	4-6'
	9/92	9/92
1,1,1-TCA	17	ND

B-25 ND

B-22

B-22	0-2'	4-6'
	9/92	9/92
1,1,1-TCA	9	8
1,1-DCA	ND	15
CD	ND	78

B-23

B-23	0-2'
	9/92
1,1,1-TCA	20
1,1-DCE	18

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- SOIL BORING (JCO, 2005-2009)
- SOIL BORING (ERM, SEPT. 1992)
- ⊕ HAND AUGER SOIL BORING (ERM, SEPT. 1992)
- GEOPROBE SOIL BORING (PREMIER, 1992)
- COMPOSITE SOIL SAMPLE (PREMIER, 1992)

Note: All samples analyzed by EPA Method 8260B. Depths indicated are feet below ground surface.

SCALE IN FEET

50 0 50 100 150

GRAPHIC SCALE – FEET

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FIGURE 3-2
SOIL VOC RESULTS 1992-2009
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/16/10

Reviewed by: CMT Date: 03/01/10

Scale: As Shown Project: 1-0145-4

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- SOIL BORING (JCO, 2005 – 2009)
- SOIL BORING USED FOR BACKGROUND METALS EVALUATION (JCO, 2005 & 2007)
- HAND AUGER SOIL BORING (ERM, 1992)

Abbreviation Key	
As	Arsenic
Ba	Barium
Cr	Chromium
Pb	Lead
Se	Selenium
TPH	Total Petroleum Hydrocarbons
ND	Not Detected above Laboratory PQL
NS	Not Sampled

Notes:
-All results In mg/Kg
-Only results for detected metals are shown
-Sample dates as shown, e.g. 3/05 = March 2005

Risk Reduction Standards	Type 3/4 Surface Soil (mg/Kg)	Type 3/4 Sub-Surface Soil (mg/Kg)
As	38	41
Ba	6015	6015
Cr	15773	100000
Pb	-	-
Se	36	36

PROPERTY BOUNDARY (TYPICAL)

WATER TANK

POND

GRAVEL DRIVE

Rails (Typical)

FENCE (TYPICAL)

JCO-83	
	6/05
Ba	53.6
Cr	61.7
Pb	31.4
Se	5.47

JCO-82	
	6/05
Ba	77.9
Cr	54.9
Pb	29.3
Se	6.68

JCO-81	
	6/05
Ba	55.1
Cr	24.5
Pb	12.2
Se	5.62

JCO-80	
	6/05
Ba	37.2
Cr	11.6
Pb	15.2

JCO-17	
	3/05
As	32.5
Ba	87.7
Cr	48.4
Pb	15.9
TPH	ND

JCO-79	
	6/05
As	13.7
Ba	99.4
Cr	56.9
Pb	16.9

JCO-78	
	6/05
As	7.07
Ba	91.7
Cr	34.8
Pb	12.7

JCO-77	
	6/05
As	11.9
Ba	36.1
Cr	72
Pb	11.1

JCO-76	
	6/05
As	13.3
Ba	54
Cr	38.1
Pb	14.8

JCO-140 0-2'	JCO-140 2-8'
10/07	10/07
11.6	15
48.8	26.2
37.8	60.9

JCO-136 0-2'	JCO-136 2-8'
10/07	10/07
35.4	10.1
53.4	32.2
69.2	44.5

JCO-137 0-2'	JCO-137 2-8'
10/07	10/07
22.5	15.4
59.9	40.6
54.8	95.7

JCO-138 0-2'	JCO-138 2-8'
10/07	10/07
14.5	ND
37.5	61.7
55	18.2

JCO-139 0-2'	JCO-139 2-8'
10/07	10/07
10.2	14.2
45.5	39.6
46.3	79.2

JCO-1A 0-4'	
	3/05
As	16.3
Ba	41
Cr	42.3
Pb	18.4

JCO-2A 0-5'	JCO-2B 5-7.7'
3/05	3/05
8.23	ND
23	57.3
36.2	27.4
7.02	16.8

JCO-10 0-6'	
	3/05
As	12.1
Ba	34.8
Cr	73.5
Pb	17.9

JCO-3A 0-5'	JCO-3B 5-8'
3/05	3/05
45.6	46.5
18.5	21
7.56	9.57

JCO-4A 0-5'	JCO-4B 5-8'
3/05	3/05
52.7	64.8
15.1	20.3
5.82	6.06

JCO-5A 0-5'	JCO-5B 5-10'	JCO-5-RPT 0-2'	JCO-5-RPT 2-8'
3/05	3/05	6/09	6/09
48.9	32.8	12.2	20.3
69.9	50.6	NS	NS
122	74.7	NS	NS
18.5	18.4	NS	NS

HAB-4	
	2002
TPH	ND

HAB-3	
	2002
TPH	ND

JCO-131 0-2'	JCO-131 2-8'
10/07	10/07
90.9	36.9
4.57	3.51

JCO-132 0-2'	JCO-132 2-8'
10/07	10/07
64	99.9
7.25	15.1

JCO-133 0-2'	JCO-133 2-8'
10/07	10/07
18	18.6
23.8	10

JCO-134 0-2'	JCO-134 2-8'
10/07	10/07
41	22.2
24.4	30

JCO-135 0-2'	JCO-135 2-8'
10/07	10/07
37.2	7.5
33.3	24.3

JCO-48 0-14'	
	3/05
TPH	ND

JCO-47 0-13'	
	3/05
Ba	164
Cr	5.18
Pb	21
TPH	ND

JCO-43 0-12'	
	3/05
Ba	148
Cr	4.63
Pb	30.9
TPH	ND

JCO-50 0-12'	
	3/05
Ba	104
Cr	14.9
Pb	30.6
TPH	ND

JCO-46 0-13'	
	3/05
Ba	58.9
Cr	17
Pb	10.5
TPH	ND

JCO-49 0-10'	
	3/05
Ba	115
Cr	7.66
Pb	16.3
TPH	ND

JCO-95 12'	JCO-95 15'
6/05	6/05
41.5	172
16.7	ND
28.9	20.8

JCO-94 7'	JCO-94 15'
6/05	6/05
16.7	125
6.99	ND
16.8	ND

JCO-45 0-13'	
	3/05
Ba	127
Cr	14.1
Pb	29.9
TPH	253

JCO-44 0-13'	
	3/05
TPH	ND

JCO-68 0-9'	
	3/05
As	6.72
Ba	15.4
Cr	39.6
Pb	10.3
TPH	ND

JCO-67 0-12'	
	3/05
As	8.31
Ba	14.5
Cr	48.1
Pb	13.3
TPH	ND

JCO-70 0-8'	
	3/05
As	8.58
Ba	18.9
Cr	50.2
Pb	12.3
TPH	ND

JCO-69 0-12'	
	3/05
As	7.8
Ba	21.8
Cr	50.3
Pb	14.5
TPH	ND

JCO-75 0-8'	
	3/05
As	12.5
Ba	66.5
Cr	74.3
Pb	17.1
TPH	ND

JCO-74 0-8'	
	3/05
As	10
Ba	34.3
Cr	63.6
Pb	15
TPH	ND

JCO-71 0-10'	
	3/05
As	9.84
Ba	22.3
Cr	45.2
Pb	13.2
TPH	ND

JCO-72 0-9'	
	3/05
As	10.8
Ba	41.6
Cr	194
Pb	17.9
TPH	ND

JCO-73 0-9'	
	3/05
As	8.75
Ba	48.4
Cr	54.8
Pb	15.7
TPH	ND

JCO-118 0-2'	JCO-118 2-8'
10/07	10/07
58.7	70.9
Cr	65.8	68.9

JCO-119 0-2'	JCO-119 2-8'
10/07	10/07
Cr	65.8	68.9

JCO-117 0-2'	JCO-117 2-8'
10/07	10/07
Cr	54.6	78.6

JCO-116 0-2'	JCO-116 2-8'
10/07	10/07
Cr	25.3	26.7

JCO-65 0-14'	
	3/05
TPH	ND

JCO-64 0-8'	
	3/05
TPH	ND

JCO-80 0-14'	
	3/05
TPH	ND

JCO-63 0-14'	
	3/05
TPH	ND

JCO-62 0-14'	
	3/05
TPH	ND

JCO-61 0-14'	
	3/05
TPH	ND

JCO-128 0-2'	JCO-128 2-8'
10/07	10/07
Cr	208	91.9

JCO-129 0-2'	JCO-129 2-8'
10/07	10/07
Cr	104	62.5

JCO-130 0-2'	JCO-130 2-8'
10/07	10/07
Cr	60.4	80

JCO-9 0-13'	
	3/05
As	7.92
Ba	79.7
Cr	64.1
Pb	13.5
TPH	ND

JCO-8 0-13'	
	3/05
As	11.8
Ba	83.7
Cr	72.9
Pb	15.9
TPH	ND

JCO-7 0-11'	
	3/05
Ba	52.5
Cr	48.2
Pb	13.7
TPH	ND

JCO-6 0-11'	
	3/05
As	6.94
Ba	47.4
Cr	40.7
Pb	14.9
TPH	ND

JCO-57 0-13'	
	3/05
TPH	ND

JCO-58 0-13'	
	3/05
TPH	ND

JCO-51 0-14'	
	3/05
TPH	ND

JCO-56 0-15'	
	3/05
TPH	ND

JCO-55 0-15'	
	3/05
TPH	ND

JCO-54 0-14'	
	3/05
TPH	ND

JCO-53 0-15'	
	3/05
TPH	ND

JCO-52 0-15'	
	3/05
TPH	ND

JCO-66 0-4'	
	3/05
TPH	ND

JCO-36 0-6'	
	3/05
TPH	ND

JCO-35 0-3'	
	3/05
TPH	ND

JCO-34 0-6'	
	3/05
TPH	ND

JCO-33 0-7'	
	3/05
TPH	ND

JCO-42	
	3/05
TPH	ND

JCO-31 0-1'	
	3/05
TPH	133

JCO-30 0-3'	
	3/05
TPH	ND

JCO-29 0-3'	
	3/05
TPH	ND

JCO-27 0-1.5	
	3/05
TPH	ND

JCO-24 0-2.4'	
	3/05
TPH	ND

JCO-25 0-2.4'	
	3/05
TPH	ND

SCALE IN FEET
50 0 50 100 150
GRAPHIC SCALE – FEET

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FIGURE 3-3
SOIL SAMPLE RESULTS - METALS & TPH
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/16/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4

LEGEND

BUILDING FOOTPRINT

SURFACE WATER/DRAINAGE

SEDIMENT SAMPLE LOCATION

Note: All samples analyzed by EPA Method 8260B for full analyte list

Abbreviation Key	
1,1,1-TCA	1,1,1-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
Styrene	Styrene
ND	Not Detected above Laboratory PQL

Notes:
- All results in µg/Kg
- Only results for detected compounds are shown
- Sample dates as shown, e.g. 6/05 = June 2005

Risk Reduction Standards	Type 3/4 Surface Soil (ug/Kg)
1,1,1-TCA	98,000
1,1-DCA	56,000
1,1-DCE	3,860
Styrene	64,000

Note: No detections of VOC in sediment exceed site-specific Type 3/4 risk reduction standards for soil.

PROPERTY BOUNDARY (TYPICAL)

WATER TANK

POND

JCO-SED-13	
	6/05
Styrene	35

JCO-SED-13

JCO-SED-12 ND

ND JCO-SED-14

JCO-SED-11 ND

SBW-10 ND

SBW-9 ND

SBW-8 ND

SBW-6	
	6/05
1,1,1-TCA	23
1,1-DCA	16
1,1-DCE	18

SBW-7 ND

SBW-6

GRAVEL DRIVE

SBW-4	
	6/05
1,1,1-TCA	110
1,1-DCA	19
1,1-DCE	64

SBW-4

SBW-1 ND

SBW-2 ND

SBW-3 ND

SBW-5 ND

Rails (Typical)

FENCE (TYPICAL)

SCALE IN FEET

50 0 50 100 150

GRAPHIC SCALE – FEET

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FIGURE 3-4
SEDIMENT SAMPLE RESULTS - VOC
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/16/10

Reviewed by: CMT Date: 03/01/10

Scale: As Shown Project: 1-0145-4

LEGEND

BUILDING FOOTPRINT

SURFACE WATER/DRAINAGE

SEDIMENT SAMPLE LOCATION

Abbreviation Key	
As	Arsenic
Ba	Barium
Cr	Chromium
Pb	Lead
ND	Not Detected above Laboratory PQL

Notes:
- All results in mg/Kg
- Only results for detected metals are shown
- SBW-1 through SBW-5 sediment samples were not analyzed for metals
- Sample dates as shown, e.g. 6/05 = June 2005

NOAA Severe Effect Levels	
	NOAA SEL Sediment Criteria
As	33
Ba	-
Cr	110
Pb	250

Note: NOAA SEL - National Oceanographic and Atmospheric Administration Severe Effect Level

PROPERTY BOUNDARY (TYPICAL)

POND

WATER TANK

JCO-SED-14	
	6/05
As	11.8
Ba	41
Cr	22.1
Pb	50.3

JCO-SED-13	
	6/05
As	6.33
Ba	30.2
Cr	33.8
Pb	22.2

JCO-SED-12	
	6/05
Ba	31.8
Cr	21.5
Pb	25.3

JCO-SED-11	
	6/05
Ba	30.8
Cr	23.5
Pb	15.2

SBW-10	
	3/05
Cr	247

SBW-9	
	3/05
Cr	64.7

JCO-SED-17	
	6/09
Cr	6.4

JCO-SED-16	
	6/09
Cr	60.5

SBW-8	
	3/05
Cr	24.8

JCO-SED-15	
	6/09
Cr	73.1

SBW-7	
	3/05
Cr	16.4

SBW-6	
	3/05
Cr	52

JCO-SED-14 JCO-SED-13 JCO-SED-12 JCO-SED-11

SBW-10 SBW-9 SBW-8 SBW-7 SBW-6

JCO-SED-17 JCO-SED-16 JCO-SED-15

GRAVEL DRIVE

FENCE (TYPICAL)

Rails (Typical)

SCALE IN FEET

50 0 50 100 150

GRAPHIC SCALE – FEET

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FIGURE 3-5
SEDIMENT SAMPLE RESULTS - METALS
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/16/10

Reviewed by: CMT Date: 03/01/10

Scale: As Shown Project: 1-0145-4

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- GEOLOGIC PROFILE LINE
- UNCONSOLIDATED DEPOSITS WELL
- BEDROCK WELL
- WEATHERED BEDROCK WELL
- TEMPORARY WELL
- SURFACE WATER MONITORING LOCATION
- STREAM BED WELL

WATER TANK

POND

PROPERTY BOUNDARY (TYP.)

GRAVEL DRIVE

FENCE (TYPICAL)

Rails (Typical)

SCALE IN FEET

50 0 50 100 150

GRAPHIC SCALE – FEET

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FIGURE 4-1
LOCATIONS OF GEOLOGIC PROFILES
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/16/10

Reviewed by: CMT Date: 03/01/10

Scale: As Shown Project: 1-0145-4

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- UNCONSOLIDATED DEPOSITS WELL
- BEDROCK WELL
- WEATHERED BEDROCK WELL
- STREAM BED WELL
- 1173.73 — WELL TOP OF CASING ELEVATION (FT. AMSL)
- 1170.88 — WELL GROUND SURFACE ELEVATION (FT. AMSL)

Notes:
1) Map based on surveys by Transportation Systems Design, Inc. on 1/24/05 & 11/9/07 and by Monte Bruner on 9/16/09.
2) The datum upon which the surveys are based is the State Plane Coordinate System of Georgia
3) Elevations referenced to the North American Vertical Datum of 1988 (NAVD88)
4) Top of casing and ground surface elevations for temporary wells TW-45 through TW-56 were established by measuring distances from surveyed points. Approximate ground surface elevations shown for these wells were inferred from topographic contours. Temporary wells TW-45 through TW-56 were not used for collection of water level data.

PROPERTY BOUNDARY (TYPICAL)

WATER TANK

POND

GRAVEL DRIVE

Rails (Typical)

FENCE (TYPICAL)

MW-41 1173.81 1170.66
BR-12 1173.73 1170.88
BR-1S 1181.08 1178.18
BR-1D 1181.00 1178.06
MW-13 1178.09 1178.11
MW-30 1175.55 1175.82
MW-21 1163.35 1160.25
MW-10 1158.81 1156.17
MW-11 1169.76 1166.85
MW-9 1158.51 1155.90
MW-20S 1154.42 1150.95
MW-20D 1153.59 1150.72
MW-44D 1173.77 1174.05
MW-44S 1173.35 1173.92
BR-13 1173.30 1173.67
TW-45S TW-45I TW-45D 1174
BR-14 1173.65 1173.98
MW-43D 1173.41 1173.71
MW-43S 1173.34 1173.67
BR-2 1172.39 1172.72
MW-39S 1172.20 1172.53
MW-39D 1172.09 1172.44
TW-46S TW-46I TW-46D 1173
TW-1S 1172.63 1172.45
TW-1D 1172.57 1172.50
TW-47S TW-47I TW-47D 1172
TW-48S TW-48I TW-48D 1172
MW-22 1170.92 1171.11
BR-3 1174.56 1171.49
MW-40D 1174.06 1171.10
TW-2S TW-2D 1169.31 1169.25 1169.16 1169.19
TW-3S TW-3D 1171.18 1170.89 1170.91 1170.95
MW-34 1173.45 1173.74
MW-32 1173.73 1174.02
TW-4S 1174.85 1173.54
TW-4D 1175.72 1173.50
MW-31 1169.49 1169.72
TW-5S 1167.73 1166.39
TW-5D 1167.80 1166.61
MW-1 1172.34 1172.46
TW-6S 1168.24 1166.34
TW-6D 1167.52 1166.40
MW-63 1174.17 1174.47
MW-64 1174.25 1174.50
MW-66 1174.15 1174.44
TW-56 1173
MW-3 1173.32 1173.68
MW-2 1171.67 1171.92
TW-8D 1175.03 1173.66
MW-65D 1174.11 1174.41
MW-65S 1174.08 1174.40
MW-5 1172.91 1173.15
MW-4 1171.99 1172.16
TW-53D TW-53S
TW-54 1173
TW-55 1173
TW-9S 1173.95 1172.08
TW-9D 1173.34 1172.07
TW-7S 1168.17 1166.43
TW-7D 1167.21 1166.46
TW-10S TW-10D 1174.07 1172.73
MW-23 1169.71 1169.65
MW-48S 1169.79 1170.05
MW-48D 1169.73 1170.07
TW-11 1171.16 1169.76
SBW-10 1160.88 1156.22
BR-24 1169.96 1170.19
SBW-9 1159.96 1155.16
BR-4S 1169.48 1169.85
BR-4D 1169.58 1169.79
MW-47S 1169.51 1169.81
MW-47D 1169.34 1169.71
TW-13S 1169.92 1168.73
TW-13D 1170.09 1168.66
SBW-8 1159.34 1154.07
TW-14S 1170.21 1168.82
TW-14D 1170.40 1168.82
TW-16S 1159.12 1158.00
TW-16D 1159.25 1158.00
TW-12S TW-12D 1161.50 1160.88 1159.10 1159.26
MW-33 1162.48 1159.05
TW-15S TW-15D 1170.26 1170.52 1169.68 1169.59
MW-6 1168.70 1168.63
BR-15 1168.27 1168.51
MW-45D 1167.88 1168.37
MW-45S 1168.15 1168.45
MW-7 1167.64 1167.78
TW-17S TW-17D 1158.83 1158.76 1157.49 1157.45
TW-18S TW-18D 1159.40 1158.53 1157.44 1157.32
MW-14 1159.35 1156.47
MW-49D 1159.21 1156.72
MW-17 1158.71 1156.41
SBW-7 1157.07 1152.43
BR-16 1159.30 1156.60
SBW-6 1156.74 1151.81
MW-16S 1161.19 1158.37
MW-16D 1160.50 1158.37
BR-11 1161.08 1158.59
MW-15S 1176.20 1173.02
MW-15D 1175.13 1172.48
TW-21S TW-21D 1157.11 1156.66 1155.85 1155.82
TW-20S TW-20D 1156.67 1157.17 1156.40 1156.27
MW-35 1158.57 1155.75
MW-24 (APPROX.) 1162.61
TW-22S TW-22D 1170.72 1170.80 1170.62 1170.63
TW-23S 1169.28 1169.15
TW-23D 1169.80 1169.17
TW-24S 1172.39 1170.86
TW-24D 1171.87 1170.85
TW-49 1168
TW-51 1168
TW-52 1168
MW-36S 1172.59 1169.44
MW-36D 1172.49 1169.14
TW-28S 1170.85 1168.85
TW-28D 1170.21 1168.89
MW-58D 1166.17 1163.79
MW-58S 1168.12 1163.69
TW-27S 1164.84 1163.05
TW-27D 1164.92 1163.05
MW-57I 1162.39 1159.74
MW-57D 1162.26 1159.77
MW-8 1162.24 1159.96
BR-23 1160.89 1159.07
MW-59I 1159.42 1156.66
MW-59D 1159.81 1156.93
MW-37 1161.90 1159.17
TW-29 1159.83 1158.87
MW-60D 1161.72 1159.22
MW-51D 1158.91 1156.20
BR-20D 1159.02 1156.22
BR-20 1159.48 1156.53
MW-52D 1155.74 1152.89
MW-19S 1155.38 1152.85
BR-5 1156.00 1153.01
MW-19D 1154.99 1152.69
TW-26S 1166.05 1164.35
TW-26D 1166.15 1164.07
BR-19 1167.05 1164.10
TW-25S TW-25D 1165.90 1165.72 1164.11 1164.12
MW-56D 1167.18 1164.28
MW-18D 1158.25 1155.52
MW-18S 1158.17 1155.58
BR-6 1158.35 1155.39
MW-50D 1157.76 1155.11
MW-61 1170.03 1170.37
BR-17 1169.47 1169.77
MW-46I 1169.56 1169.89
MW-46D 1169.67 1169.91
TW-50 1171
MW-12 1170.70 1170.69
MW-38 1171.27 1171.54
TW-39S 1170.52 1168.98
TW-39D 1170.03 1169.05
TW-38S 1171.75 1169.89
TW-38D 1171.45 1169.82
BR-22D 1151.83 1149.01
BR-7 1151.88 1149.11
TW-37S 1151.36 1149.73
TW-37D 1151.86 1149.67
MW-62 1152.27 1149.36
SBW-2 1151.56 1147.07
SBW-1 1151.41 1147.21
BR-22S 1151.91 1149.09
TW-36 1151.32 1150.02
MW-27S 1152.77 1150.15
MW-27D 1152.91 1150.32
SBW-3 1152.61 1147.26
TW-35 1150.68 1149.44
MW-28 1152.21 1149.71
BR-8S 1152.52 1149.60
BR-8D 1152.60 1149.84
TW-33 1152.20 1150.92
SBW-4 1152.50 1147.42
MW-54D 1155.38 1152.52
BR-21D 1155.38 1152.67
BR-21 1155.83 1152.91
MW-42 1155.77 1152.90
TW-32S 1151.71 1150.94
TW-32D 1151.34 1150.83
SBW-5 1153.16 1148.34
TW-34 1151.07 1150.17
BR-9S 1153.51 1150.59
BR-9D 1153.02 1150.45
TW-31S 1152.75 1151.86
TW-31D 1152.30 1151.86
MW-29 1153.74 1150.85
MW-26D 1153.92 1151.69
MW-26S 1154.12 1151.90
MW-25D 1156.58 1154.20
MW-W 1156.55
MW-25DRX 1156.57 1154.08
TW-30S 1155.55 1154.34
TW-30D 1154.50 1154.17
BR-10S 1158.32 1155.72
BR-10D 1159.07 1156.30

SCALE IN FEET
50 0 50 100 150
GRAPHIC SCALE – FEET

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FIGURE 4-2: WELL TOP OF CASING AND GROUND SURFACE ELEVATIONS AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 03/01/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4

LEGEND
BUILDING FOOTPRINT
SURFACE WATER/DRAINAGE
MIP LOCATION
MIP CROSS-SECTION LOCATION

PROPERTY BOUNDARY (TYPICAL)

POND

WATER TANK

WESTERN SOURCE AREA INVESTIGATION DETAIL
SEE FIGURES 4-6 & 4-49

SOUTHERN SOURCE AREA INVESTIGATION DETAIL
SEE FIGURES 4-4, 4-5, 4-43, 4-44, 4-45 & 4-46

K
L
J
J'
K'
L'
G
I
I'
H
H'
G'

MIP-16 MIP-15

SUBDIVISION APPROXIMATE BOUNDARY-09/07
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

GRAVEL DRIVE

FENCE (TYPICAL)

Rails (Typical)

SCALE IN FEET
50 0 50 100 150
GRAPHIC SCALE - FEET

K:\1-0145-4\Cad\2010 CSR\Official Focus Area Basemap.dwg

FIGURE 4-3
FOCUSED INVESTIGATION AREA KEY
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 1/31/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

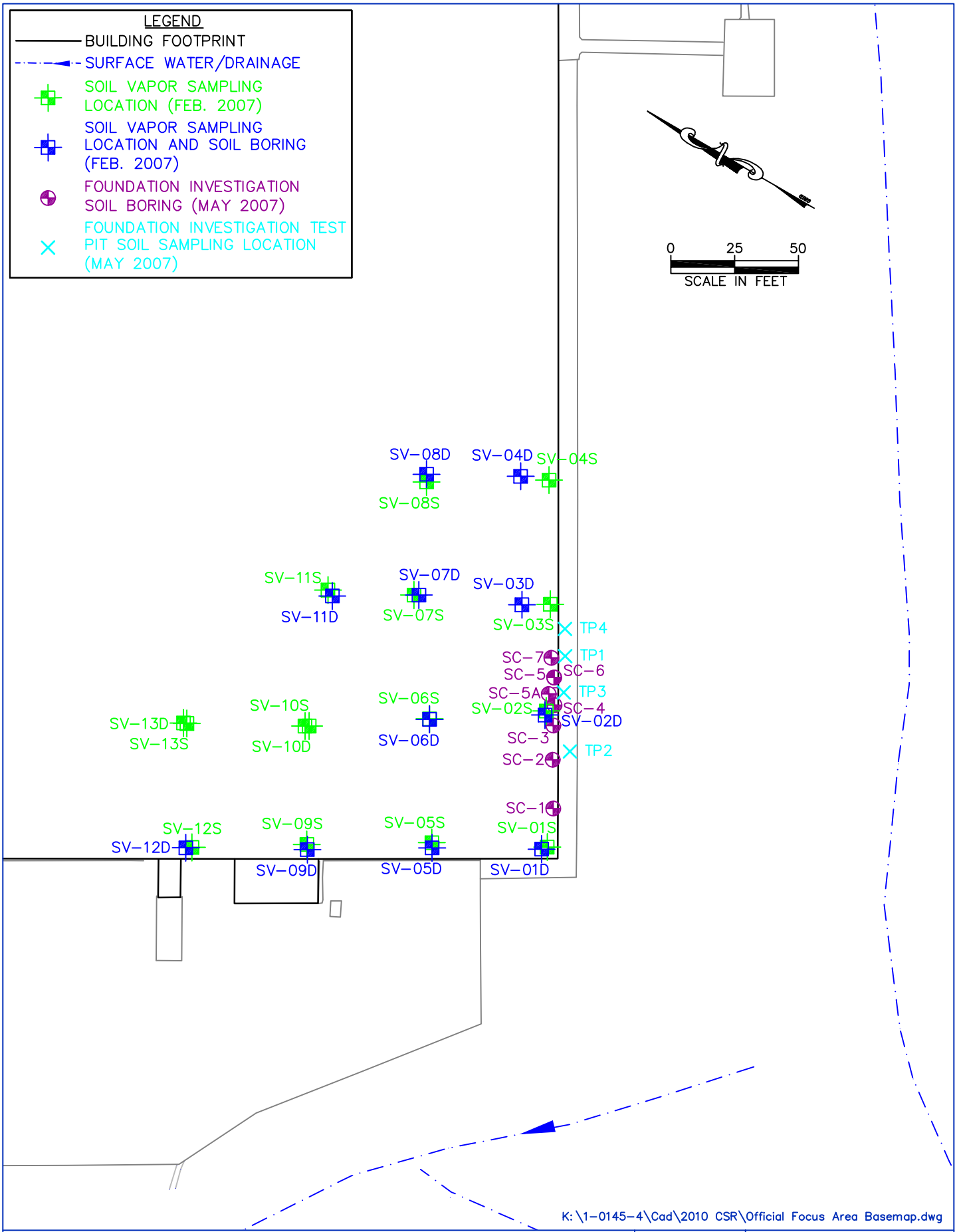

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FIGURE 4-4: SOUTHERN SOURCE AREA PRE-MIP INVESTIGATION LOCATIONS - FEBRUARY & MAY 2007
AVERY DENNISON FACILITY, FLOWERY BRANCH, GA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS	Date: 1/31/08
Reviewed by: GAK	Date: 3/3/08
Scale: As Shown	Project: 1-0145-4

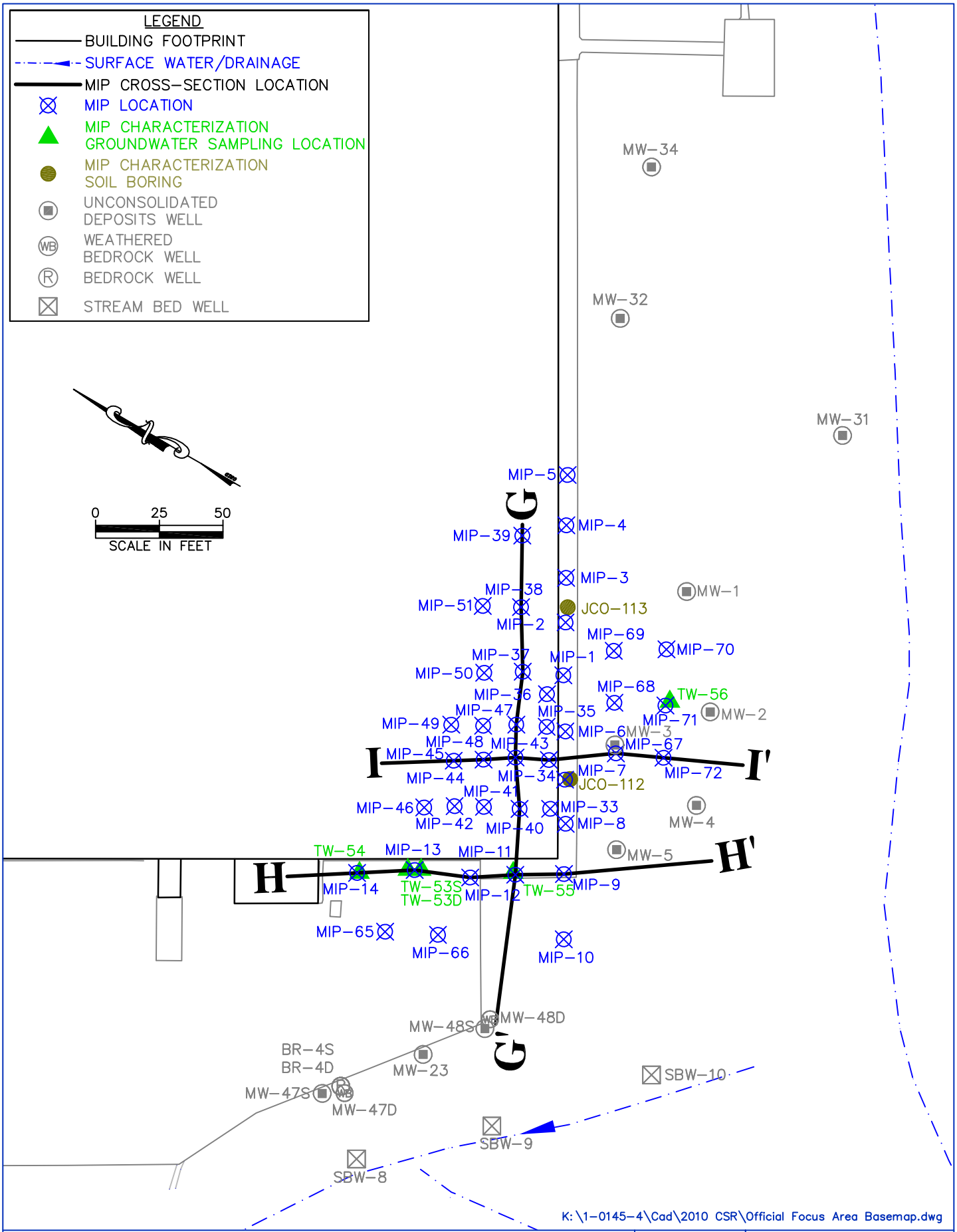

FIGURE 4-5: MIP INVESTIGATION LOCATIONS
SOUTHERN SOURCE AREA
AVERY DENNISON FACILITY, FLOWERY BRANCH, GA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 1/31/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

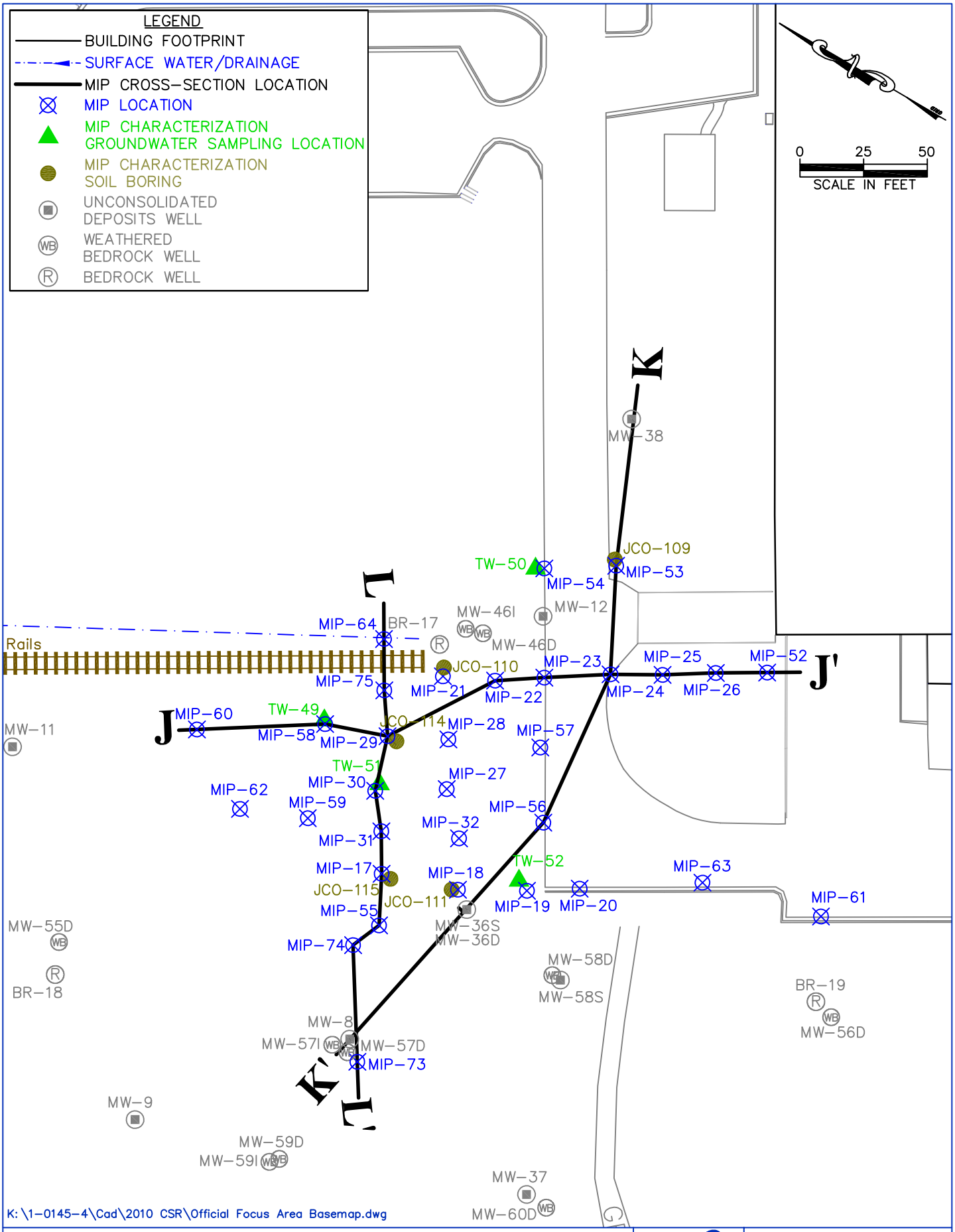

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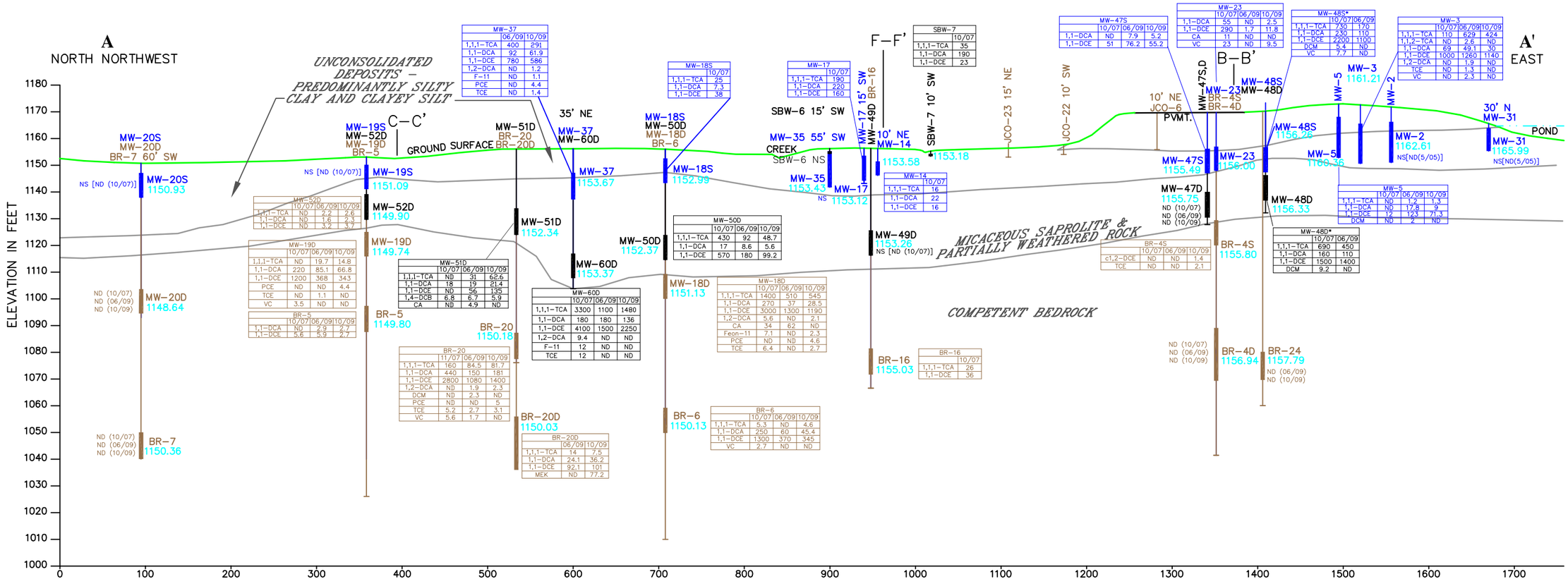
FIGURE 4-6: MIP INVESTIGATION LOCATIONS
WESTERN SOURCE AREA
AVERY DENNISON FACILITY, FLOWERY BRANCH, GA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS	Date: 1/31/08
Reviewed by: GAK	Date: 3/3/08
Scale: As Shown	Project: 1-0145-4



MW-37		
	06/09	10/09
1,1,1-TCA	400	291
1,1-DCA	92	61.9
1,1-DCE	780	586
1,2-DCA	ND	1.2
F-11	ND	1.1
PCE	ND	4.4
TCE	ND	1.4

MW-18S	
	10/07
1,1,1-TCA	25
1,1-DCA	7.3
1,1-DCE	38

MW-17	
	10/07
1,1,1-TCA	190
1,1-DCA	220
1,1-DCE	160

SBW-7	
	10/07
1,1,1-TCA	35
1,1-DCA	190
1,1-DCE	23

MW-47S			
	10/07	06/09	10/09
1,1-DCA	ND	7.9	5.2
1,1-DCE	51	76.2	55.2

MW-23			
	10/07	06/09	10/09
1,1-DCA	55	ND	2.5
1,1-DCE	290	1.7	11.8
CA	11	ND	ND
VC	23	ND	9.5

MW-48S*			
	10/07	06/09	
1,1,1-TCA	730	170	
1,1-DCA	230	110	
1,1-DCE	2200	1100	
DCM	5.4	ND	
VC	7.7	ND	

MW-3			
	10/07	06/09	10/09
1,1,1-TCA	110	629	424
1,1,2-TCA	ND	2.6	ND
1,1-DCA	69	49.1	30
1,1-DCE	1000	1260	1140
1,2-DCA	ND	1.9	ND
TCE	ND	1.3	ND
VC	ND	2.3	ND

MW-52D			
	10/07	06/09	10/09
1,1,1-TCA	ND	2.2	2.6
1,1-DCA	ND	1.6	2.3
1,1-DCE	ND	3.2	4.7

MW-19D			
	10/07	06/09	10/09
1,1,1-TCA	ND	19.7	14.8
1,1-DCA	220	85.1	66.8
1,1-DCE	1200	368	343
PCE	ND	ND	4.4
TCE	ND	1.1	ND
VC	3.5	ND	ND

BR-5			
	10/07	06/09	10/09
1,1-DCA	ND	2.9	2.7
1,1-DCE	5.6	5.9	2.7

MW-51D			
	10/07	06/09	10/09
1,1,1-TCA	ND	31	62.6
1,1-DCA	18	19	21.4
1,1-DCE	ND	56	135
1,4-DCB	6.8	6.7	5.9
CA	ND	4.9	ND

BR-20			
	11/07	06/09	10/09
1,1,1-TCA	160	84.5	81.7
1,1-DCA	440	150	181
1,1-DCE	2800	1080	1400
1,2-DCA	ND	1.9	2.3
DCM	ND	2.3	ND
PCE	ND	ND	5
TCE	5.2	2.7	3.1
VC	5.6	1.7	ND

BR-20D		
	06/09	10/09
1,1,1-TCA	14	7.5
1,1-DCA	24.1	36.2
1,1-DCE	92.1	101
MEK	ND	77.2

MW-60D			
	10/07	06/09	10/09
1,1,1-TCA	3300	1100	1480
1,1-DCA	180	180	136
1,1-DCE	4100	1500	2250
1,2-DCA	9.4	ND	ND
F-11	12	ND	ND
TCE	12	ND	ND

MW-50D			
	10/07	06/09	10/09
1,1,1-TCA	430	92	48.7
1,1-DCA	17	8.6	5.6
1,1-DCE	570	180	99.2

MW-18D			
	10/07	06/09	10/09
1,1,1-TCA	1400	510	545
1,1-DCA	270	37	28.5
1,1-DCE	3000	1300	1190
1,2-DCA	5.6	ND	2.1
CA	34	62	ND
Feon-11	7.1	ND	2.3
PCE	ND	ND	4.6
TCE	6.4	ND	2.7

BR-6			
	10/07	06/09	10/09
1,1,1-TCA	5.3	ND	4.6
1,1-DCA	250	60	45.4
1,1-DCE	1300	370	345
VC	2.7	ND	ND

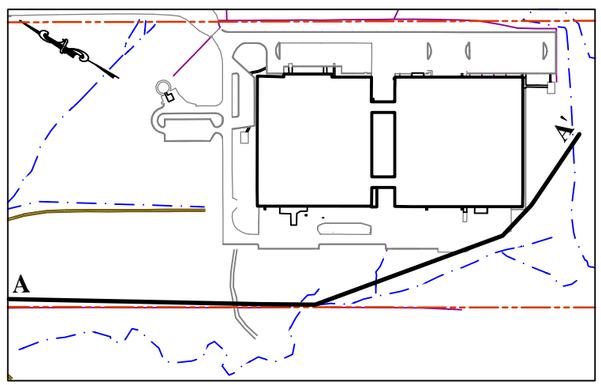
BR-16	
	10/07
1,1,1-TCA	26
1,1-DCE	36

MW-14	
	10/07
1,1,1-TCA	16
1,1-DCA	22
1,1-DCE	16

BR-4S			
	10/07	06/09	10/09
c1,2-DCE	ND	ND	1.4
TCE	ND	ND	2.1

MW-48D*		
	10/07	06/09
1,1,1-TCA	690	450
1,1-DCA	160	110
1,1-DCE	1500	1400
DCM	9.2	ND

MW-5			
	10/07	06/09	10/09
1,1,1-TCA	ND	1.2	1.3
1,1-DCA	ND	17.8	9
1,1-DCE	12	123	71.3
DCM	ND	2	ND



CROSS–SECTION LOCATION PLAN VIEW

GEOLOGIC PROFILE A - A'

SCALE: 1"=125' HOR., 1"=40' VER., V.E. = 3.125:1

A / A'

LEGEND

Sample ID BR–5
10/07 Date sampled
VOC abbr. 1,1–DCE 5.6 VOC result (ug/L)

BR–6 Sample ID
1150.13 Water Level Elevation (Feet AMSL) [October 13, 2009]
NS [ND (10/07)] Not sampled 6/09 or 10/09
No VOC detected 10/07

Unconsolidated Zone Monitoring Well Screen Location and Depth

Micaceous Saprolite/Partially Weathered Rock Zone Monitoring Well Screen Location and Depth

Competent Bedrock Zone Monitoring Well Screen Location and Depth

Soil Boring

Abbreviation Key	
1,1,1–TCA	1,1,1–Trichloroethane
1,1–DCA	1,1–Dichloroethane
1,1–DCE	1,1–Dichloroethene
1,2–DCA	1,2–Dichloroethane
1,4–DCB	1,4–Dichlorobenzene
c1,2–DCE	cis 1,2–Dichloroethene
CA	Chloroethane
DCM	Dichloromethane (Methylene Chloride)
F–11	Freon–11 (Trichlorofluoromethane)
PCE	Tetrachloroethene
TCE	Trichloroethene
VC	Vinyl Chloride
ND	Not Detected above Laboratory PQL
NS	Not Sampled Oct. 2007 – Oct. 2009

Note: BR–20D was installed in the Spring of 2009.

* Indicates wells that were not sampled in Oct. 2009 due to the presence of biotraps.

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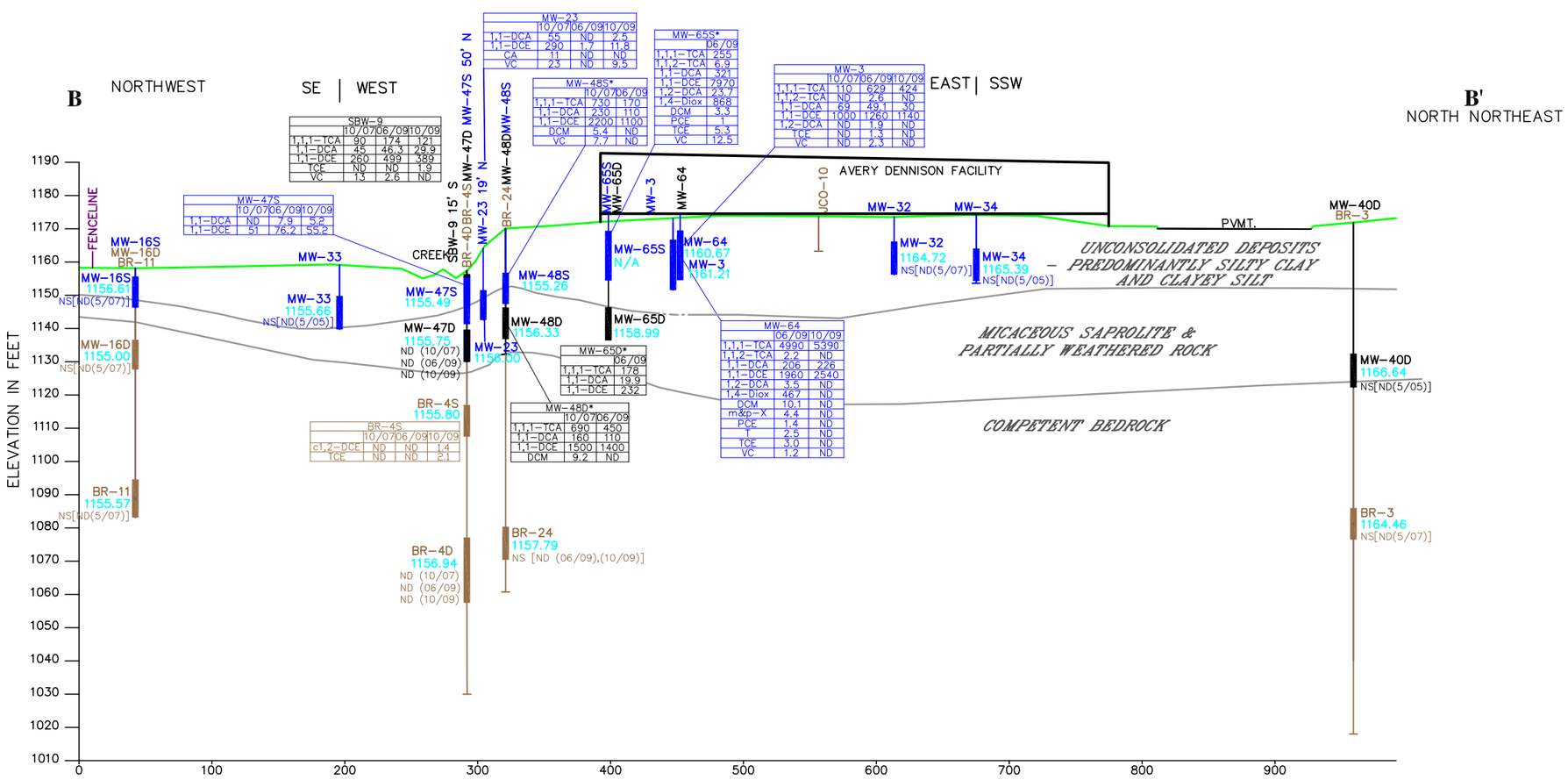
FIGURE 4-7: GEOLOGIC PROFILE A-A'
OCTOBER 2007-OCTOBER 2009 VOC DATA
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: RVJ Date: 03/02/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4



SBW-9	10/07	06/09	10/09
1,1,1-TCA	90	174	121
1,1-DCA	45	46.3	29.9
1,1-DCE	260	499	389
TCE	ND	ND	1.9
VC	1.3	2.6	ND

MW-47S	10/07	06/09	10/09
1,1-DCA	ND	7.9	5.2
1,1-DCE	51	76.2	55.2

MW-23	10/07	06/09	10/09
1,1-DCA	55	ND	7.5
1,1-DCE	290	1.7	11.8
CA	11	ND	ND
VC	23	ND	9.5

MW-48S*	10/07	06/09
1,1,1-TCA	730	170
1,1-DCA	230	110
1,1-DCE	2200	1100
DCM	5.4	ND
VC	7.7	ND

MW-65S*	06/09
1,1,1-TCA	255
1,1,2-TCA	6.9
1,1-DCA	391
1,1-DCE	7970
1,2-DCA	23.7
1,4-Diox	868
DCM	3.3
PCE	1
TCE	5.3
VC	12.5

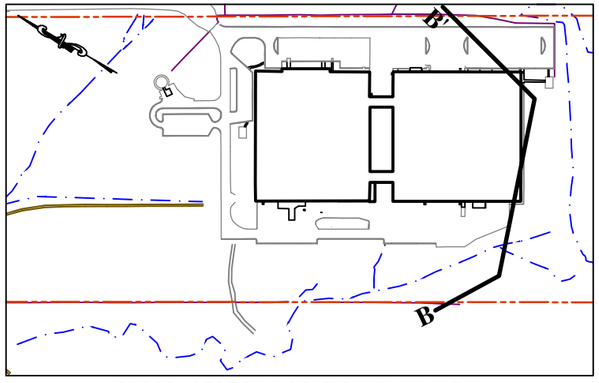
MW-3	10/07	06/09	10/09
1,1,1-TCA	110	629	424
1,1,2-TCA	ND	2.6	ND
1,1-DCA	69	49.1	30
1,1-DCE	1000	1260	1140
1,2-DCA	ND	1.9	ND
TCE	ND	1.3	ND
VC	ND	2.3	ND

BR-4S	10/07	06/09	10/09
c1,2-DCE	ND	ND	1.4
TCE	ND	ND	2.1

MW-48D*	10/07	06/09
1,1,1-TCA	690	450
1,1-DCA	160	110
1,1-DCE	1500	1400
DCM	9.2	ND

MW-65D*	06/09
1,1,1-TCA	178
1,1-DCA	19.9
1,1-DCE	232

MW-64	06/09	10/09
1,1,1-TCA	4990	5390
1,1,2-TCA	2.2	ND
1,1-DCA	206	226
1,1-DCE	1960	2540
1,2-DCA	3.5	ND
1,4-Diox	467	ND
DCM	10.1	ND
m&p-X	4.4	ND
PCE	1.4	ND
T	2.5	ND
TCE	3.0	ND
VC	1.2	ND



CROSS–SECTION LOCATION PLAN VIEW

LEGEND

Sample ID: MW–48D
10/07 Date sampled
VOC abbr. 1,1,1–TCA 690 VOC result (ug/L)

BR–4D
1156.94
NS [ND (10/07)]
Sample ID
Water Level Elevation (Feet AMSL) [October 13, 2009]
Not sampled 6/09 or 10/09
No VOC detected 10/07

Unconsolidated Zone Monitoring Well Screen Location and Depth

Micaceous Saprolite/Partially Weathered Rock Zone Monitoring Well Screen Location and Depth

Competent Bedrock Zone Monitoring Well Screen Location and Depth

Soil Boring

Abbreviation Key	
1,1,1–TCA	1,1,1–Trichloroethane
1,1,2–TCA	1,1,2–Trichloroethane
1,1–DCA	1,1–Dichloroethane
1,1–DCE	1,1–Dichloroethene
1,2–DCA	1,2–Dichloroethane
1,4–Diox	1,4–Dioxane
m&p–X	m and p Xylenes
PCE	Tetrachloroethene
TCE	Trichloroethene
CA	Chloroethane
DCM	Dichloromethane (Methylene Chloride)
VC	Vinyl Chloride
T	Toluene
ND	Not Detected above Laboratory PQL
NS	Not Sampled Oct. 2007 – Oct. 2009

Note: BR–24,MW–64,MW–65S and MW–65D were installed in Spring of 2009.

* Indicates wells that were not sampled in Oct. 2009 due to the presence of biotraps.

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GEOLOGIC PROFILE B - B'

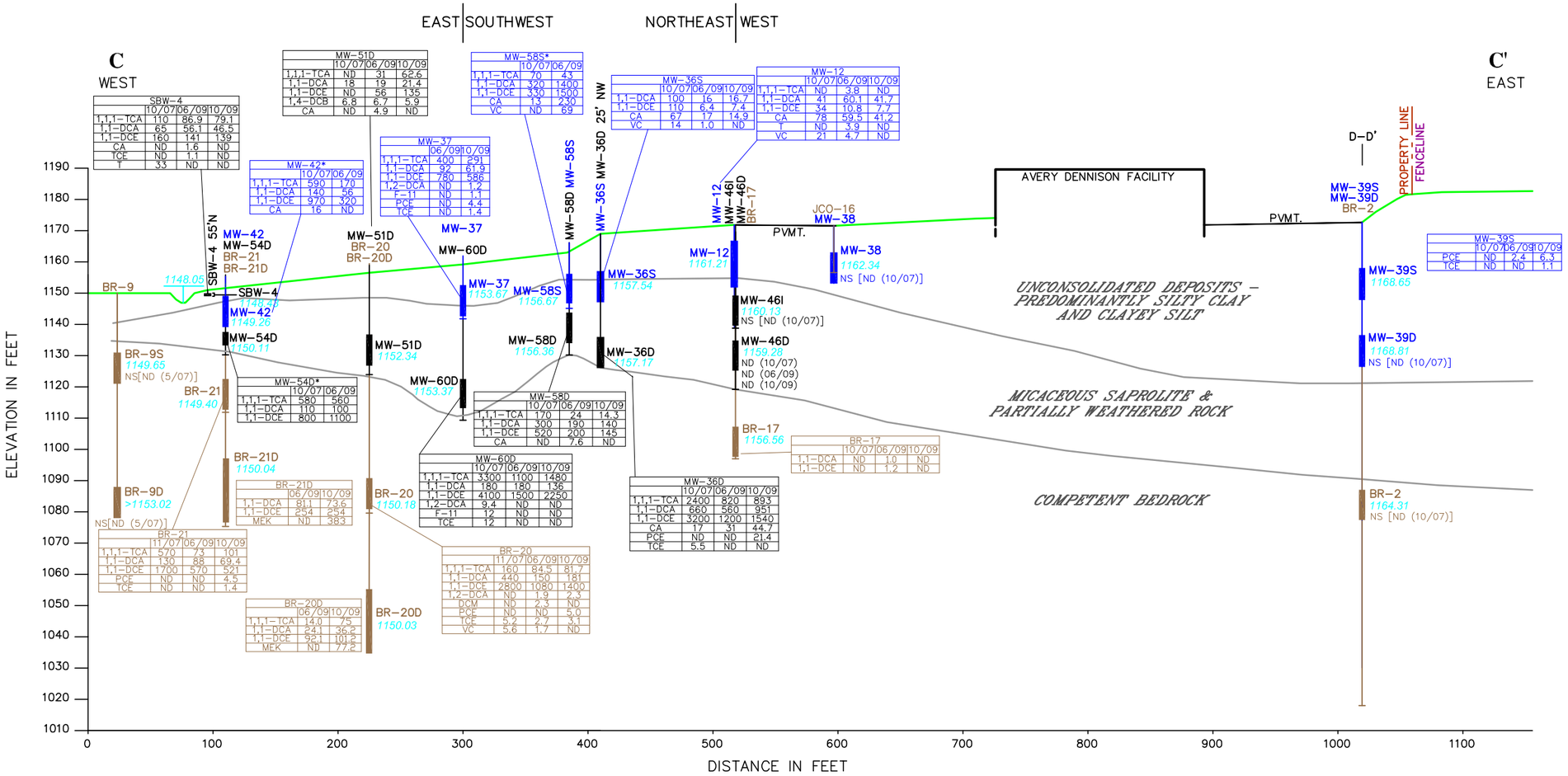
SCALE: 1"=100' HOR., 1"=40' VER., V.E. = 2.5:1

B B'

FIGURE 4-8: GEOLOGIC PROFILE B-B'
OCTOBER 2007-OCTOBER 2009 VOC DATA
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: RVJ Date: 03/02/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4



SBW-4	10/07	06/09	10/09
1,1,1-TCA	110	86.9	79.1
1,1-DCA	65	56.1	46.5
1,1-DCE	160	141	139
CA	ND	1.6	ND
TCE	ND	1.1	ND
T	33	ND	ND

MW-51D	10/07	06/09	10/09
1,1,1-TCA	ND	31	62.6
1,1-DCA	18	19	21.4
1,1-DCE	ND	56	135
1,4-DCB	6.8	6.7	5.9
CA	ND	4.9	ND

MW-58S*	10/07	06/09
1,1,1-TCA	70	43
1,1-DCA	320	1400
1,1-DCE	330	1500
CA	13	230
VC	ND	69

MW-36S	10/07	06/09	10/09
1,1-DCA	100	16	16.7
1,1-DCE	110	6.4	7.4
CA	67	17	14.9
VC	14	1.0	ND

MW-12	10/07	06/09	10/09
1,1,1-TCA	ND	3.8	ND
1,1-DCA	41	60.1	41.7
1,1-DCE	34	10.8	7.7
CA	78	59.5	41.2
T	ND	3.9	ND
VC	21	4.7	ND

MW-42*	10/07	06/09
1,1,1-TCA	590	170
1,1-DCA	140	56
1,1-DCE	970	320
CA	16	ND

MW-37	06/09	10/09
1,1,1-TCA	400	291
1,1-DCA	92	61.9
1,1-DCE	780	586
1,2-DCA	ND	1.2
F-11	ND	1.1
PCE	ND	4.4
TCE	ND	1.4

MW-54D*	10/07	06/09
1,1,1-TCA	580	560
1,1-DCA	110	100
1,1-DCE	800	1100

MW-58D	10/07	06/09	10/09
1,1,1-TCA	170	24	14.3
1,1-DCA	300	190	140
1,1-DCE	520	200	145
CA	ND	7.6	ND

MW-60D	10/07	06/09	10/09
1,1,1-TCA	3300	1100	1480
1,1-DCA	180	180	136
1,1-DCE	4100	1500	2250
1,2-DCA	9.4	ND	ND
F-11	12	ND	ND
TCE	12	ND	ND

MW-36D	10/07	06/09	10/09
1,1,1-TCA	2400	820	893
1,1-DCA	660	560	951
1,1-DCE	3200	1200	1540
CA	17	31	44.7
PCE	ND	ND	21.4
TCE	5.5	ND	ND

BR-17	10/07	06/09	10/09
1,1-DCA	ND	1.0	ND
1,1-DCE	ND	1.2	ND

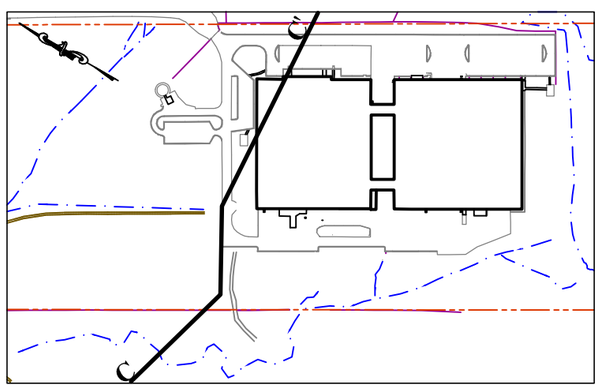
BR-21D	06/09	10/09
1,1-DCA	81.1	73.6
1,1-DCE	254	254
MEK	ND	383

BR-21	11/07	06/09	10/09
1,1,1-TCA	570	73	101
1,1-DCA	150	88	69.4
1,1-DCE	1700	570	521
PCE	ND	ND	4.5
TCE	ND	ND	1.4

BR-20D	06/09	10/09
1,1,1-TCA	14.0	75
1,1-DCA	24.1	36.2
1,1-DCE	92.1	101.2
MEK	ND	77.2

BR-20	11/07	06/09	10/09
1,1,1-TCA	160	84.5	81.7
1,1-DCA	440	150	181
1,1-DCE	2800	1080	1400
1,2-DCA	ND	1.9	2.3
DCM	ND	2.3	ND
PCE	ND	ND	5.0
TCE	5.2	2.7	3.1
VC	5.6	1.7	ND

MW-39S	10/07	06/09	10/09
PCE	ND	2.4	6.3
TCE	ND	ND	1.1



CROSS-SECTION LOCATION PLAN VIEW

LEGEND

Sample ID: MW-48D
10/07 Date sampled
VOC abbr. 1,1,1-TCA 690 VOC result (ug/L)

BR-20 Sample ID
1156.94 *Water Level Elevation (Feet AMSL) [October 13, 2009]*
NS [ND (10/07)] Not sampled 6/09 or 10/09
No VOC detected 10/07

Unconsolidated Deposits Zone Monitoring Well Screen Location and Depth

Micaceous Saprolite/Partially Weathered Rock Zone Monitoring Well Screen Location and Depth

Competent Bedrock Zone Monitoring Well Screen Location and Depth

Soil Boring

Abbreviation Key	
1,1,1-TCA	1,1,1-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCA	1,2-Dichloroethane
1,4-DCB	1,4-Dichlorobenzene
CA	Chloroethane
F-11	Freon-11 (Trichlorofluoromethane)
T	Toluene
PCE	Tetrachloroethene
TCE	Trichloroethene
VC	Vinyl Chloride
ND	Not Detected above Laboratory PQL
NS	Not Sampled Oct. 2007 - Oct. 2009

* Indicates wells that were not sampled in Oct. 2009 due to the presence of biotraps.

GEOLOGIC PROFILE C-C'

SCALE: 1"=100' HOR., 1"=40' VER., V.E. = 2.5:1

C
C'

FIGURE 4-9: GEOLOGIC PROFILE C-C'
OCTOBER 2007-OCTOBER 2009 VOC DATA
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: RVJ Date: 03/02/10
Reviewed by: CMT Date: 03/02/10
Scale: As Shown Project: 1-0145-4

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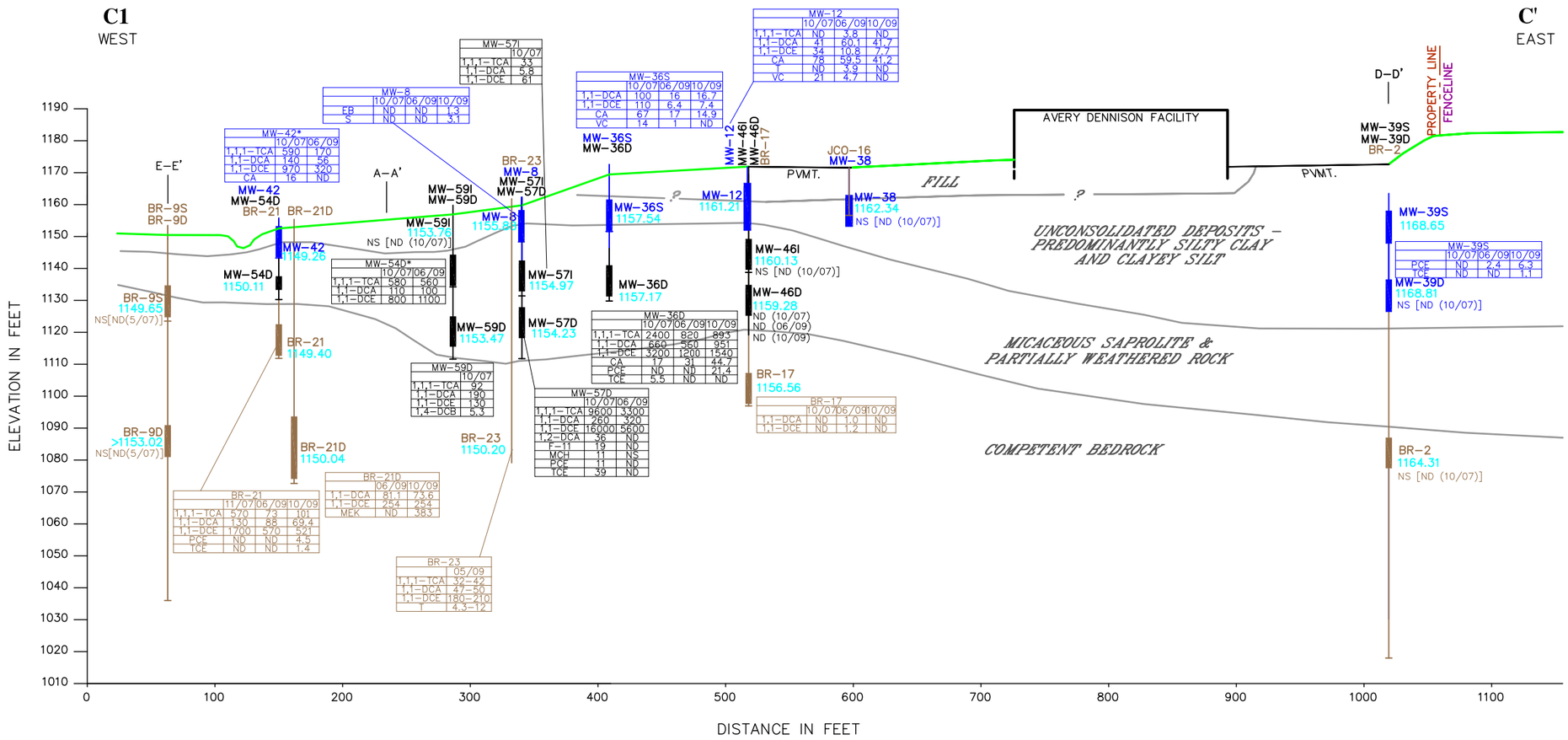

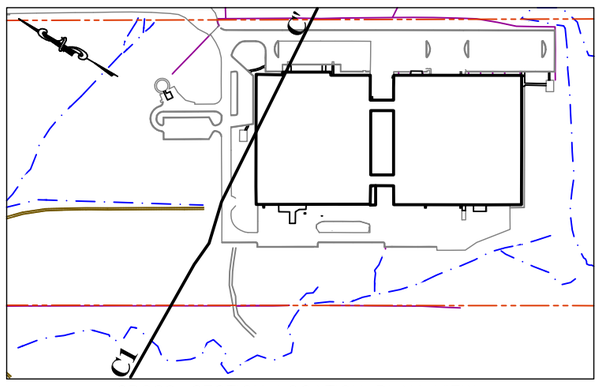

CROSS–SECTION LOCATION PLAN VIEW

LEGEND

Sample ID: MW–57D
10/07 Date sampled
VOC abbr. 1,1,1–TCA 9600 VOC result (ug/L)

BR–4D
1156.94
NS [ND (10/07)]
Sample ID
Water Level Elevation (Feet AMSL) [October 13, 2009]
Not sampled 6/09 or 10/09
No VOC detected 10/07

Unconsolidated Zone Monitoring Well Screen Location and Depth

Micaceous Saprolite/Partially Weathered Rock Zone Monitoring Well Screen Location and Depth

Competent Bedrock Zone Monitoring Well Screen Location and Depth

Soil Boring

Abbreviation Key	
1,1,1–TCA	1,1,1–Trichloroethane
1,1–DCA	1,1–Dichloroethane
1,1–DCE	1,1–Dichloroethene
1,2–DCA	1,2–Dichloroethane
1,4–DCB	1,4–Dichlorobenzene
CA	Chloroethane
F–11	Freon–11 (Trichlorofluoromethane)
MCH	Methylcyclohexane
PCE	Tetrachloroethene
T	Toluene
TCE	Trichloroethene
MEK	2–Butanone (Methyl Ethyl Ketone)
EB	Ethylbenzene
VC	Vinyl Chloride
S	Styrene
ND	Not Detected above Laboratory PQL
NS	Not Sampled Oct. 2007 – Oct. 2009

Note: BR–21D installed in the Spring of 2009.

GEOLOGIC PROFILE C1-C'

SCALE: 1"=~100' HOR., 1"=~40' VER., V.E. = 2.5:1

C1 C'

FIGURE 4-10: GEOLOGIC PROFILE C1-C' OCTOBER 2007-OCTOBER 2009 VOC DATA AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: RVJ Date: 03/02/10
Reviewed by: CMT Date: 03/02/10
Scale: As Shown Project: 1-0145-4

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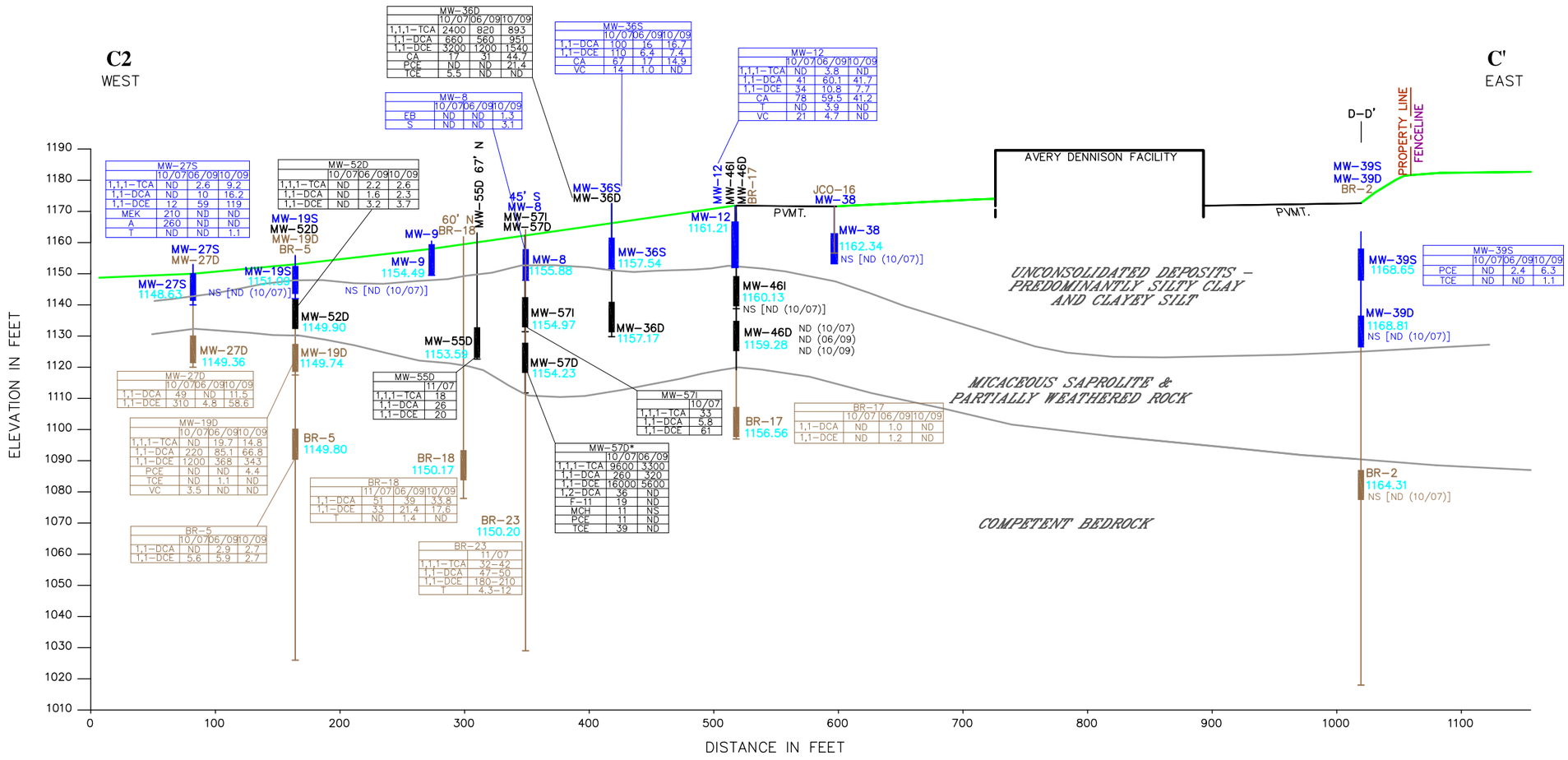


MW-27S	10/07	06/09	10/09
1,1,1-TCA	ND	2.6	9.2
1,1-DCA	ND	10	16.2
1,1-DCE	12	59	119
MEK	210	ND	ND
A	260	ND	ND
T	ND	ND	1.1

MW-52D	10/07	06/09	10/09
1,1,1-TCA	ND	2.2	2.6
1,1-DCA	ND	1.6	2.3
1,1-DCE	ND	3.2	3.7

MW-36D	10/07	06/09	10/09
1,1,1-TCA	2400	820	893
1,1-DCA	660	560	951
1,1-DCE	3200	1200	1540
CA	17	31	44.7
PCE	ND	ND	21.4
TCE	5.5	ND	ND

MW-8	10/07	06/09	10/09
EB	ND	ND	1.3
S	ND	ND	3.1

MW-36S	10/07	06/09	10/09
1,1-DCA	100	16	16.7
1,1-DCE	110	6.4	7.4
CA	67	17	14.9
VC	14	1.0	ND

MW-12	10/07	06/09	10/09
1,1,1-TCA	ND	3.8	ND
1,1-DCA	41	60.1	41.7
1,1-DCE	34	10.8	7.7
CA	78	59.5	41.2
T	ND	3.9	ND
VC	21	4.7	ND

MW-39S	10/07	06/09	10/09
PCE	ND	2.4	6.3
TCE	ND	ND	1.1

MW-27D	10/07	06/09	10/09
1,1-DCA	49	ND	11.5
1,1-DCE	310	4.8	58.6

MW-19D	10/07	06/09	10/09
1,1,1-TCA	ND	19.7	14.8
1,1-DCA	220	85.1	66.8
1,1-DCE	1200	368	343
PCE	ND	ND	4.4
TCE	ND	1.1	ND
VC	3.5	ND	ND

BR-5	10/07	06/09	10/09
1,1-DCA	ND	2.9	2.7
1,1-DCE	5.6	5.9	2.7

MW-55D	11/07
1,1,1-TCA	18
1,1-DCA	26
1,1-DCE	20

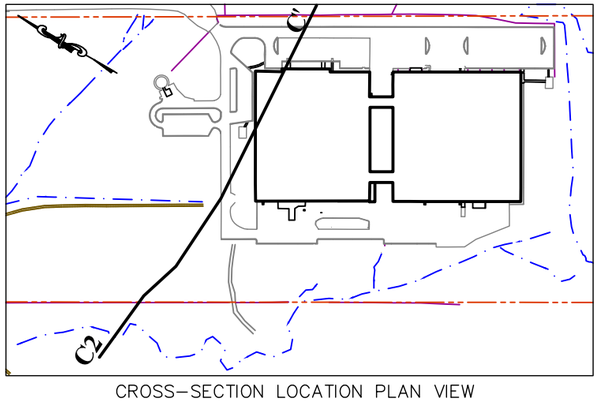
MW-57I	10/07
1,1,1-TCA	33
1,1-DCA	5.8
1,1-DCE	61

BR-17	10/07	06/09	10/09
1,1-DCA	ND	1.0	ND
1,1-DCE	ND	1.2	ND

MW-57D*	10/07	06/09
1,1,1-TCA	9600	3300
1,1-DCA	260	320
1,1-DCE	16000	5600
1,2-DCA	36	ND
F-11	19	ND
MCH	11	NS
PCE	11	ND
TCE	39	ND

BR-18	11/07	06/09	10/09
1,1-DCA	51	39	33.8
1,1-DCE	33	21.4	17.6
T	ND	1.4	ND

BR-23	11/07
1,1,1-TCA	32-42
1,1-DCA	47-50
1,1-DCE	180-210
T	4.3-12



CROSS–SECTION LOCATION PLAN VIEW

LEGEND

Sample ID: MW–57D
10/07 Date sampled
VOC abbr. 1,1,1–TCA 9600 VOC result (ug/L)

BR–4D
1156.94
NS [ND (10/07)]
Sample ID
Water Level Elevation (Feet AMSL) [October 13, 2009]
Not sampled 6/09 or 10/09
No VOC detected 10/07

Unconsolidated Zone Monitoring Well Screen Location and Depth

Micaceous Saprolite/Partially Weathered Rock Zone Monitoring Well Screen Location and Depth

Competent Bedrock Zone Monitoring Well Screen Location and Depth

Soil Boring

Abbreviation Key	
1,1,1–TCA	1,1,1–Trichloroethane
1,1–DCA	1,1–Dichloroethane
1,1–DCE	1,1–Dichloroethene
1,2–DCA	1,2–Dichloroethane
MEK	2–Butanone (Methyl Ethyl Ketone)
A	Acetone
CA	Chloroethane
F–11	Freon–11 (Trichlorofluoromethane)
MCH	Methylcyclohexane
PCE	Tetrachloroethene
TCE	Trichloroethene
VC	Vinyl Chloride
T	Toluene
EB	Ethylbenzene
S	Styrene
ND	Not Detected above Laboratory PQL
NS	Not Sampled Oct. 2007 – Oct. 2009

* Indicates wells that were not sampled in Oct. 2009 due to the presence of biotraps.

GEOLOGIC PROFILE C2-C'

C2 / C'

SCALE: 1"=~100' HOR., 1"=~40' VER., V.E. = 2.5:1

FIGURE 4-11: GEOLOGIC PROFILE C2-C' OCTOBER 2007-OCTOBER 2009 VOC DATA AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: RVJ Date: 03/02/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4

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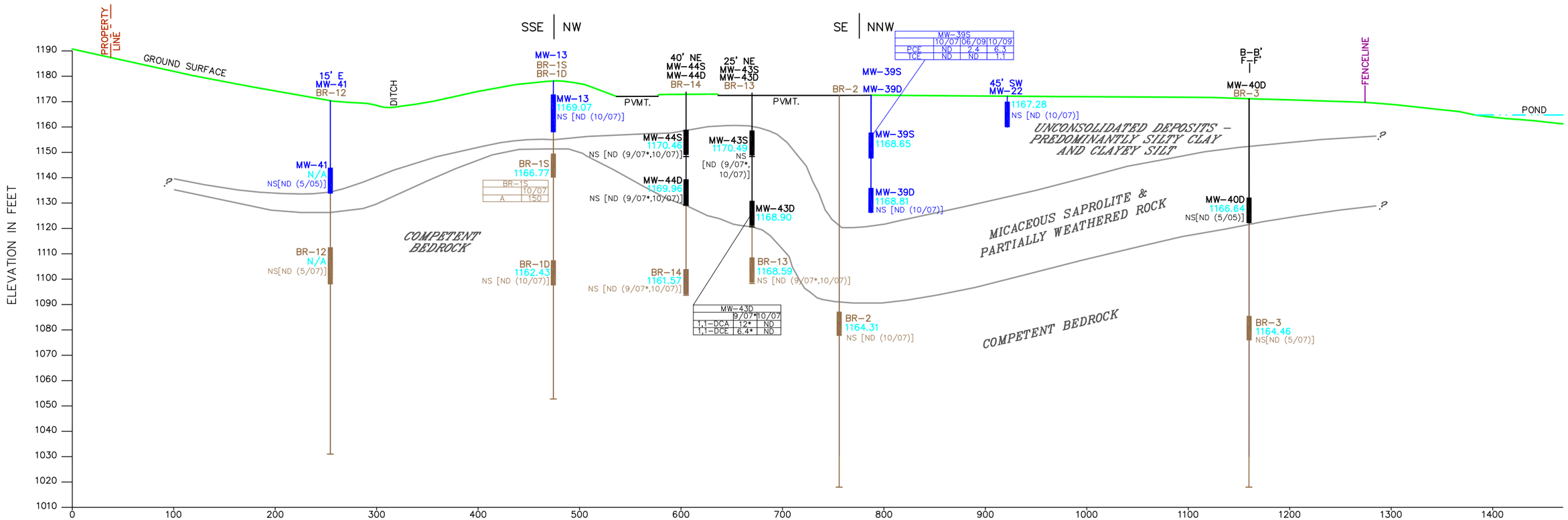
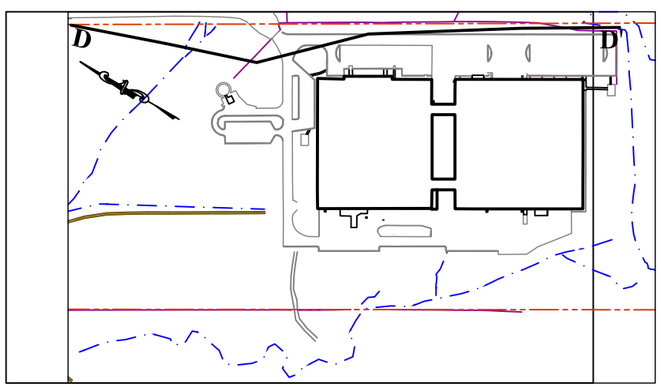
D NORTH NORTHWEST — **D'** SOUTH SOUTHEAST





CROSS-SECTION LOCATION PLAN VIEW

LEGEND

Sample ID: BR-1S
VOC abbr.: A 10/07 150 — 10/07 = Date sampled; 150 = VOC result (ug/L)

BR-1D
1162.43
NS [ND (10/07)]
Sample ID
Water Level Elevation (Feet AMSL) [October 13, 2009]
Not Sampled 6/09 or 10/09
No VOC detected 10/07

Monitoring Well-Unconsolidated Deposits Zone Well Screen Location and Depth

Monitoring Well-Micaceous Saprolite/Partially Weathered Rock Zone Well Screen Location and Depth

Monitoring Well-Competent Bedrock Zone Well Screen Location and Depth

Soil Boring

Abbreviation Key	
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
A	Acetone
PCE	Tetrachloroethene
TCE	Trichloroethene
ND	Not Detected above Laboratory PQL
NS	Not Sampled Oct. 2007 - Oct. 2009

*Samples indicated with an asterisk were collected several days after purging using a peristaltic pump for reconnaissance purposes to plan additional well installation.

GEOLOGIC PROFILE D - D'

SCALE: 1"=100' HOR., 1"=40' VER., V.E. = 2.5:1

D D'

FIGURE 4-12: GEOLOGIC PROFILE D-D'
OCTOBER 2007-OCTOBER 2009 VOC DATA
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: RVJ Date: 03/02/10
Reviewed by: CMT Date: 03/02/10
Scale: As Shown Project: 1-0145-4

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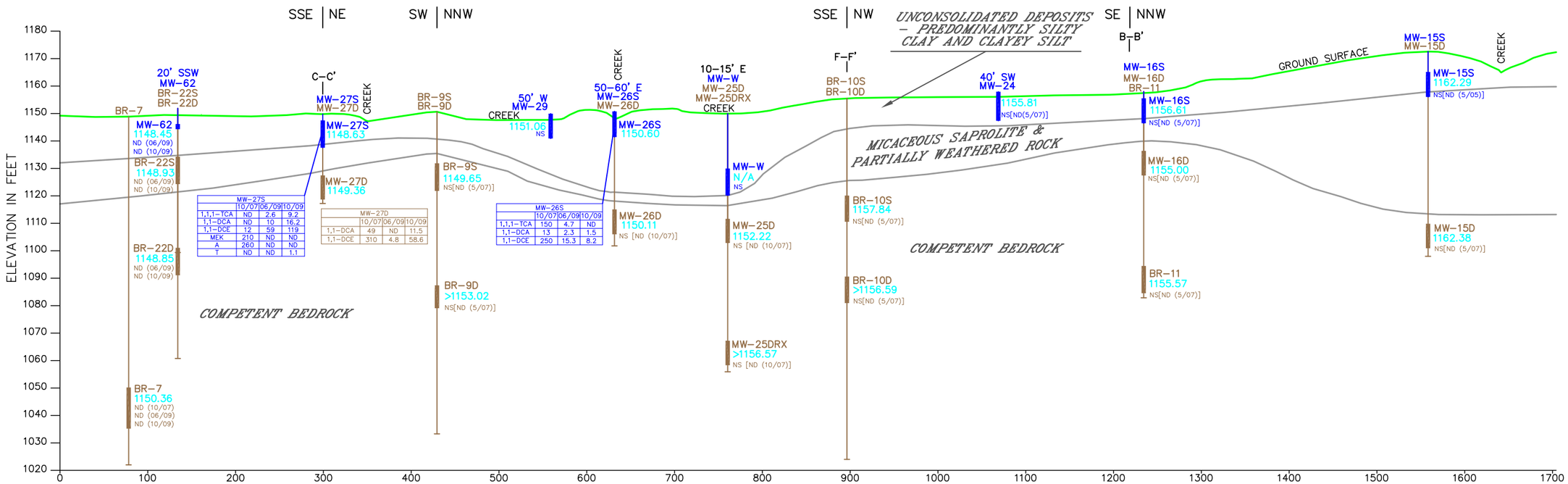
E
NORTH NORTHWEST

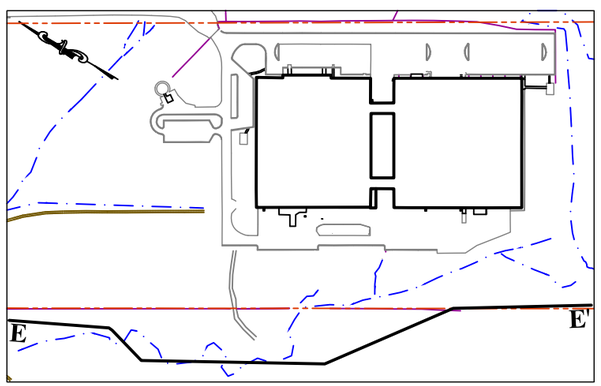
E'
SOUTH SOUTHEAST



GEOLOGIC PROFILE E - E'

SCALE: 1"=125' HOR., 1"=40' VER., V.E. = 3.125:1

E
E'



CROSS-SECTION LOCATION PLAN VIEW

LEGEND

Sample ID | MW-27D
10/07 — Date sampled
VOC abbr. | 1,1-DCA | 49 — VOC result (ug/L)

MW-25DRX
>1156.67
NS [ND (10/07)] — Sample ID
Water Level Elevation (Feet AMSL) [October 13, 2009]
Not Sampled 6/09 or 10/09
No VOC detected 10/07

Monitoring Well-Unconsolidated Deposits Zone Screen Location and Depth

Monitoring Well-Competent Bedrock Zone Screen Location and Depth

Soil Boring

Abbreviation Key	
1,1,1-TCA	1,1,1-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
MEK	2-Butanone (Methyl Ethyl Ketone)
A	Acetone
T	Toluene
ND	Not Detected above Laboratory PQL
NS	Not Sampled Oct. 2007 – Oct. 2009

Note: MW-62, BR-22S and BR-22D were installed in the Spring of 2009.

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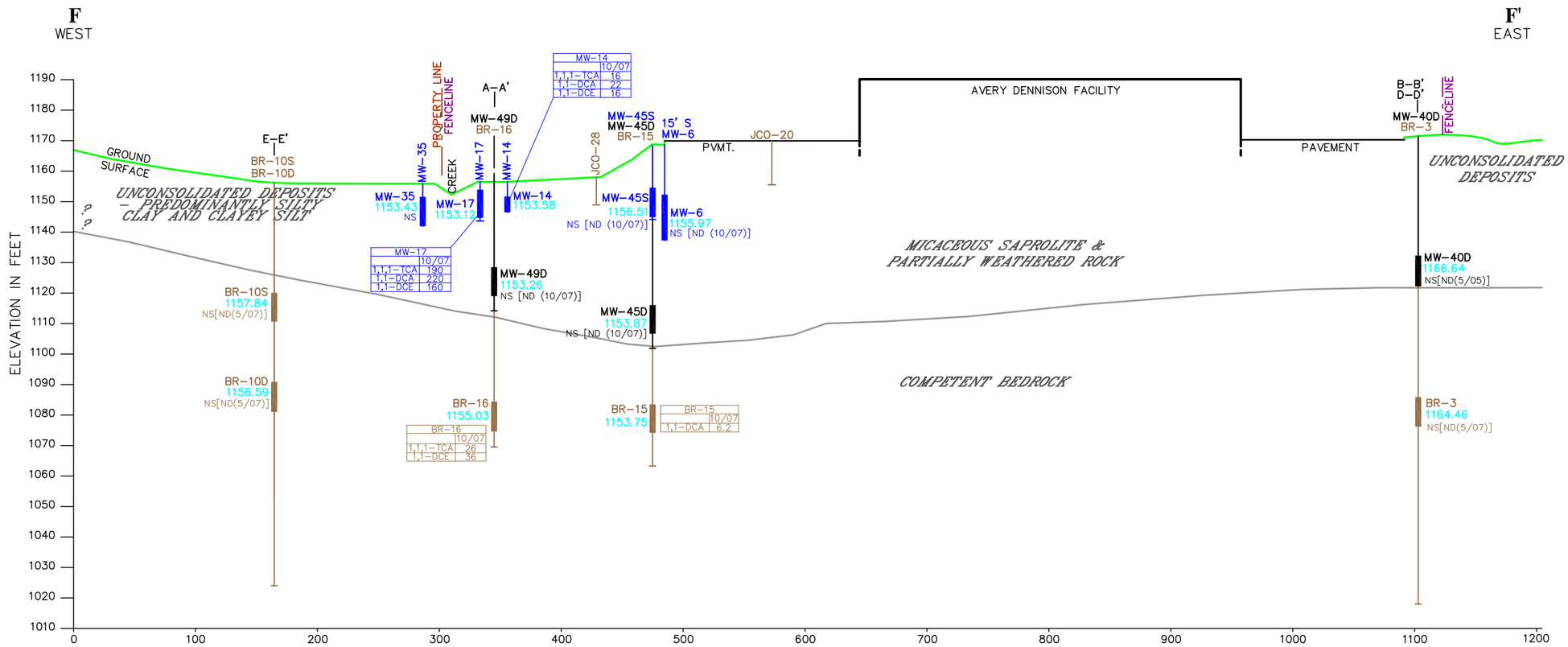
FIGURE 4-13: GEOLOGIC PROFILE E-E'
OCTOBER 2007-OCTOBER 2009 VOC DATA
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

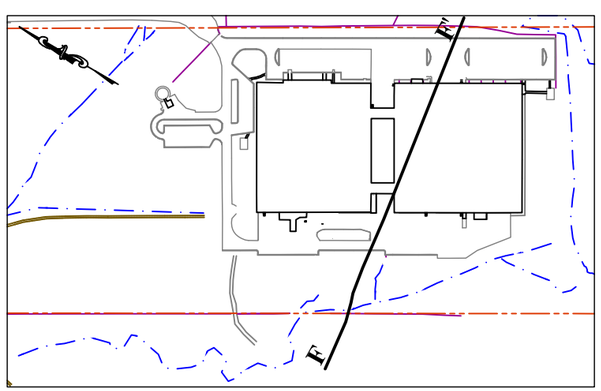
Drawn by: RVJ Date: 03/02/10
Reviewed by: CMT Date: 03/02/10
Scale: As Shown Project: 1-0145-4



GEOLOGIC PROFILE F - F'

SCALE: 1"=100' HOR., 1"=40' VER., V.E. = 2.5:1

F / F'



CROSS–SECTION LOCATION PLAN VIEW

LEGEND

Sample ID: BR–16
VOC abbr.: 1,1,1–TCA 10/07 = 26 (Date sampled; VOC result (ug/L))

BR–3 / 1164.46 / NS — Sample ID; Water Level Elevation (Feet AMSL) [October 13, 2009]; Not Sampled 6/09 or 10/09; No VOC detected 10/07

Monitoring Well–Unconsolidated Deposits Zone Screen Location and Depth

Monitoring Well–Micaceous Saprolite/Partially Weathered Rock Zone Screen Location and Depth

Monitoring Well–Competent Bedrock Zone Screen Location and Depth

Soil Boring

Abbreviation Key	
1,1,1–TCA	1,1,1–Trichloroethane
1,1–DCA	1,1–Dichloroethane
1,1–DCE	1,1–Dichloroethene
ND	Not Detected above Laboratory PQL
NS	Not Sampled Oct. 2007 – Oct. 2009

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FIGURE 4-14: GEOLOGIC PROFILE F-F'
OCTOBER 2007-OCTOBER 2009 VOC DATA
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: RVJ Date: 03/02/10
Reviewed by: CMT Date: 03/02/10
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

WATER TANK

POND

MW-39S 1165.61
MW-22 1165.15
MW-13 1163.84
MW-34 1162.71
MW-32 1161.98
MW-31 1162.54
MW-1 1161.29
MW-2 1160.84
MW-3 1159.91
MW-4 1159.89
MW-5 1159.11
MW-30 1159.27
MW-38 1158.32
MW-21 1149.63
MW-12 1157.53
MW-11 1152.37
MW-23 1155.09
MW-36S 1153.88
MW-7 1155.25
MW-10 1148.13
MW-9 1151.06
MW-8 1151.74
MW-14 1152.17
MW-33 1154.03
MW-20S 1147.06
MW-19S 1148.59
MW-37 1150.24
MW-18S 1150.03
MW-17 1151.93
MW-16S 1153.64
MW-15S 1160.72
MW-27S 1147.84
MW-42 1147.93
MW-35 1151.75
MW-26S 1149.09
MW-28 1146.83
MW-29 1148.70

1164
1162
1160
1158
1156

N/F
WRIGLEY

LEGEND

MW-19S 1148.59 — UNCONSOLIDATED DEPOSITS WELL AND WATER ELEVATION (FT. AMSL)

GROUNDWATER ELEVATION (2-ft intervals, dashed where inferred)

GROUND ELEVATION (10-ft Major Intervals)

GROUND ELEVATION (2-ft Minor Intervals)

DIRECTION OF SURFACE WATER FLOW

SCALE IN FEET

100 0 100 200 300

GRAPHIC SCALE – FEET

FIGURE 4-15: WATER TABLE POTENTIOMETRIC MAP - JUNE 2006 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/18/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

WATER TANK

POND

MW-39S 1164.58
MW-22 1163.94
MW-13 1162.77
MW-34 1163.14
MW-32 1162.48
MW-31 1163.27
MW-1 1161.68
MW-2 1161.19
MW-3 1160.10
MW-4 1160.14
MW-5 1159.27
MW-23 1155.08
SBW-10 1155.59
SBW-9 1154.86
SBW-8 1154.43
MW-33 1154.25
MW-15S 1160.50
MW-16S 1153.82
MW-7 1154.32
MW-14 1152.29
SBW-7 1152.20
MW-17 1152.11
MW-35 1152.10
SBW-6 1151.64
MW-18S 1150.22
MW-37 1150.39
MW-36S 1153.34
MW-8 1151.52
MW-9 1150.78
MW-19S 1148.58
MW-20S 1147.36
MW-10 1148.28
MW-11 1151.78
MW-21 1149.52
MW-12 1156.67
MW-38 1157.77
MW-30 1157.45
SBW-1 1146.73
MW-28 1147.01
SBW-2 1146.85
MW-27S 1147.74
SBW-3 1147.55
SBW-4 1147.56
MW-42 1148.06
SBW-5 1148.51
MW-26S 1149.16
MW-29 1148.57

1148 1150 1152 1154 1156 1158 1160 1162 1164

N/F
WRIGLEY

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

LEGEND

- MW-19S 1148.58 — UNCONSOLIDATED DEPOSITS WELL AND WATER ELEVATION (FT. AMSL)
- SBW-2 1146.85 — STREAM GAUGE AND SURFACE WATER ELEVATION (FT. AMSL)
- GROUNDWATER ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW

FIGURE 4-16: WATER TABLE POTENTIOMETRIC MAP - OCTOBER 2006 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/18/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

WATER TANK

POND

MW-39S 1167.25
MW-13 1166.63
MW-22 1166.26
MW-34 1164.31
MW-32 1163.77
MW-31 1164.53
MW-1 1162.86
MW-2 1162.30
MW-3 1161.19
MW-4 1161.27
MW-5 1160.30
MW-30 1159.79
MW-38 1159.30
MW-21 1151.78
MW-12 1158.72
MW-11 1153.44
MW-10 1150.60
MW-36S 1155.33
MW-7 1155.83
MW-23 1155.55
SBW-9 1154.97
SBW-8 1154.47
SBW-10 1155.70
MW-9 1152.80
MW-8 1153.37
MW-14 1152.90
SBW-7 1152.25
MW-17 1152.59
MW-33 1154.88
MW-15S 1161.57
MW-20S 1148.58
MW-19S 1149.24
MW-37 1151.99
MW-18S 1151.31
MW-16S 1154.66
MW-35 1153.03
SBW-2 1147.59
MW-27S 1148.26
SBW-4 1147.71
SBW-3 1147.70
MW-42 1148.44
MW-26S 1149.38
SBW-1 1146.58
MW-28 1148.31
SBW-5 1148.61
MW-29 1149.75

1166
1164
1162
1160
1158
1156
1154
1152
1150
1148

N/F
WRIGLEY

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

LEGEND

- MW-19S 1149.24 — UNCONSOLIDATED DEPOSITS WELL AND WATER ELEVATION (FT. AMSL)
- SBW-2 1147.59 — STREAM GAUGE AND SURFACE WATER ELEVATION (FT. AMSL)
- GROUNDWATER ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW

FIGURE 4-17: WATER TABLE POTENTIOMETRIC MAP - FEBRUARY 2007 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/18/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

RAILS

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

MW-39S 1166.06
MW-22 1165.56
MW-13 1164.57
MW-34 1164.16
MW-32 1163.48
MW-31 1164.28
MW-1 1162.62
MW-3 1160.90
MW-2 1162.07
MW-5 1159.97
MW-4 1160.94
MW-30 1159.07
MW-38 1158.66
MW-21 1149.84
MW-12 1157.87
MW-11 1152.52
MW-36S 1154.26
MW-7 1155.02
MW-23 1155.31
SBW-10 1155.60
SBW-9 1154.89
SBW-8 1154.43
MW-10 1148.38
MW-8 1152.41
MW-9 1152.87
MW-14 1152.45
SBW-7 1152.20
MW-17 1152.20
MW-33 1154.36
MW-15S 1161.68
MW-20S 1147.52
MW-19S 1148.70
MW-37 1150.76
MW-18S 1150.34
MW-16S 1154.06
SBW-2 1146.96
MW-27S 1147.94
SBW-4 1147.60
MW-42 1148.09
MW-26S 1149.17
MW-35 1152.15
SBW-3 1147.68
SBW-1 1146.96
MW-28 1147.18
SBW-5 1148.52
MW-29 1148.90
MW-24 (APPROX.) 1154.31

N/F
WRIGLEY

LEGEND

- MW-19S 1148.70 — UNCONSOLIDATED DEPOSITS WELL AND WATER ELEVATION (FT. AMSL)
- SBW-2 1146.96 — STREAM GAUGE AND SURFACE WATER ELEVATION (FT. AMSL)
- GROUNDWATER ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW

SCALE IN FEET

100 0 100 200 300

GRAPHIC SCALE – FEET

FIGURE 4-18: WATER TABLE POTENTIOMETRIC MAP - MAY 2007 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/18/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

WATER TANK

POND

MW-39S 1162.48
MW-22 1162.28
MW-13 1159.38
MW-34 1162.64
MW-32 1162.01
MW-31 1162.92
MW-30 1156.04
MW-1 1161.27
MW-38 1157.74
MW-3 1159.71
MW-2 1160.79
MW-5 1158.94
MW-4 1159.80
MW-12 1155.12
MW-11 1151.67
MW-23 1154.92
MW-48S 1155.39
SBW-10 1155.53
MW-36S 1152.93
MW-45S 1153.21
MW-7 1153.34
MW-6 1153.01
MW-47S 1154.46
SBW-9 1154.83
SBW-8 1154.44
MW-8 1152.11*
MW-58S 1152.31
MW-9 1152.28*
MW-14 1151.93
SBW-7 1152.19
MW-33 1153.98
MW-37 1150.97
MW-19S 1148.71
MW-17 1151.73
MW-16S 1153.17
MW-20S 1146.95
MW-18S 1150.30
MW-15S 1159.10
SBW-2 1146.87
MW-27S 1147.80
SBW-4 1147.59
MW-42 1148.12
MW-26S 1149.15
MW-35 1151.43
SBW-3 1147.60
SBW-5 1148.51
MW-24 (APPROX.) 1152.12
SBW-1 1146.86
MW-28 1146.85
MW-29 1148.15

1162
1160
1158
1156
1154
1152
1150

N/F
WRIGLEY

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

LEGEND

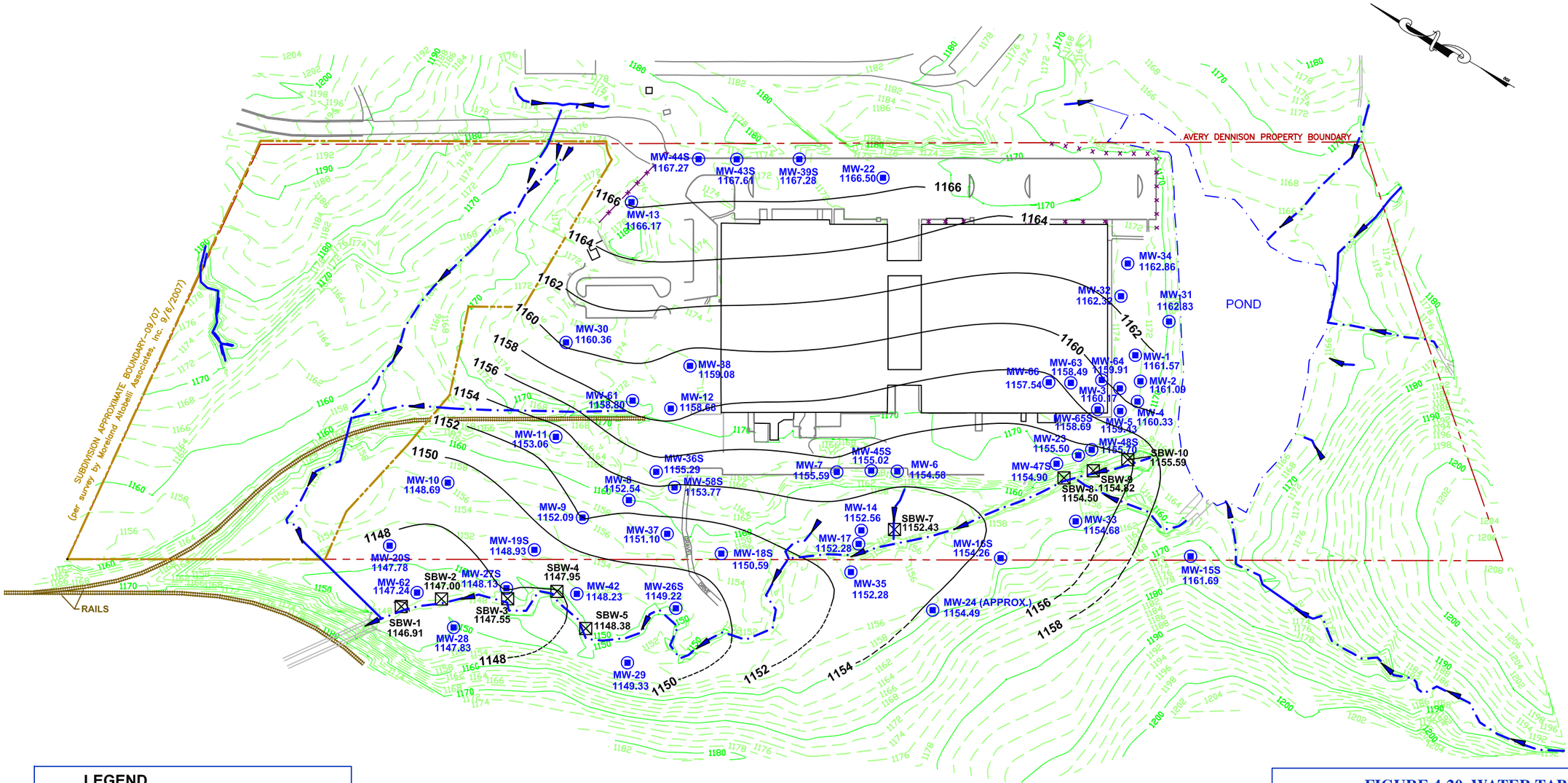
- MW-19S 1148.71 — UNCONSOLIDATED DEPOSITS WELL AND WATER ELEVATION (FT. AMSL)
- SBW-2 1146.70 — STREAM GAUGE AND SURFACE WATER ELEVATION (FT. AMSL)
- GROUNDWATER ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW

Note: Open fire supression line from testing fire system led to hydraulic mounding in the vicinity of the septic tank, shown by results from wells MW-8 and MW-9 (marked with an asterisks).

FIGURE 4-19: WATER TABLE POTENTIOMETRIC MAP - OCTOBER 2007 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/11/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4



LEGEND

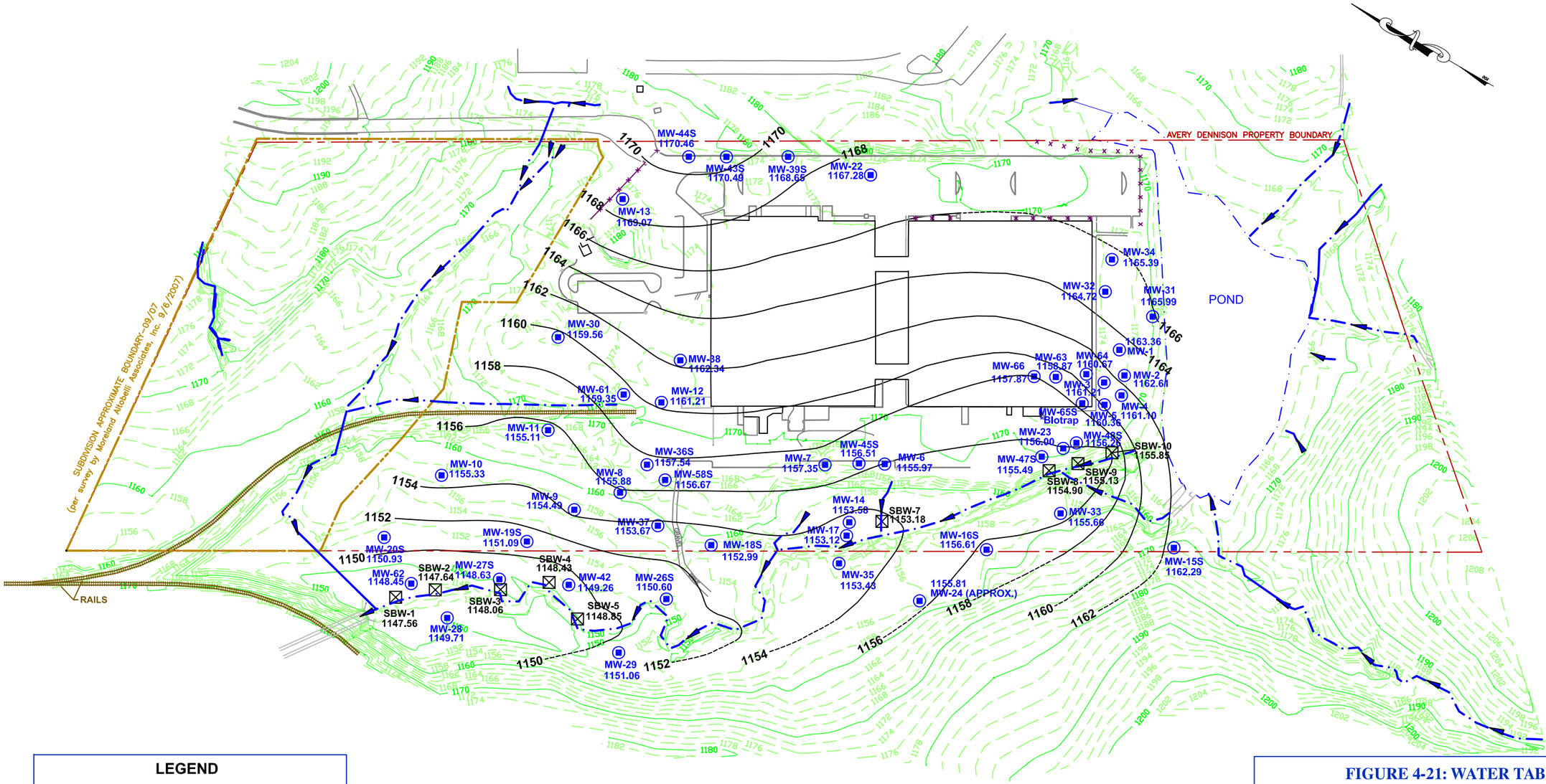
- MW-19S 1148.71 — UNCONSOLIDATED DEPOSITS WELL AND WATER ELEVATION (FT. AMSL)
- SBW-2 1146.70 — STREAM GAUGE AND SURFACE WATER ELEVATION (FT. AMSL)
- GROUNDWATER ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW

0 50 100 200
SCALE IN FEET

FIGURE 4-20: WATER TABLE POTENTIOMETRIC MAP - JUNE 2009 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/19/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4



LEGEND

- MW-19S 1148.71 — UNCONSOLIDATED DEPOSITS WELL AND WATER ELEVATION (FT. AMSL)
- SBW-2 1146.70 — STREAM GAUGE AND SURFACE WATER ELEVATION (FT. AMSL)
- GROUNDWATER ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW

Notes:
*Biotrap - Biotrap installed in well, water level below biotrap.

0 50 100 200
SCALE IN FEET

FIGURE 4-21: WATER TABLE POTENTIOMETRIC MAP - OCTOBER 2009 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/19/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

INTERSTATE HWY 985
SR 365

AVERY DENNISON PROPERTY BOUNDARY

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

WATER TANK

POND

MW-44D
1161.56 WB
N/A

MW-43D
1161.73 WB
N/A

MW-40D
1162.46 WB
N/A

MW-46D
1154.87 WB
N/A

MW-36D
1152.74 WB
N/A

MW-58D
1152.23 WB
N/A

MW-45D
1152.67 WB
N/A

MW-47D
1154.54 WB

MW-48D
1155.44 WB
N/A

MW-57D
1151.12 WB
N/A

MW-56D
1152.20 WB
N/A

MW-59D
1151.65 WB
N/A

MW-60D
1150.84 WB
N/A

MW-49D
1151.76 WB
N/A

MW-52D
1148.48 WB

MW-51D
1149.98 WB
N/A*

MW-50D
1150.30 WB

N/F
WRIGLEY

LEGEND

- MW-52D 1148.48 (WB) — WEATHERED BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

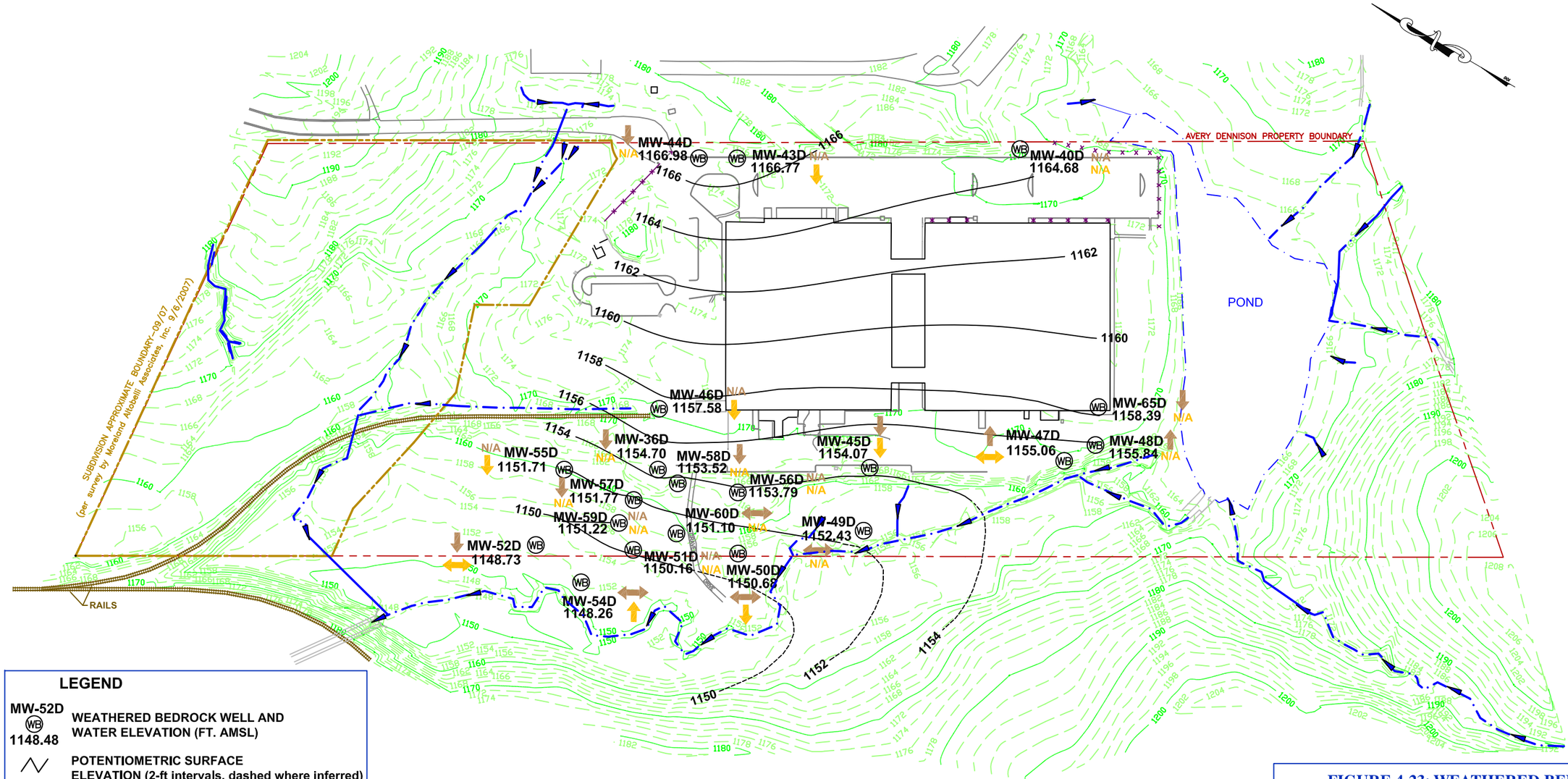
Notes:
N/A - No unconsolidated deposits well at this location for comparison.
N/A - No shallow bedrock well at this location for comparison.
N/A*- Bedrock well BR-20 was installed after October 2008 water elevation data was collected.

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

FIGURE 4-22: WEATHERED BEDROCK POTENTIOMETRIC MAP - OCTOBER 2007
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/12/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4



LEGEND

- MW-52D (WB) 1148.48 — WEATHERED BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

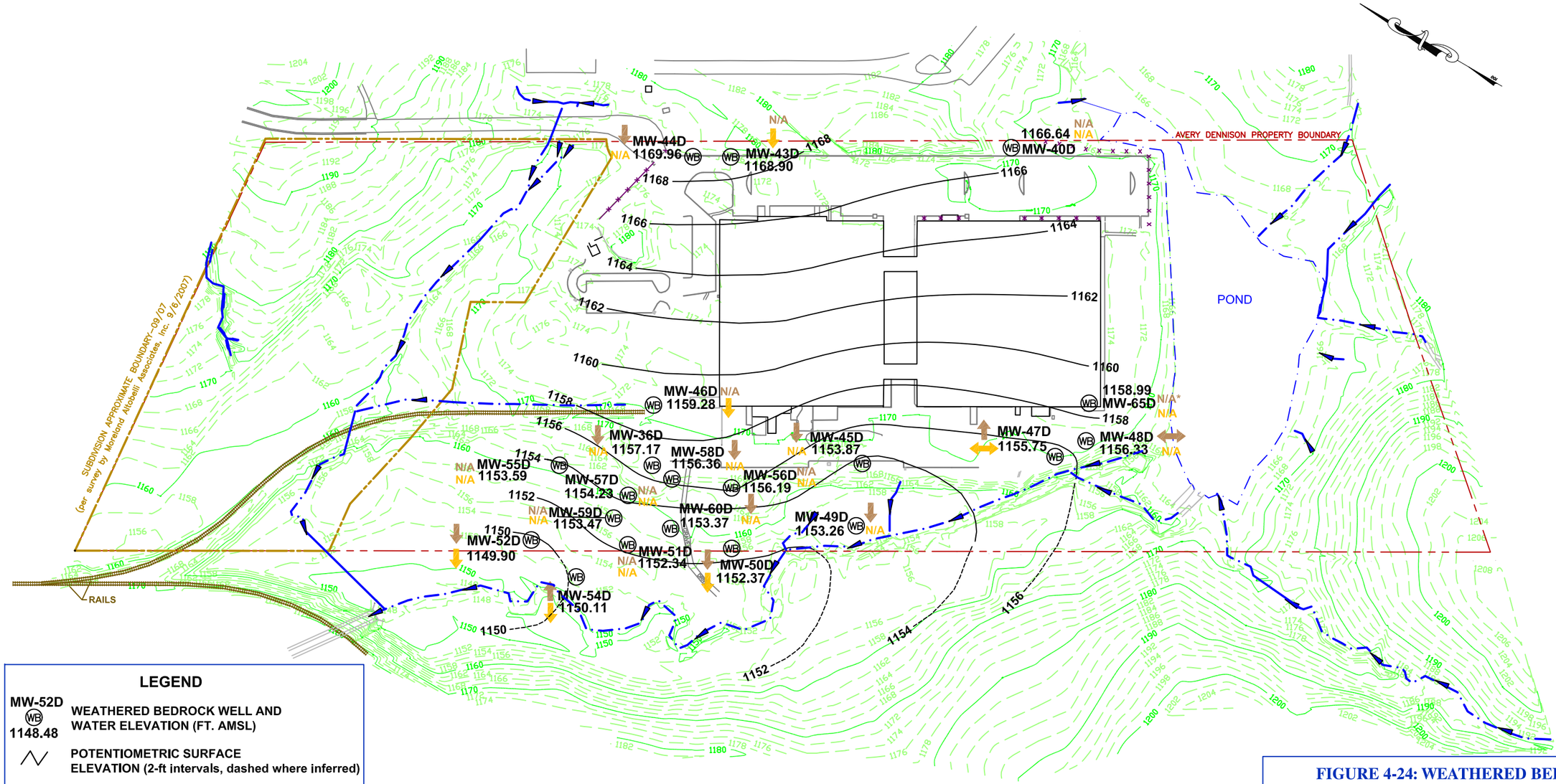
Notes:
N/A - No unconsolidated deposits well at this location for comparison.
N/A - No shallow bedrock well at this location for comparison.

0 50 100 200
SCALE IN FEET

FIGURE 4-23: WEATHERED BEDROCK POTENTIOMETRIC MAP - JUNE 2009 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/19/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4



LEGEND

- MW-52D (WB) 1148.48 — WEATHERED BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

Notes:
N/A - No unconsolidated deposits well at this location for comparison.
N/A - No shallow bedrock well at this location for comparison.
N/A* - Unable to calculate vertical gradient to/from Unconsolidated Deposits due to placement of Biotrap in MW-65S.

0 50 100 200
SCALE IN FEET

FIGURE 4-24: WEATHERED BEDROCK POTENTIOMETRIC MAP - OCTOBER 2009
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 02/19/10
Reviewed by: CMT	Date: 03/01/10
Scale: As Shown	Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

BR-1S
1164.25

MW-19D
1148.26

MW-20D
1146.71

MW-27D
1147.95 N/A

BR-8S
1146.85

BR-9S N/A
1148.19

MW-26D
1149.11 N/A

MW-18D
1149.47

MW-25D
1152.14

BR-10S N/A
1156.93

BR-4S N/A
1154.86

MW-16D
1152.75

MW-15D
1161.37 N/A

N/F
WRIGLEY

LEGEND

- MW-19D / 1148.26 — SHALLOW BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM DEEP BEDROCK

SCALE IN FEET

100 0 100 200 300

GRAPHIC SCALE – FEET

Notes:
N/A - No unconsolidated deposits well at this location for comparison.
N/A - No deep bedrock well at this location for comparison.

FIGURE 4-25: SHALLOW BEDROCK POTENTIOMETRIC MAP - JUNE 2006
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/21/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

BR-1S
1162.57

MW-19D
1148.22

MW-20D
1146.91

MW-27D
1147.72 N/A

BR-8S
1147.05

BR-9S N/A
1147.79

MW-26D
1149.14 N/A

MW-18D
1149.62

MW-25D
1151.76

BR-10S N/A
1156.59 N/A*

BR-4S N/A
1154.80

MW-16D
1152.90

MW-15D
1160.45 N/A

N/F
WRIGLEY

LEGEND

- MW-19D 1148.22 — SHALLOW BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM DEEP BEDROCK

Notes:
N/A - No unconsolidated deposits well at this location for comparison.
N/A - No deep bedrock well at this location for comparison.
N/A* - Deep bedrock well BR-10 had not yet recovered hydraulically from prior sampling at the time of measurement.

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

FIGURE 4-26: SHALLOW BEDROCK POTENTIOMETRIC MAP - OCTOBER 2006
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/22/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

BR-1S
1166.56

MW-20D
1148.00

MW-19D
1148.71

MW-18D
1150.21

MW-27D
1148.37 N/A

MW-26D
1149.39 N/A

MW-25D
1152.57

MW-16D
1153.93

MW-15D
1162.07 N/A

BR-4S N/A
1155.25

BR-8S
1148.35

BR-9S N/A
1148.66

BR-10S N/A
1157.59 N/A

N/F
WRIGLEY

LEGEND

- MW-19D ® 1148.71 — SHALLOW BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM DEEP BEDROCK

Notes:
N/A - No unconsolidated deposits well at this location for comparison.
N/A - No deep bedrock well at this location for comparison.
N/A* - Deep bedrock well BR-10 had not yet recovered hydraulically from prior sampling at the time of measurement.

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

FIGURE 4-27: SHALLOW BEDROCK POTENTIOMETRIC MAP - FEBRUARY 2007 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/22/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

BR-1S
1165.08

MW-19D
1148.53

MW-20D
1147.15

MW-27D
1148.03
N/A

MW-26D
1149.19
N/A

MW-18D
1149.72

MW-16D
1153.31

BR-4S
1155.00
N/A

MW-15D
1161.88
N/A

BR-8S
1147.22

BR-9S
1148.21
N/A

MW-25D
1152.28

BR-10S
1157.20
N/A*

N/F
WRIGLEY

LEGEND

- MW-19D ® 1148.53 — SHALLOW BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM DEEP BEDROCK

Notes:
N/A - No unconsolidated deposits well at this location for comparison.
N/A - No deep bedrock well at this location for comparison.
N/A* - Deep bedrock well BR-10 had not yet recovered hydraulically from prior sampling at the time of measurement.

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

FIGURE 4-28: SHALLOW BEDROCK POTENTIOMETRIC MAP - MAY 2007 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/22/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

RAILS

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

BR-13
1161.58 N/A

BR-1S
1159.71

BR-17
N/A 1152.31

BR-4S
1154.58

MW-20D
1146.72

MW-19D
1148.38

MW-18D
1149.62

MW-15D
1158.95 N/A

MW-27D
1147.70 N/A

MW-26D
1149.12 N/A

MW-16D
1151.71

BR-8S
1146.81

BR-9S
N/A 1147.60

MW-28D
1150.49

BR-10S
N/A 1154.34

N/F
WRIGLEY

LEGEND

- MW-19D / R / 1148.38 — SHALLOW BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM WEATHERED BEDROCK AND/OR UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM DEEP BEDROCK

SCALE IN FEET

100 0 100 200 300

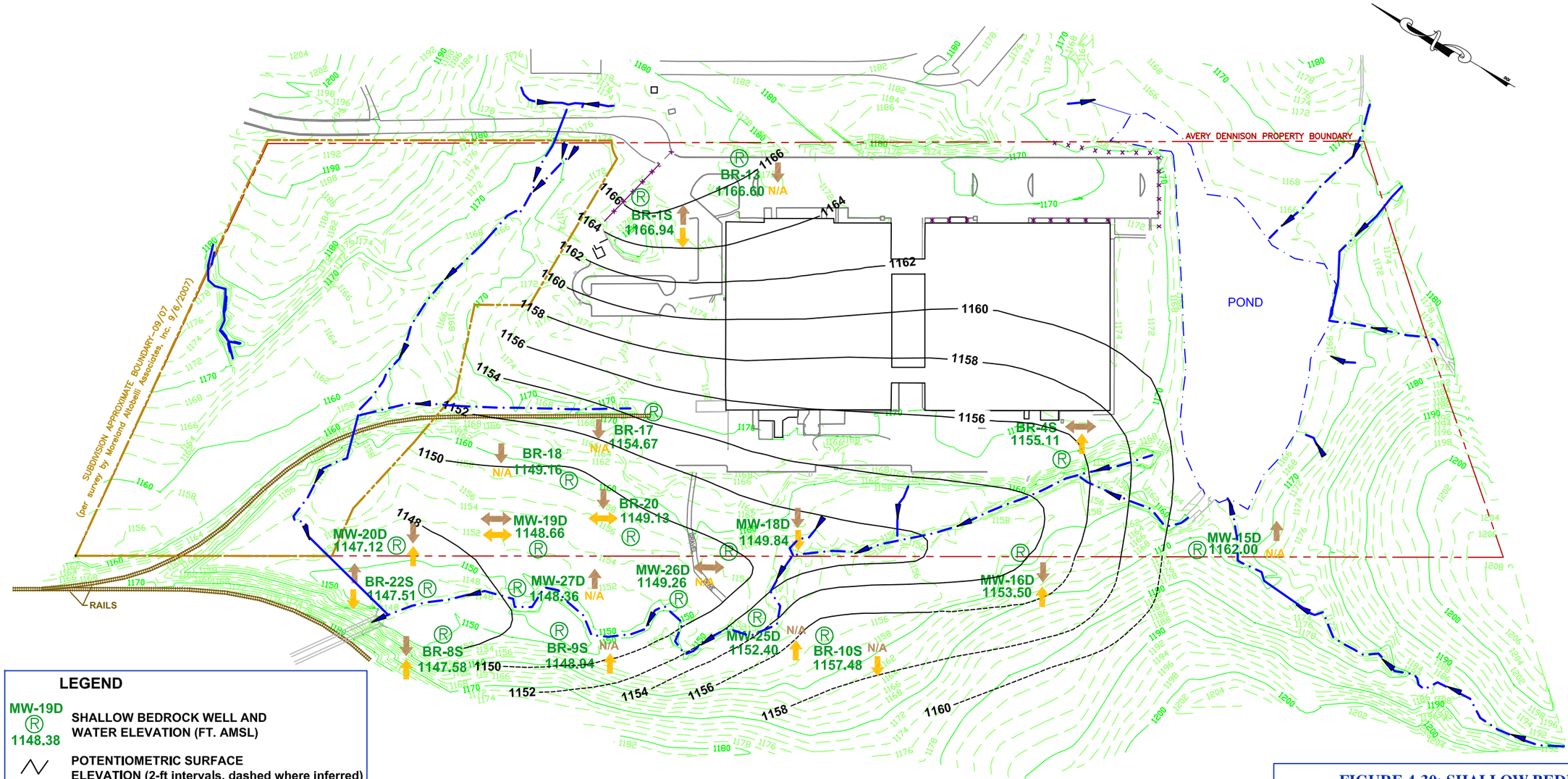
GRAPHIC SCALE – FEET

Notes:
N/A - No unconsolidated deposits or weathered bedrock well at this location for comparison.
N/A - No deep bedrock well at this location for comparison.

FIGURE 4-29: SHALLOW BEDROCK POTENTIOMETRIC MAP - OCTOBER 2007 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/22/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4



LEGEND

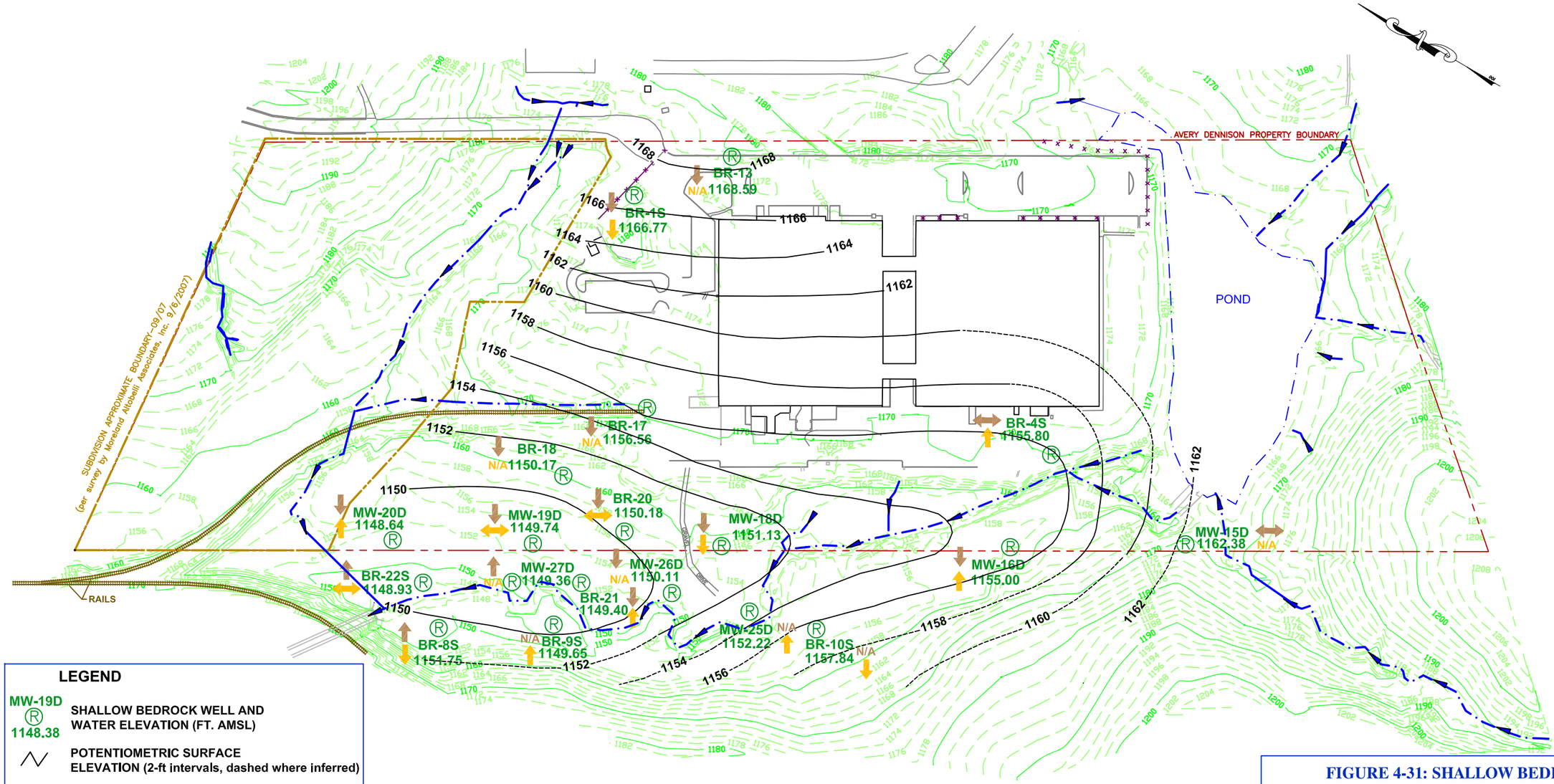
- MW-19D ® 1148.38 — SHALLOW BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM WEATHERED BEDROCK AND/OR UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM DEEP BEDROCK

Notes:
N/A - No unconsolidated deposits or weathered bedrock well at this location for comparison.
N/A - No deep bedrock well at this location for comparison.

FIGURE 4-30: SHALLOW BEDROCK POTENTIOMETRIC MAP - JUNE 2009 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 02/19/10
Reviewed by: CMT	Date: 03/01/10
Scale: As Shown	Project: 1-0145-4



LEGEND

- MW-19D ® 1148.38 — SHALLOW BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM WEATHERED BEDROCK AND/OR UNCONSOLIDATED DEPOSITS
- DIRECTION OF VERTICAL GRADIENT TO/FROM DEEP BEDROCK

Notes:

N/A - No unconsolidated deposits or weathered bedrock well at this location for comparison.

N/A - No deep bedrock well at this location for comparison.

0 50 100 200
SCALE IN FEET

FIGURE 4-31: SHALLOW BEDROCK POTENTIOMETRIC MAP - OCTOBER 2009 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 02/19/10
Reviewed by: CMT	Date: 03/01/10
Scale: As Shown	Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

RAILS

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

BR-12 N/A
1160.50

BR-2 N/A
1165.96

BR-3 N/A
1164.15

BR-1D
1160.89

BR-4D
1155.31

BR-5
1148.17

BR-6
1148.39

BR-7
1147.16

BR-8D
1147.80

BR-9D
1152.93

MW-25DRX
1156.50

BR-10D
1157.49

BR-11
1153.45

1148
1150
1152
1154
1156
1158
1160
1162
1164

N/F
WRIGLEY

LEGEND

- BR-1D / 1160.89 — DEEP BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

Notes:
N/A - No shallow bedrock well at this location for comparison.

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

FIGURE 4-32: DEEP BEDROCK POTENTIOMETRIC MAP - JUNE 2006
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS	Date: 2/21/08
Reviewed by: GAK	Date: 3/3/08
Scale: As Shown	Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

BR-12 N/A
1158.91

BR-1D
1159.62

BR-2 N/A
1161.84

BR-3 N/A
1163.22

BR-4D
1155.06

BR-5
1148.10

BR-6
1148.38

BR-7
1147.14

BR-8D
1146.00

BR-9D
1152.87

MW-25DRX
1156.27

BR-10D*

BR-11
1153.58

N/F
WRIGLEY

LEGEND

- BR-1D / 1159.62 — DEEP BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

Notes:
N/A - No shallow bedrock well at this location for comparison.
* BR-10D had not yet recovered hydraulically from prior sampling at the time of measurement

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

FIGURE 4-33: DEEP BEDROCK POTENTIOMETRIC MAP - OCTOBER 2006 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS	Date: 2/22/08
Reviewed by: GAK	Date: 3/3/08
Scale: As Shown	Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

BR-12 N/A
1161.70

BR-1D
1161.88

BR-2 N/A
1163.81

BR-3 N/A
1165.08

BR-4D
1154.94

BR-5
1148.73

BR-6
1148.88

BR-7
1148.50

BR-8D
1147.33

BR-9D
1152.92

MW-25DRX
>1156.27

BR-10D*

BR-11
1154.63

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

N/F
WRIGLEY

LEGEND

- BR-1D Ⓡ 1161.88 — DEEP BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

Notes:
N/A - No shallow bedrock well at this location for comparison.
* BR-10D had not yet recovered hydraulically from prior sampling at the time of measurement

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

FIGURE 4-34: DEEP BEDROCK POTENTIOMETRIC MAP - FEBRUARY 2007 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS	Date: 2/22/08
Reviewed by: GAK	Date: 3/3/08
Scale: As Shown	Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

RAILS

BR-12 N/A
1160.83

BR-1D
1161.13

BR-2 N/A
1163.41

BR-3 N/A
1164.86

BR-4D
1155.64

BR-5
1148.41

BR-6
1148.63

BR-7
1147.56

BR-8D
1146.40

BR-9D
>1153.02

BR-10D*

BR-11
1153.99

MW-25DRX
>1156.27

1162
1164
1160
1158
1156
1154
1152
1150
1148
1146

N/F
WRIGLEY

LEGEND

- BR-1D / 1161.13 — DEEP BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

Notes:
N/A - No shallow bedrock well at this location for comparison.
* BR-10D had not yet recovered hydraulically from prior sampling at the time of measurement

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

FIGURE 4-35: DEEP BEDROCK POTENTIOMETRIC MAP - MAY 2007
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/22/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4

N/F
BALDOR

AVERY DRIVE

AVERY DENNISON PROPERTY BOUNDARY

INTERSTATE HWY 985
SR 365

POND

WATER TANK

RAILS

SUBDIVISION APPROXIMATE BOUNDARY
(per survey by Moreland Altobelli Associates, Inc. 9/6/2007)

BR-1D
1157.48

BR-1S
1157.03

BR-2 N/A
1160.44

BR-3 N/A
1162.16

BR-4D
1154.29

BR-5
1148.12

BR-6
1148.53

BR-7
1145.71

BR-8D
1146.72

BR-9D
>1153.02

BR-10D
1152.78

BR-11
1152.40

BR-15 N/A
1151.14

BR-16 N/A
1151.55

BR-19 N/A
1151.07

MW-25DRX
1154.31

N/F
WRIGLEY

LEGEND

- BR-1D / 1161.13 — DEEP BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

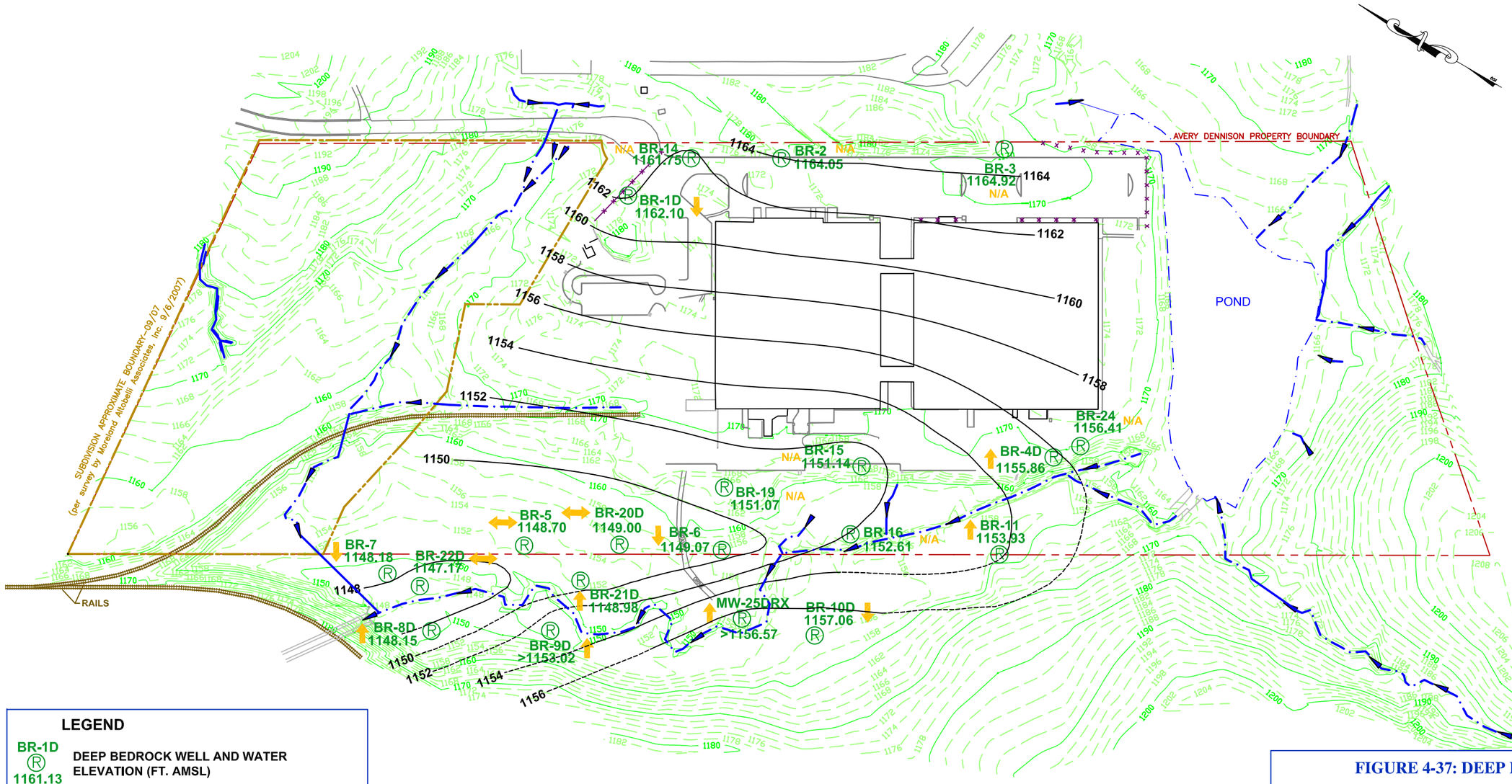
Notes:
N/A - No shallow bedrock well at this location for comparison.

SCALE IN FEET
100 0 100 200 300
GRAPHIC SCALE – FEET

FIGURE 4-36: DEEP BEDROCK POTENTIOMETRIC MAP - OCTOBER 2007
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/22/08
Reviewed by: GAK Date: 3/3/08
Scale: As Shown Project: 1-0145-4



LEGEND

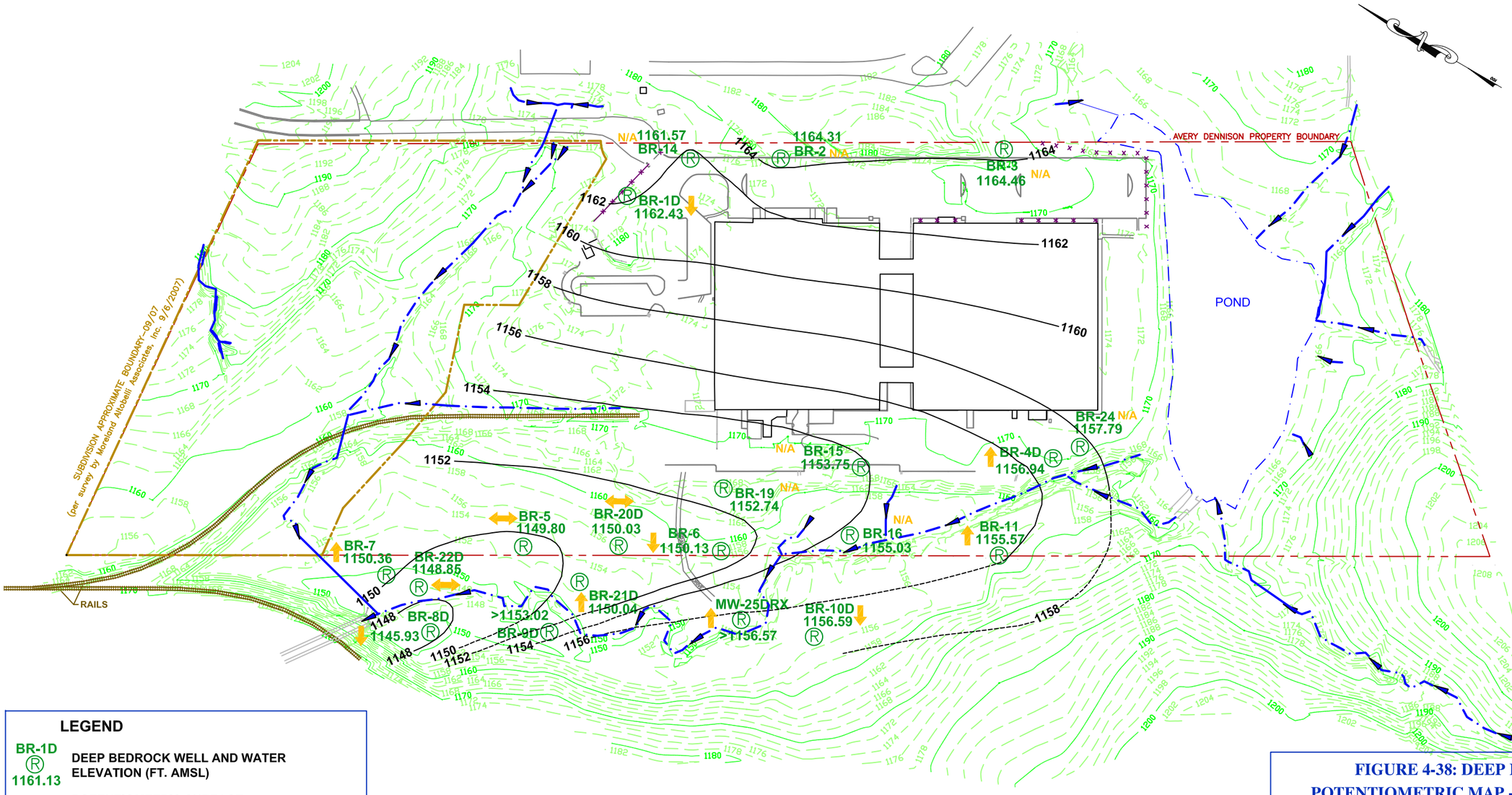
- BR-1D / 1161.13 — DEEP BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

Notes:
N/A - No shallow bedrock well at this location for comparison.

FIGURE 4-37: DEEP BEDROCK POTENTIOMETRIC MAP - JUNE 2009 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 02/19/10
Reviewed by: CMT	Date: 03/01/10
Scale: As Shown	Project: 1-0145-4



LEGEND

- BR-1D / 1161.13 — DEEP BEDROCK WELL AND WATER ELEVATION (FT. AMSL)
- POTENTIOMETRIC SURFACE ELEVATION (2-ft intervals, dashed where inferred)
- GROUND ELEVATION (10-ft Major Intervals)
- GROUND ELEVATION (2-ft Minor Intervals)
- DIRECTION OF SURFACE WATER FLOW
- DIRECTION OF VERTICAL GRADIENT TO/FROM SHALLOW BEDROCK

Notes:
N/A - No shallow bedrock well at this location for comparison.

0 50 100 200
SCALE IN FEET

FIGURE 4-38: DEEP BEDROCK POTENTIOMETRIC MAP - OCTOBER 2009 AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 02/19/10
Reviewed by: CMT	Date: 03/01/10
Scale: As Shown	Project: 1-0145-4

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- JULY 2005 WATER TABLE POTENTIOMETRIC CONTOUR (2 FT. INTERVALS)
- UNCONSOLIDATED DEPOSITS WELL
- BEDROCK WELL
- WEATHERED BEDROCK WELL
- TEMPORARY WELL
- SURFACE WATER MONITORING LOCATION
- SPRING SAMPLE LOCATION
- STREAM BED WELL

Note: All samples analyzed by EPA Method 8260B for full analyte list

Abbreviation Key

1,1,1-TCA	1,1,1-Trichloroethane
1,1,2-TCA	1,1,2-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCA	1,2-Dichloroethane
1,4-DCB	1,4-Dichlorobenzene
MEK	2-Butanone (Methyl Ethyl Ketone)
A	Acetone
B	Benzene
CCL4	Carbon Tetrachloride
CA	Chloroethane
CF	Chloroform
c1,2-DCE	cis-1,2-Dichloroethene
DCM	Dichloromethane (Methylene Chloride)
EB	Ethylbenzene
F-11	Freon-11 (Trichlorotrifluoromethane)
m,p-X	m,p-Xylene
MCH	Methylcyclohexane
o-X	o-Xylene
Styrene	Styrene
PCE	Tetrachloroethene
T	Toluene
t1,2-DCE	trans-1,2-Dichloroethene
TCE	Trichloroethene
VC	Vinyl Chloride
ND	Not Detected above Laboratory PQL
NS	Not Sampled

Notes:
- All results in µg/L
- Wells labeled with a date or dates following "NS" were sampled only during the indicated months
- Sample dates as shown, e.g. 5/05 = May 2005

Risk Reduction Standards

	Type 3/4 Groundwater (ug/L)
1,1,1-TCA	13600
1,1,2-TCA	5
1,1-DCA	4000
1,1-DCE	520
1,2-DCA	5
1,4-DCB	75
MEK	11800
A	46000
CCL4	5
CA	28000
CF	100
c1,2-DCE	370
DCM	120
EB	700
F-11	2000
m,p-X	*
MCH	Not Regulated
o-X	*
PCE	5
T	5200
t1,2-DCE	160
TCE	34
VC	3

Note: Yellow highlighting indicates detection in excess of Type 3/4 risk reduction standard.

* Type 3/4 Groundwater RRS for Total Xylenes is 10,000 ug/L

In-stream Water Quality Criteria (ug/L)

1,1-DCE	3.2

Notes:
- In-stream Water Quality Criteria from *Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6-.03*
- Of the compounds detected in site surface water, only 1,1-DCE has an In-stream water quality criterion.

PROPERTY BOUNDARY (TYP.)

POND

WATER TANK

GRAVEL DRIVE

FENCE (TYPICAL)

Rails (Typical)

1166 1164 1162 1160 1158 1156 1154 1152 1150 1148

(ABANDONED) MW-41 ND

BR-12 (ABANDONED) ND

BR-1S ND
BR-1D

BR-1D	
	6/05
A	230

MW-13 ND

BR-2 ND

TW-1S ND
TW-1D ND

MW-39S ND
MW-39D ND

MW-22 ND

BR-3 ND

MW-40D ND

TW-2S ND
TW-2D ND

TW-3S ND
TW-3D ND

SW-6 ND

MW-34 ND

MW-32

MW-32	
	5/05
1,1,1-TCA	15

TW-4S

TW-4S	
	1/05
1,1,1-TCA	19
1,1-DCA	43

TW-4S
TW-4D ND

TW-5S ND
TW-5D ND

ND

MW-31

TW-6S ND
TW-6D ND

MW-1 ND

MW-2 ND

MW-3

MW-3		
	11/04	5/05
1,1,1-TCA	300	740
1,1-DCA	210	290
1,1-DCE	2300	3800
VC	9.2	8.9

TW-8D ND

MW-4 ND

TW-9S

TW-9S	
	1/05
A	28

TW-7S ND
TW-7D ND

MW-5

MW-5		
	11/04	5/05
1,1-DCA	8.4	21
1,1-DCE	31	77

TW-9S
TW-9D ND

TW-10S

TW-10S	
	1/05
1,1-DCA	48
1,1-DCE	240
A	29
VC	31

TW-10D

TW-10D	
	1/05
1,1,1-TCA	990
1,1-DCA	130
1,1-DCE	2600
MC	41

TW-10S
TW-10D

MW-10 ND

MW-11 ND

MW-12

MW-12		
	11/04	5/05
1,1,1-TCA	7.1	ND
1,1-DCA	140	15
1,1-DCE	38	16
CA	45	34
VC	5.8	4.4

TW-24S

TW-24S	
	2/05
1,1-DCA	22
1,1-DCE	7.4
A	170
CA	32
VC	2.4

TW-24D

TW-24D	
	2/05
1,1-DCA	82
1,1-DCE	15
CA	29

TW-24S
TW-24D

MW-36D

MW-36D	
	5/05
1,1,1-TCA	8200
1,1-DCA	460
1,1-DCE	8100
1,2-DCA	18
F-11	14
m,p-X	26
MCH	5.7
TCE	18

MW-36S

MW-36S	
	5/05
1,1,1-TCA	12
1,1-DCA	120
1,1-DCE	140
CA	110
VC	25

MW-36S
MW-36D

TW-28D

TW-28D	
	2/05
1,1,1-TCA	13000
1,1-DCA	2800
1,1-DCE	25000
1,2-DCA	83
CA	78
c1,2-DCE	8.9
DCM	27
F-11	34
m,p-X	150
MCH	8.7
o-X	17
PCE	9.2
T	16
TCE	58

TW-28S

TW-28S	
	2/05
1,1,1-TCA	82
1,1-DCA	1000
1,1-DCE	400
CA	240
VC	7.8

TW-28S
TW-28D

TW-27S

TW-27S	
	1/05
1,1-DCA	190
1,1-DCE	120
CA	33

TW-27D

TW-27D	
	1/05
1,1,1-TCA	530
1,1-DCA	610
CA	28

TW-27S
TW-27D

TW-26S

TW-26S	
	2/05
1,1-DCA	7.7
1,1-DCE	5.5

TW-26D

TW-26D	
	2/05
1,1-DCA	14
1,1-DCE	13

TW-26S
TW-26D

TW-25S

TW-25S	
	2/05
1,1-DCA	6.4

TW-25D

TW-25D	
	2/05
1,1-DCA	5.3

TW-25S
TW-25D

MW-37

MW-37	
	5/05
1,1,1-TCA	1000
1,1-DCA	80
1,1-DCE	1100

MW-37

MW-9

MW-9		
	11/04	5/05
1,1-DCA	9.1	ND

MW-18D

MW-18D		
	11/04	5/05
1,1,1-TCA	1500	970
1,1-DCA	31	29
1,1-DCE	2300	1100
F-11	5.8	ND

MW-18S
MW-18D

BR-6

BR-6	
	6/05
1,1,1-TCA	220
1,1-DCA	77
1,1-DCE	530

BR-6

TW-29

TW-29	
	2/05
1,1,1-TCA	600
1,1-DCA	22
1,1-DCE	530

TW-29
MW-29 ND

MW-14

MW-14		
	11/04	5/05
1,1,1-TCA	49	25
1,1-DCA	35	21
1,1-DCE	27	15

MW-14

MW-17

MW-17		
	11/04	5/05
1,1,1-TCA	6.4	60
1,1-DCA	6.1	53
1,1-DCE	7.1	40

MW-17

SBW-6

SBW-6	
	3/05
1,1,1-TCA	190
1,1-DCA	150
1,1-DCE	150

SBW-6

SBW-7

SBW-7	
	3/05
1,1,1-TCA	10
1,1-DCA	37
1,1-DCE	5.4

SBW-7

TW-13S

TW-13S	
	1/05
1,1,1-TCA	31
1,1-DCA	12
1,1-DCE	100
c1,2-DCE	19
t1,2-DCE	5.5

TW-13D

TW-13D		
	1/05	
1,1,1-TCA	810	
1,1-DCA	320	
1,1-DCE	2600	
1,2-DCA	5.6	
VC	4.2	
MC	19	

TW-13S
TW-13D

BR-4S
BR-4D ND

MW-23

TW-11

SBW-10 ND

SW-5 ND

SBW-9

SBW-9	
	3/05
1,1,1-TCA	25
1,1-DCA	17
1,1-DCE	100

MW-23

MW-23		
	11/04	5/05
1,1-DCA	120	45
1,1-DCE	780	210
VC	16	8.9

SBW-8

SBW-8	
	3/05
1,1-DCE	6.4

TW-12S ND
TW-12D ND

MW-33 ND

TW-14S ND
TW-14D ND

TW-15S ND
TW-15D ND

TW-16S

TW-16S	
	1/05
c1,2-DCE	12

TW-16S
TW-16D ND

TW-17S ND
TW-17D ND

TW-18S

TW-18S	
	1/05
1,1-DCA	5.6

TW-18S
TW-18D ND

MW-16S ND

MW-16D

BR-11 ND

MW-15S ND

MW-15D

TW-19S ND

MW-19D

MW-19D		
	11/04	5/05
1,1,1-TCA	5.6	9.5
1,1-DCA	460	110
1,1-DCE	500	990

BR-5

BR-5	
	5/05
1,1-DCE	6.2

SBW-4

SBW-4	
	3/05
1,1,1-TCA	180
1,1-DCA	34
1,1-DCE	130

MW-27S

MW-27S		
	11/04	5/05
1,1-DCA	8.8	ND
1,1-DCE	11	ND

MW-27S

MW-33

MW-33	
	3/05
1,1,1-TCA	67
1,1-DCA	22
1,1-DCE	70

TW-33
SPRING-2

TW-37D

TW-37D	
	2/05
1,1-DCA	29
A	27

TW-37S

TW-37S	
	2/05
1,1-DCA	20

TW-37D
TW-37S

SPRING-1 ND

SBW-1 ND

SBW-2 ND

SW-1 ND

MW-28 ND

BR-8S ND
BR-8D ND

BR-7 ND

MW-20S ND
MW-20D ND

TW-36 ND

TW-35 ND

TW-34 ND

SW-2

SBW-3 ND

MW-27D ND

MW-42

MW-42	
	5/05
1,1,1-TCA	220
1,1-DCA	93
1,1-DCE	230
CA	14

MW-42

SPRING-2

SPRING-2	
	3/05
1,1,1-TCA	120
1,1-DCA	36
1,1-DCE	100

SBW-4

SBW-5 ND

TW-32S ND
TW-32D

TW-32D

TW-32D	
	3/05
1,1,1-TCA	600
1,1-DCA	41
1,1-DCE	790

TW-31S

TW-31S	
	3/05
1,1,1-TCA	21
1,1-DCA	14
1,1-DCE	37

TW-31S
TW-31D ND

MW-26D ND

MW-26S

MW-26S		
	11/04	5/05
1,1-DCE	ND	10

SW-3 ND

MW-W ND

MW-25D

MW-25DRX ND

BR-9S ND
BR-9D

BR-9D	
	5/05
A	59

BR-10S

BR-10S	
	5/05
A	190

BR-10S
BR-10D ND

TW-30S ND
TW-30D ND

TW-23S ND
TW-23D ND

TW-22S ND
TW-22D ND

TW-21S ND
TW-21D ND

MW-35 ND

TW-20S ND
TW-20D ND

SW-4 ND

MW-24 (APPROX.) ND

MW-7 ND

MW-6 ND

MW-8 ND

MW-9

MW-9		
	11/04	5/05
1,1-DCA	9.1	ND

MW-10 ND

MW-11 ND

MW-12

MW-12		
	11/04	5/05
1,1,1-TCA	7.1	ND
1,1-DCA	140	15
1,1-DCE	38	16
CA	45	34
VC	5.8	4.4

MW-21 ND

MW-30 ND

MW-38 ND

(ABANDONED)

SCALE IN FEET
50 0 50 100 150
GRAPHIC SCALE – FEET

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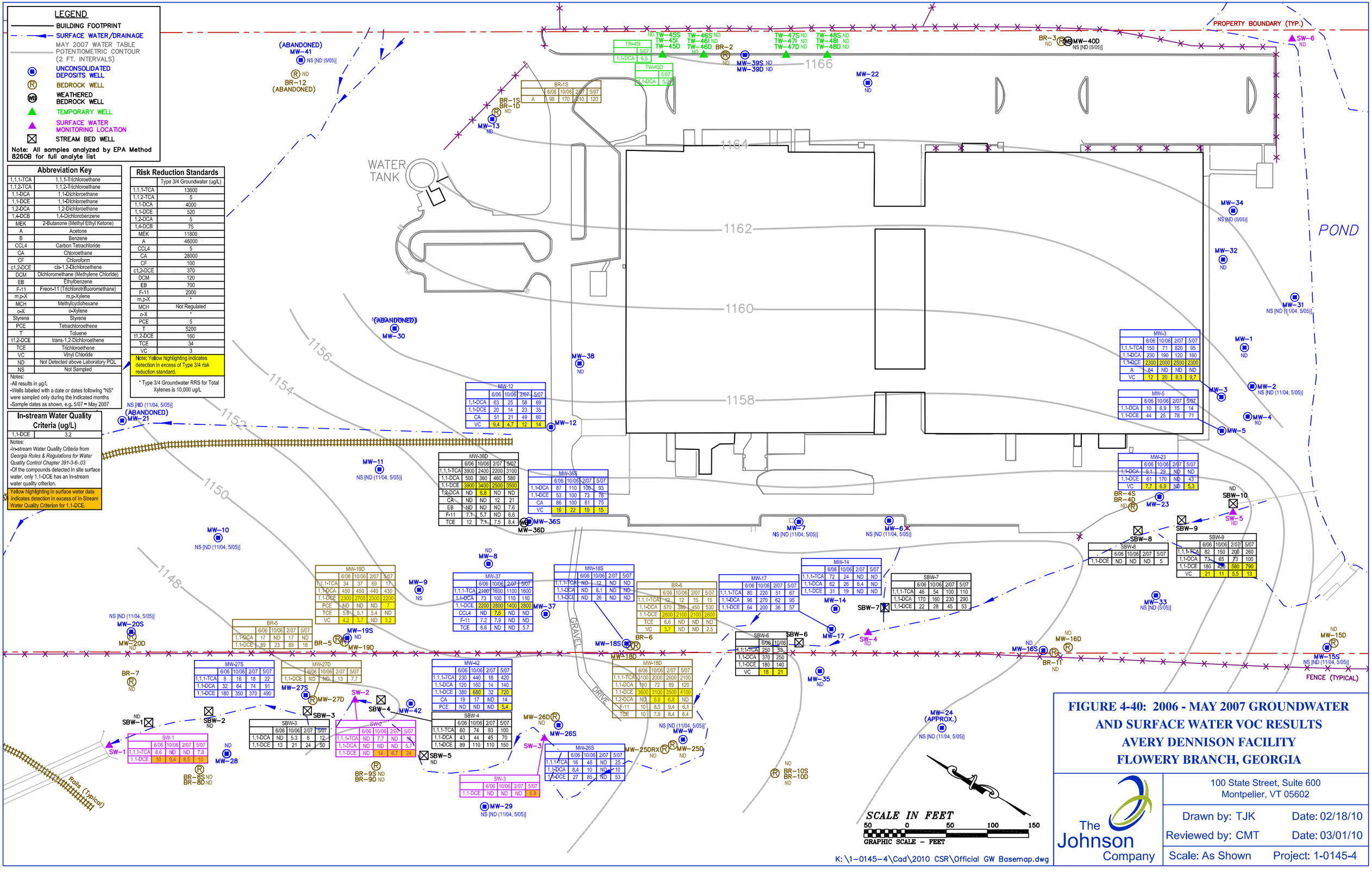
FIGURE 4-39: 2004-2005 GROUNDWATER AND SURFACE WATER VOC RESULTS AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/18/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4

FIGURE 4-40: 2006 - MAY 2007 GROUNDWATER AND SURFACE WATER VOC RESULTS AVERY DENNISON FACILITY FLOWERY BRANCH, GEORGIA



Abbreviation Key	
1,1,1-TCA	1,1,1-Trichloroethane
1,1,2-TCA	1,1,2-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCA	1,2-Dichloroethane
1,4-DCB	1,4-Dichlorobenzene
MEK	2-Butanone (Methyl Ethyl Ketone)
A	Acetone
B	Benzene
CCL4	Carbon Tetrachloride
CA	Chloroethane
CF	Chloroform
c1,2-DCE	cis-1,2-Dichloroethene
DCM	Dichloromethane (Methylene Chloride)
EB	Ethylbenzene
F-11	Freon-11 (Trichlorotrifluoromethane)
m,p-X	m,p-Xylene
MCH	Methylcyclohexane
o-X	o-Xylene
Styrene	Styrene
PCE	Tetrachloroethene
T	Toluene
t1,2-DCE	trans-1,2-Dichloroethene
TCE	Trichloroethene
VC	Vinyl Chloride
ND	Not Detected above Laboratory PQL
NS	Not Sampled

Notes:
-All results in µg/L
-Wells labeled with a date or dates following "NS" were sampled only during the indicated months
-Sample dates as shown, e.g. 5/07 = May 2007

In-stream Water Quality Criteria (ug/L)	
1,1-DCE	3.2

Notes:
-In-stream Water Quality Criteria from *Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6-.03*
-Of the compounds detected in site surface water, only 1,1-DCE has an in-stream water quality criterion.

Yellow highlighting in surface water data indicates detection in excess of In-Stream Water Quality Criterion for 1,1-DCE.

Risk Reduction Standards	Type 3/4 Groundwater (ug/L)
1,1,1-TCA	13600
1,1,2-TCA	5
1,1-DCA	4000
1,1-DCE	520
1,2-DCA	5
1,4-DCB	75
MEK	11800
A	46000
CCL4	5
CA	28000
CF	100
c1,2-DCE	370
DCM	120
EB	700
F-11	2000
m,p-X	*
MCH	Not Regulated
o-X	*
PCE	5
T	5200
t1,2-DCE	160
TCE	34
VC	3

Note: Yellow highlighting indicates detection in excess of Type 3/4 risk reduction standard.

* Type 3/4 Groundwater RRS for Total Xylenes is 10,000 ug/L

TW-45I	5/07
1,1-DCA	6.5

TW-45D	5/07
1,1-DCA	5.2

BR-1S	6/06	10/06	2/07	5/07
A	98	170	210	120

MW-3	6/06	10/06	2/07	5/07
1,1,1-TCA	150	71	820	95
1,1-DCA	230	190	120	160
1,1-DCE	2300	2000	2500	2300
A	64	ND	ND	ND
VC	12	20	8.3	9.7

MW-5	6/06	10/06	2/07	5/07
1,1-DCA	10	6.9	15	14
1,1-DCE	44	25	78	71

MW-12	6/06	10/06	2/07	5/07
1,1-DCA	63	25	58	69
1,1-DCE	20	14	23	35
CA	51	21	49	60
VC	9.4	4.7	12	14

MW-36D	6/06	10/06	2/07	5/07
1,1,1-TCA	3900	2400	2200	3100
1,1-DCA	500	360	460	580
1,1-DCE	3900	3400	2500	3500
1,2-DCA	ND	6.8	ND	ND
CA	ND	ND	12	21
EB	ND	ND	ND	7.6
F-11	7.1	5.7	ND	6.6
TCE	12	7.1	7.5	8.4

MW-36S	6/06	10/06	2/07	5/07
1,1-DCA	87	110	100	93
1,1-DCE	53	100	73	78
CA	86	100	81	75
VC	16	22	19	15

MW-19D	6/06	10/06	2/07	5/07
1,1,1-TCA	34	37	69	17
1,1-DCA	450	450	440	430
1,1-DCE	2300	2700	2300	2200
PCE	ND	ND	ND	7
TCE	5.6	5.1	5.4	ND
VC	4.2	3.7	ND	3.2

BR-5	6/06	10/06	2/07	5/07
1,1-DCA	17	ND	17	ND
1,1-DCE	89	23	88	18

MW-37	6/06	10/06	2/07	5/07
1,1,1-TCA	2100	1600	1100	1600
1,1-DCA	73	100	110	110
1,1-DCE	2200	2800	1400	2800
CCL4	ND	7.6	ND	ND
F-11	7.2	7.9	ND	ND
TCE	6.6	ND	ND	5.7

MW-18S	6/06	10/06	2/07	5/07
1,1,1-TCA	ND	12	ND	ND
1,1-DCA	ND	8.1	ND	ND
1,1-DCE	ND	26	ND	ND

BR-6	6/06	10/06	2/07	5/07
1,1,1-TCA	12	12	15	15
1,1-DCA	570	380	450	530
1,1-DCE	2800	2100	2100	2600
TCE	6.6	ND	ND	ND
VC	3.7	ND	ND	2.5

MW-17	6/06	10/06	2/07	5/07
1,1,1-TCA	80	220	51	67
1,1-DCA	96	270	62	95
1,1-DCE	64	200	36	57

MW-14	6/06	10/06	2/07	5/07
1,1,1-TCA	72	24	ND	ND
1,1-DCA	62	26	6.4	ND
1,1-DCE	31	19	ND	ND

SBW-6	6/06	10/06
1,1,1-TCA	250	59
1,1-DCA	370	250
1,1-DCE	180	140
VC	18	21

SBW-7	6/06	10/06	2/07	5/07
1,1,1-TCA	46	54	100	110
1,1-DCA	170	160	230	290
1,1-DCE	22	28	45	53

MW-18D	6/06	10/06	2/07	5/07
1,1,1-TCA	3100	2000	2600	2100
1,1-DCA	110	72	89	120
1,1-DCE	3600	3100	3500	4100
1,2-DCA	ND	6.6	6.8	ND
F-11	10	8.5	9.4	6.1
TCE	10	7.9	8.4	8.4

MW-27S	6/06	10/06	2/07	5/07
1,1,1-TCA	8	16	18	22
1,1-DCA	32	64	74	91
1,1-DCE	180	350	370	490

MW-27D	6/06	10/06	2/07	5/07
1,1-DCE	ND	ND	13	7.7

MW-42	6/06	10/06	2/07	5/07
1,1,1-TCA	230	440	18	420
1,1-DCA	120	160	14	140
1,1-DCE	380	680	32	720
CA	19	17	ND	14
PCE	ND	ND	ND	5.4

SW-1	6/06	10/06	2/07	5/07
1,1,1-TCA	8.6	ND	ND	7.8
1,1-DCE	10	9.4	6.5	10

SBW-3	6/06	10/06	2/07	5/07
1,1-DCA	ND	5.3	6	12
1,1-DCE	13	21	24	50

SW-2	6/06	10/06	2/07	5/07
1,1,1-TCA	ND	7.7	ND	ND
1,1-DCA	ND	ND	ND	5.7
1,1-DCE	ND	14	6.7	24

SBW-4	6/06	10/06	2/07	5/07
1,1,1-TCA	60	74	93	100
1,1-DCA	43	44	45	70
1,1-DCE	89	110	110	150

SW-3	6/06	10/06	2/07	5/07
1,1-DCE	ND	ND	ND	5.9

MW-26S	6/06	10/06	2/07	5/07
1,1,1-TCA	16	48	ND	25
1,1-DCA	8.4	10	ND	10
1,1-DCE	27	85	ND	53

SBW-8	6/06	10/06	2/07	5/07
1,1-DCE	ND	ND	ND	5

SBW-9	6/06	10/06	2/07	5/07
1,1,1-TCA	82	150	200	260
1,1-DCA	73	65	73	100
1,1-DCE	180	420	580	790
VC	21	11	5.5	13

MW-23	6/06	10/06	2/07	5/07
1,1-DCA	9.1	23	ND	ND
1,1-DCE	61	170	ND	43
VC	7.7	6.9	ND	5.3

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The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 02/18/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4

LEGEND

- BUILDING FOOTPRINT
- SURFACE WATER/DRAINAGE
- OCTOBER 2007 WATER TABLE POTENTIOMETRIC CONTOUR (2 FT. INTERVALS)
- UNCONSOLIDATED DEPOSITS WELL
- BEDROCK WELL
- WEATHERED BEDROCK WELL
- SURFACE WATER MONITORING LOCATION
- STREAM BED WELL

Note: All samples analyzed by EPA Method 8260B for full analyte list

Abbreviation Key

1,1,1-TCA	1,1,1-Trichloroethane
1,1,2-TCA	1,1,2-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCA	1,2-Dichloroethane
1,4-DCB	1,4-Dichlorobenzene
MEK	2-Butanone (Methyl Ethyl Ketone)
A	Acetone
B	Benzene
CCL4	Carbon Tetrachloride
CA	Chloroethane
CF	Chloroform
c1,2-DCE	cis-1,2-Dichloroethene
DCM	Dichloromethane (Methylene Chloride)
EB	Ethylbenzene
F-11	Freon-11 (Trichlorotrifluoromethane)
m,p-X	m,p-Xylene
MCH	Methylcyclohexane
o-X	o-Xylene
X	Xylenes (total)
1,4-DIOX	1,4 Dioxane
PCE	Tetrachloroethene
T	Toluene
t1,2-DCE	trans-1,2-Dichloroethene
TCE	Trichloroethene
VC	Vinyl Chloride
S	Styrene
ND	Not Detected above Laboratory PQL
NS	Not Sampled

Notes:
-All results in µg/L
-Wells labeled with a date or dates following "NS" were sampled only during the indicated months
-Sample dates as shown, e.g. 10/07 = October 2007

* Indicates wells that were not sampled in October 2009 due to the presence of biotraps.

In-stream Water Quality Criteria (ug/L)

1,1-DCE	3.2

Notes:
-In-stream Water Quality Criteria from *Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6-.03*
-Of the compounds detected in site surface water, only 1,1-DCE has an in-stream water quality criterion.

Orange highlighting in surface water data indicates detection in excess of In-Stream Water Quality Criterion for 1,1-DCE.

Risk Reduction Standards

	Type 3/4 Groundwater (ug/L)
1,1,1-TCA	13600
1,1,2-TCA	5
1,1-DCA	4000
1,1-DCE	520
1,2-DCA	5
1,4-DCB	75
MEK	11800
A	46000
CCL4	5
CA	28000
CF	100
c1,2-DCE	370
DCM	120
EB	700
F-11	2000
m,p-X	-
MCH	Not Regulated
o-X	-
X	10000
1,4-DIOX	260
PCE	5
T	5200
t1,2-DCE	160
TCE	34
VC	3
S	2600

Note: Yellow highlighting in groundwater data indicates detection in excess of Type 3/4 risk reduction standard.

PROPERTY BOUNDARY (TYPICAL)

WATER TANK

POND

FENCE (TYPICAL)

Rails (Typical)

MW-41 NS
BR-12 NS
MW-44D NS [ND (10/07)]
MW-44S NS [ND (10/07)]
BR-13 NS [ND 10/07]
BR-14 NS [ND 10/07]
MW-43D NS [ND (10/07)]
MW-43S NS [ND (10/07)]
BR-2 NS [ND 10/07]
MW-39S
MW-39D NS [ND (10/07)]

MW-39S	10/07	06/09	10/09
PCE	ND	2.4	6.3
TCE	ND	ND	1.1

MW-22 NS [ND (10/07)]
BR-3 NS
MW-40D NS
SW-6 ND
BR-1S
BR-1D NS [ND 10/07]
MW-13 NS

BR-1S	10/07
A	150

MW-34 NS
MW-32 NS
MW-31 NS
MW-30 NS
MW-38 NS [ND (10/07)]

MW-64	06/09	10/09
1,1,1-TCA	4990	5390
1,1,2-TCA	2.2	ND
1,1-DCA	206	226
1,1-DCE	1960	2540
1,2-DCA	3.5	ND
1,4-DIOX	457	ND
DCM	10.1	ND
m,p-X	4.4	ND
PCE	1.4	ND
T	2.5	ND
TCE	3	ND
VC	1.2	ND

MW-3	10/07	06/09	10/09
1,1,1-TCA	110	629	424
1,1,2-TCA	ND	2.6	ND
1,1-DCA	69	49.1	30
1,1-DCE	1000	1260	1140
1,2-DCA	ND	1.9	ND
TCE	ND	1.3	ND
VC	ND	2.3	ND

MW-1 ND
MW-2 NS
MW-3
MW-4 NS

MW-4	06/09	10/09
CF	2.6	3.2

MW-5
MW-63

MW-63	06/09	10/09
1,1,1-TCA	11.8	36.9
1,1-DCA	11.4	28.9
1,1-DCE	418	941

MW-65S

MW-65S	06/09
1,1,1-TCA	255
1,1,2-TCA	6.9
1,1-DCA	321
1,1-DCE	7970
1,2-DCA	23.7
1,4 DIOX	868
DCM	3.3
PCE	1
TCE	5.3
VC	12.5

MW-66

MW-66	06/09	10/09
1,1-DCE	1.7	1.8

MW-65D

MW-65D	06/09
1,1,1-TCA	178
1,1-DCA	19.9
1,1-DCE	232

MW-48S

MW-48S	10/07	06/09
1,1,1-TCA	730	170
1,1-DCA	230	110
1,1-DCE	2200	1100
DCM	5.4	ND
VC	1.7	ND

MW-48D
MW-48I

MW-48I	11/07	06/09
1,1,1-TCA	690	450
1,1-DCA	160	110
1,1-DCE	1500	1400
DCM	9.2	ND

BR-4S

BR-4S	10/07	06/09	10/09
c1,2-DCE	ND	ND	1.4
TCE	ND	ND	2.1

BR-4S ND
BR-24 ND
MW-23
MW-47S
MW-47D ND
SBW-10 ND
SW-5 ND
SBW-9
SBW-8
MW-33 NS

MW-47S	10/07	06/09	10/09
1,1-DCA	ND	7.9	5.2
1,1-DCE	51	76.2	55.2

SBW-8	10/07	06/09	10/09
1,1-DCE	ND	7	7.2

MW-23	10/07	06/09	10/09
1,1-DCA	55	ND	2.5
1,1-DCE	290	1.7	11.8
CA	11	ND	ND
VC	23	ND	9.5

SBW-9	10/07	06/09	10/09
1,1,1-TCA	90	176	121
1,1-DCA	45	46.3	29.9
1,1-DCE	260	499	389
TCE	ND	ND	1.9
VC	13	2.6	ND

BR-15

BR-15	10/07
1,1-DCA	6.2

BR-15
MW-45D ND
MW-45S NS [ND (10/07)]
MW-6 NS
MW-7

MW-7	10/07
1,1-DCA	12

MW-14

MW-14	10/07
1,1,1-TCA	16
1,1-DCA	22
1,1-DCE	19

SBW-7

SBW-7	10/07
1,1,1-TCA	35
1,1-DCA	190
1,1-DCE	23

BR-16

BR-16	10/07
1,1,1-TCA	26
1,1-DCE	36

MW-14
SBW-7
MW-49D NS [ND (10/07)]
BR-16
MW-17
SBW-6 NS
SW-4

SW-4	10/07	06/09	10/09
1,1-DCE	ND	1.1	ND

MW-16S NS
MW-16D NS
BR-11 NS
MW-15S NS
MW-15D NS

MW-17	10/07
1,1,1-TCA	190
1,1-DCA	220
1,1-DCE	160

MW-35 NS

MW-50D	10/07	06/09	10/09
1,1,1-TCA	430	92	48.7
1,1-DCA	17	8.6	5.6
1,1-DCE	570	180	99.2

MW-24 (APPROX.) NS

BR-6	10/07	06/09	10/09
1,1,1-TCA	5.3	ND	4.6
1,1-DCA	250	60	45.4
1,1-DCE	1300	370	345
VC	2.7	ND	ND

BR-10S NS
BR-10D NS

MW-61	06/09	10/09
MEK	32.5	ND

MW-61
MW-46I NS [ND (10/07)]
MW-46D NS [ND (10/07)]
BR-17

BR-17	10/07	06/09	10/09
1,1-DCA	ND	1	ND
1,1-DCE	ND	1.2	ND

MW-12

MW-12	10/07	06/09	10/09
1,1,1-TCA	ND	3.8	ND
1,1-DCA	41	60.1	41.7
1,1-DCE	34	10.8	7.7
CA	78	59.5	41.2
T	ND	3.9	ND
VC	21	4.7	ND

MW-11 NS
MW-36D

MW-36D	10/07	06/09	10/09
1,1,1-TCA	2400	820	893
1,1-DCA	660	560	951
1,1-DCE	3200	1200	1540
CA	17	31	44.7
PCE	ND	ND	21.4
TCE	5.5	ND	ND

MW-36S

MW-36S	10/07	06/09	10/09
1,1-DCA	100	16	16.7
1,1-DCE	110	6.4	7.4
CA	37	17	14.9
VC	14	1	ND

MW-58S

MW-58S	10/07	06/09
1,1,1-TCA	70	43
1,1-DCA	320	1400
1,1-DCE	330	1500
CA	13	230
VC	ND	69

MW-57I

MW-57I	10/07
1,1,1-TCA	33
1,1-DCA	5.8
1,1-DCE	61

MW-36S
MW-36D
MW-58D
MW-58S

MW-58D	10/07	06/09	10/09
1,1,1-TCA	170	24	14.3
1,1-DCA	300	130	140
1,1-DCE	520	200	145
CA	ND	7.6	ND

MW-60D

MW-60D	10/07	06/09	10/09
1,1,1-TCA	3300	1100	1480
1,1-DCA	180	180	136
1,1-DCE	41uu	1200	2250
1,2-DCA	9.4	ND	ND
F-11	12	ND	ND
TCE	12	ND	ND

MW-18D

MW-18D	10/07	06/09	10/09
1,1,1-TCA	1400	510	545
1,1-DCA	270	37	28.5
1,1-DCE	3000	1300	1190
1,2-DCA	5.6	ND	2.1
CA	34	62	ND
F-11	7.1	ND	2.3
PCE	ND	ND	4.6
TCE	6.4	ND	2.7

BR-19

BR-19	10/07	06/09	10/09
1,1-DCA	ND	ND	2.1
1,1-DCE	ND	ND	10.7

MW-19D

MW-19D	10/07	06/09	10/09
1,1,1-TCA	ND	19.7	14.8
1,1-DCA	220	85.1	66.8
1,1-DCE	1200	368	343
PCE	ND	ND	4.4
TCE	ND	1.1	ND
VC	2.5	ND	ND

BR-18

BR-18	11/07	06/09	10/09
1,1-DCA	51	39	33.8
1,1-DCE	33	21.4	17.6
T	ND	1.4	ND

MW-8

MW-8	10/07	06/09	10/09
EB	ND	ND	1.3
S	ND	ND	3.1

BR-23

BR-23	06/09
1,1,1-TCA	42
1,1-DCA	50
1,1-DCE	210
VC	12

MW-59D

MW-59D	10/07
1,1,1-TCA	92
1,1-DCA	190
1,1-DCE	130
1,4-DCB	5.3

MW-10 NS
MW-55D
MW-55D
MW-18
MW-9 NS [NS (10/07, 06/09)]
MW-59I NS [ND (10/07)]
MW-59D
MW-57D
MW-57I
MW-8
MW-23
MW-37
MW-60D

MW-52D	10/07	06/09	10/09
1,1,1-TCA	ND	2.2	2.6
1,1-DCA	ND	1.6	2.3
1,1-DCE	ND	3.2	3.7

BR-5	10/07	06/09	10/09
1,1-DCA	ND	2.9	2.7
1,1-DCE	5.6	5.9	2.7

MW-20S NS [ND (10/07)]
MW-20D ND
MW-19S NS [ND (10/07)]
MW-52D
BR-5
MW-19D
BR-20D
BR-20
MW-51D
MW-18S
MW-18D
BR-6
MW-50D

MW-51D	10/07	06/09	10/09
1,1,1-TCA	ND	31	62.6
1,1-DCA	18	19	21.4
1,1-DCE	ND	56	135
1,4-DCB	ND	6.7	5.9
CA	ND	4.9	ND

BR-20	10/07	06/09	10/09
1,1,1-TCA	160	84.5	81.7
1,1-DCA	440	150	181
1,1-DCE	2500	1080	1400
1,2-DCA	ND	1.9	2.3
DCM	ND	2.3	ND
PCE	ND	ND	3
TCE	5.2	2.7	3.1
VC	5.6	1.7	ND

MW-18S	10/07
1,1,1-TCA	25
1,1-DCA	7.3
1,1-DCE	38

BR-20D	06/09	10/09
1,1,1-TCA	14	7.5
1,1-DCA	24.1	36.2
1,1-DCE	92.1	101
MEK	ND	77.2

BR-7 ND
BR-22D ND
BR-22S ND
MW-62 ND
MW-27S
MW-27D
SW-2
MW-54D
BR-21D
BR-21
MW-42
MW-26D NS [ND (10/07)]
MW-26S
MW-25DRX NS [ND (10/07)]
MW-W NS
MW-25D NS [ND (10/07)]
SW-3 ND

MW-27S	10/07	06/09	10/09
1,1,1-TCA	ND	2.6	9.2
1,1-DCA	ND	10	16.2
1,1-DCE	12	59	119
MEK	210	ND	ND
A	260	ND	ND
T	ND	ND	1.1

MW-27D	10/07	06/09	10/09
1,1-DCA	49	ND	11.5
1,1-DCE	310	4.8	58.8

SW-2	10/07	06/09	10/09
1,1,1-TCA	25	3.4	1.5
1,1-DCA	12	1.8	ND
1,1-DCE	47	6.5	3.3

SWB-5	10/07	06/09	10/09
1,1-DCA	ND	1	ND
1,1-DCE	ND	1	ND

BR-21D	06/09	10/09
1,1-DCA	81.1	73.6
1,1-DCE	254	254
MEK	ND	383

BR-21	11/07	06/09	10/09
1,1,1-TCA	570	73	101
1,1-DCA	130	88	69.4
1,1-DCE	1700	570	521
PCE	ND	ND	4.5
TCE	ND	ND	1.4

MW-26S	10/07	06/09	10/09
1,1,1-TCA	150	4.7	ND
1,1-DCA	13	2.3	1.5
1,1-DCE	250	15.3	8.2

SW-3	10/07	06/09	10/09
1,1-DCE	ND	1.6	1.2

MW-28 NS [ND (10/07)]
BR-8S ND
BR-8D ND
BR-9S NS [ND (5/07)]
BR-9D NS [ND (5/07)]
MW-29 NS
MW-21 NS
MW-10S NS
MW-10D NS

SW-1	10/07	06/09	10/09
1,1,1-TCA	9	2.5	1.3
1,1-DCA	5.2	1.4	ND
1,1-DCE	19	5.4	3.0

SW-0	06/09	10/09
1,1,1-TCA	1.8	1.2
1,1-DCA	1.1	ND
1,1-DCE	3.6	2.8

SBW-1	10/07	06/09	10/09
1,1-DCA	ND	29.7	19.3
1,1-DCE	24	121	92.7
CA	ND	1.5	ND
TCE	ND	ND	1.8
VC	ND	2.1	ND

SBW-4	10/07	06/09	10/09
1,1,1-TCA	110	86.9	79.1
1,1-DCA	65	56.1	46.5
1,1-DCE	160	141	139
CA	ND	1.6	ND
T	33	ND	ND
TCE	ND	1.1	ND

MW-54D	10/07	06/09
1,1,1-TCA	580	560
1,1-DCA	110	100
1,1-DCE	800	1100

MW-42	10/07	06/09
1,1,1-TCA	590	170
1,1-DCA	140	56
1,1-DCE	970	320
CA	16	ND

SBW-1 ND
SBW-2 ND
SBW-3
SBW-4
SBW-5
SW-1
SW-0
MW-27S
MW-27D
SW-2
MW-54D
MW-42
SBW-6 NS
MW-35 NS
MW-24 (APPROX.) NS

SCALE IN FEET
50 0 50 100 150
GRAPHIC SCALE – FEET

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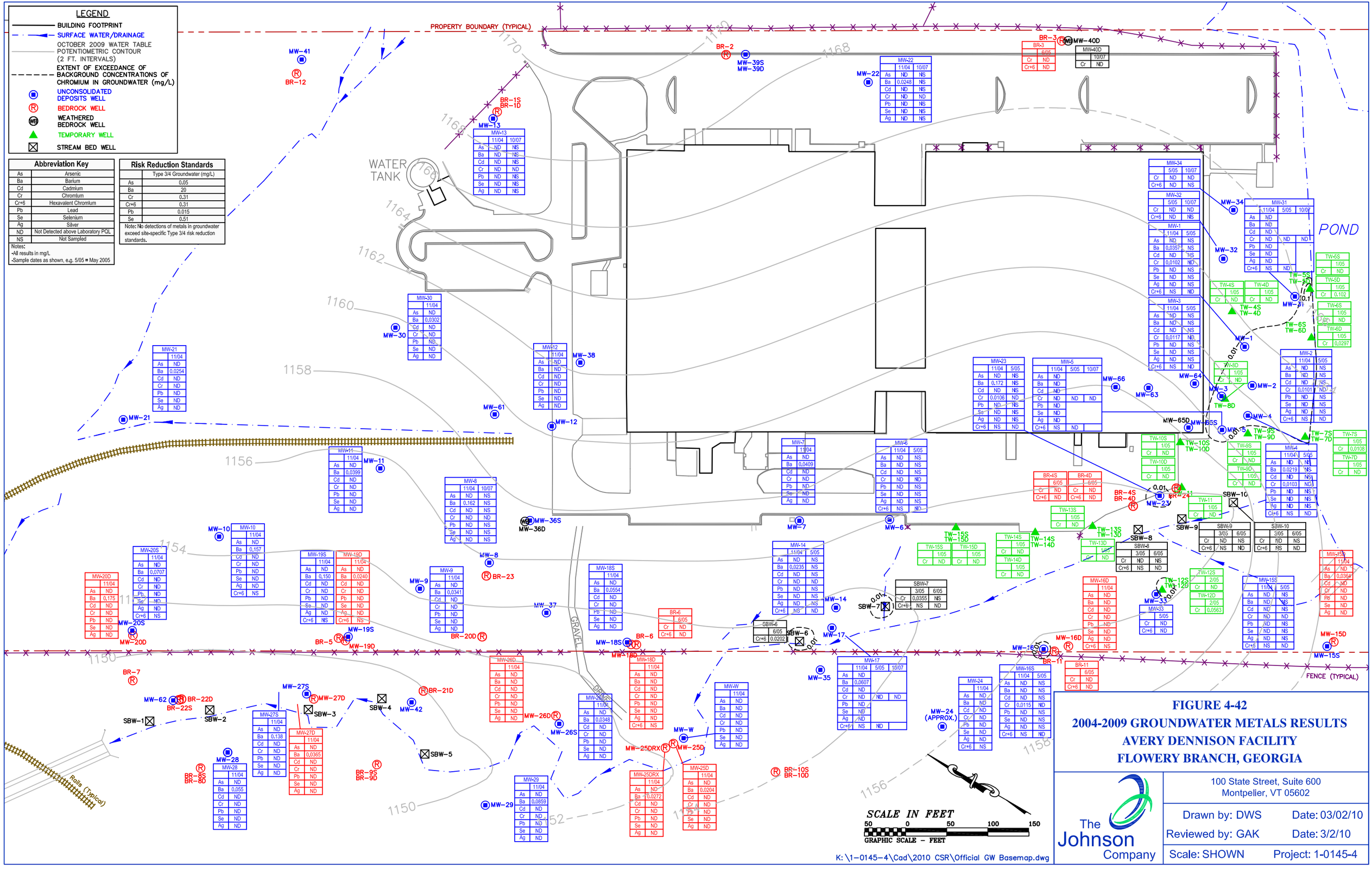
FIGURE 4-41: GROUNDWATER AND SURFACE WATER RESULTS OCTOBER 2007-OCTOBER 2009
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: RVJ Date: 03/01/10
Reviewed by: CMT Date: 03/01/10
Scale: As Shown Project: 1-0145-4


LEGEND
BUILDING FOOTPRINT
SURFACE WATER/DRAINAGE
OCTOBER 2009 WATER TABLE POTENTIOMETRIC CONTOUR (2 FT. INTERVALS)
EXTENT OF EXCEEDANCE OF BACKGROUND CONCENTRATIONS OF CHROMIUM IN GROUNDWATER (mg/L)
UNCONSOLIDATED DEPOSITS WELL
BEDROCK WELL
WEATHERED BEDROCK WELL
TEMPORARY WELL
STREAM BED WELL
Abbreviation Key
As Arsenic
Ba Barium
Cd Cadmium
Cr Chromium
Cr+6 Hexavalent Chromium
Pb Lead
Se Selenium
Ag Silver
ND Not Detected above Laboratory PQL
NS Not Sampled
Notes:
-All results in mg/L
-Sample dates as shown, e.g. 5/05 = May 2005
Risk Reduction Standards
Type 3/4 Groundwater (mg/L)
As 0.05
Ba 20
Cr 0.31
Cr+6 0.31
Pb 0.015
Se 0.51
Note: No detections of metals in groundwater exceed site-specific Type 3/4 risk reduction standards.
PROPERTY BOUNDARY (TYPICAL)
WATER TANK
GRAVEL DRIVE
POND
FENCE (TYPICAL)
Rails (Typical)
SCALE IN FEET
50 0 50 100 150
GRAPHIC SCALE – FEET
K:\1-0145-4\Cad\2010 CSR\Official GW Basemap.dwg
FIGURE 4-42
2004-2009 GROUNDWATER METALS RESULTS
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA
The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602
Drawn by: DWS Date: 03/02/10
Reviewed by: GAK Date: 3/2/10
Scale: SHOWN Project: 1-0145-4

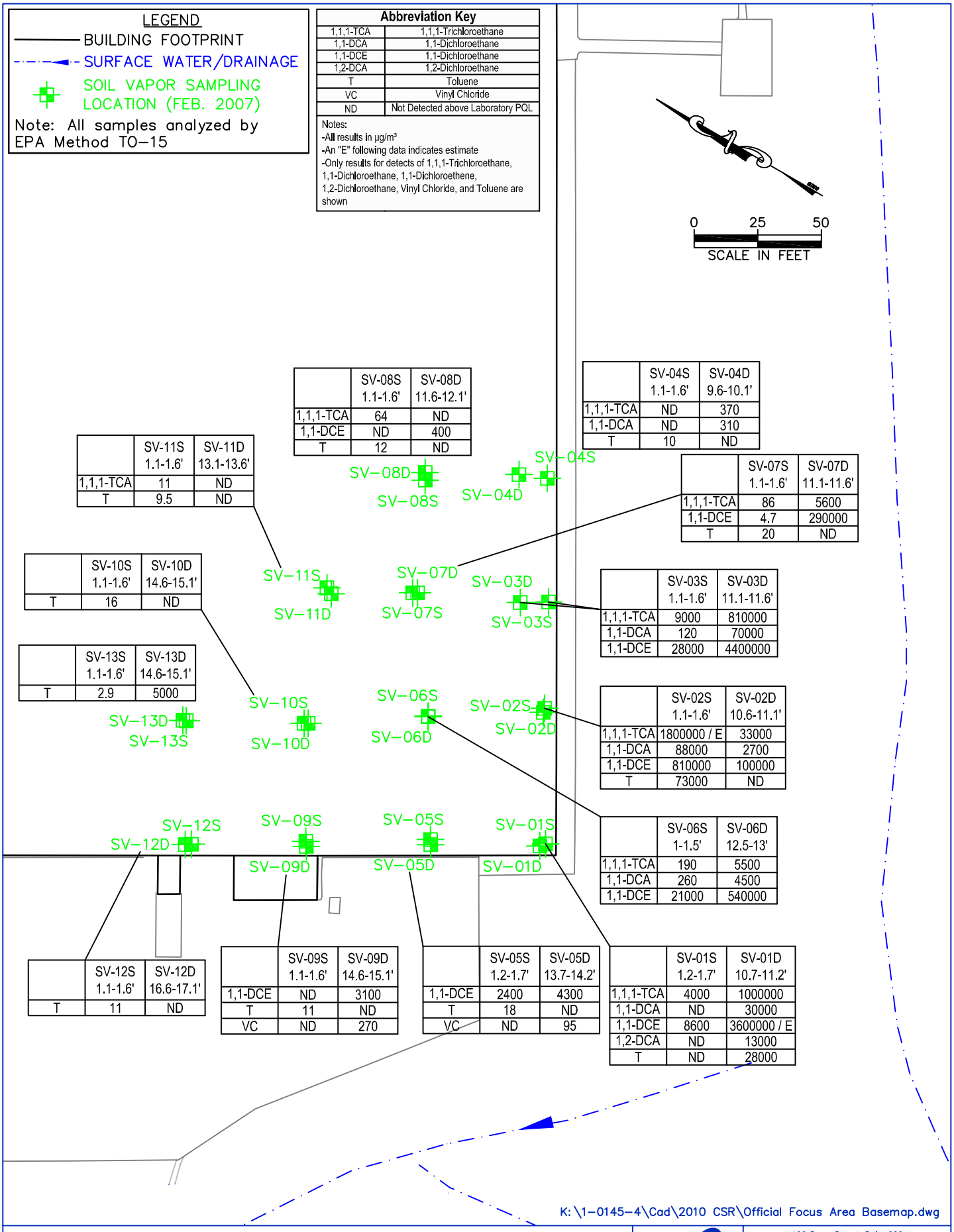


FIGURE 4-43: SOIL VAPOR RESULTS - FEBRUARY 2007
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 1/31/08
Reviewed by: GAK Date: 3/3/08
Scale: 1"=50' Project: 1-0145-4

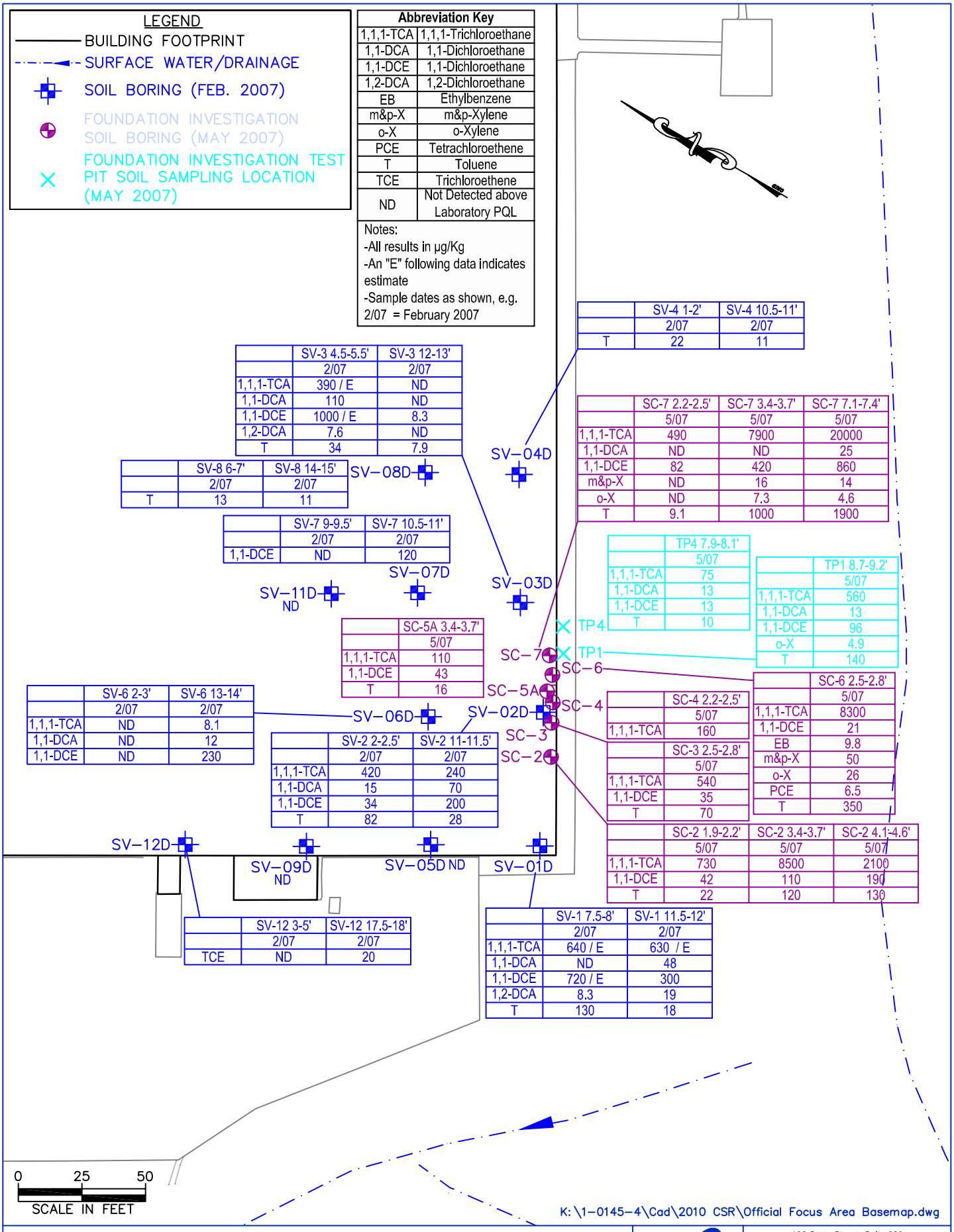
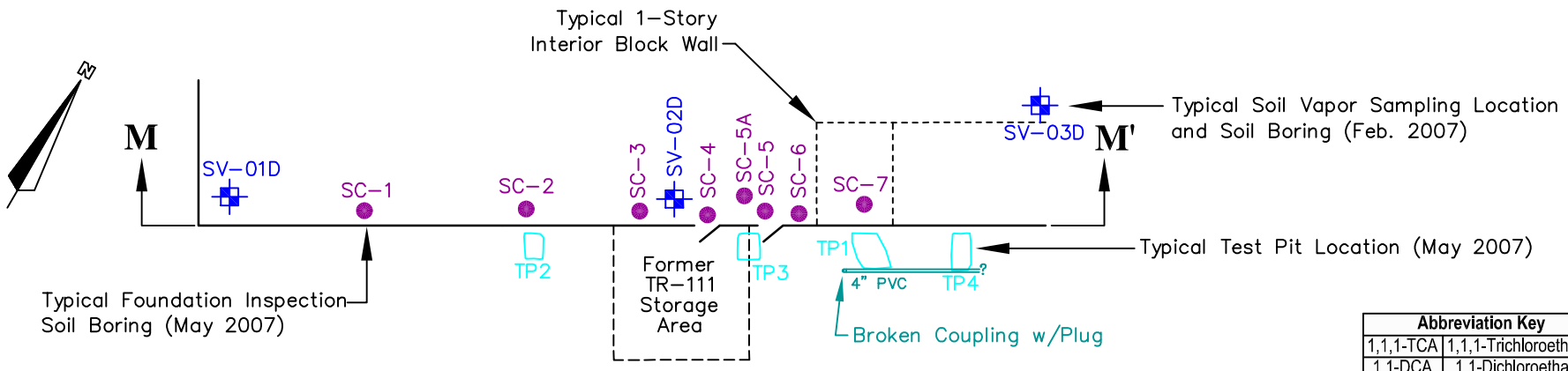


FIGURE 4-44: SOIL VOC RESULTS
PRE-MIP INVESTIGATION - FEBRUARY & MAY 2007
AVERY DENNISON FACILITY, FLOWERY BRANCH, GA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 1/31/08
Reviewed by: GAK Date: 3/3/08
Scale: 1"=50' Project: 1-0145-4



PLAN

Near the Southwest Corner of the Building

SCALE: As Shown

0 10 20
Scale in Feet

Abbreviation Key	
1,1,1-TCA	1,1,1-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCA	1,2-Dichloroethane
EB	Ethylbenzene
m&p-X	m&p-Xylene
o-X	o-Xylene
PCE	Tetrachloroethene
T	Toluene
TCE	Trichloroethene
ND	Not Detected above Laboratory PQL

Notes:
-An "E" following data indicates estimate
-Sample dates as shown, e.g. 2/07 = February 2007

M

South Southwest

	SC-2 1.9-2.2'	SC-2 3.4-3.7'	SC-2 4.1-4.6'
	5/07	5/07	5/07
1,1,1-TCA	730	8500	2100
1,1-DCE	42	110	190
T	22	120	130

	SV-2 2-2.5'	SV-2 11-11.5'
	2/07	2/07
1,1,1-TCA	420	240
1,1-DCA	15	70
1,1-DCE	34	200
T	82	28

	SC-5A 3.4-3.7'
	5/07
1,1,1-TCA	110
1,1-DCE	43
T	16

M'

North Northeast

	SC-7 2.2-2.5'	SC-7 3.4-3.7'	SC-7 7.1-7.4'
	5/07	5/07	5/07
1,1,1-TCA	490	7900	20000
1,1-DCA	ND	ND	25
1,1-DCE	82	420	860
m&p-X	ND	16	14
o-X	ND	7.3	4.6
T	9.1	1000	1900

Typical Soil Results (ug/Kg)

	SV-1 7.5-8'	SV-1 11.5-12'
	2/07	2/07
1,1,1-TCA	640 / E	630 / E
1,1-DCA	ND	48
1,1-DCE	720 / E	300
1,2-DCA	8.3	19
T	130	18

	SC-3 2.5-2.8'
	5/07
1,1,1-TCA	540
1,1-DCE	35
T	70

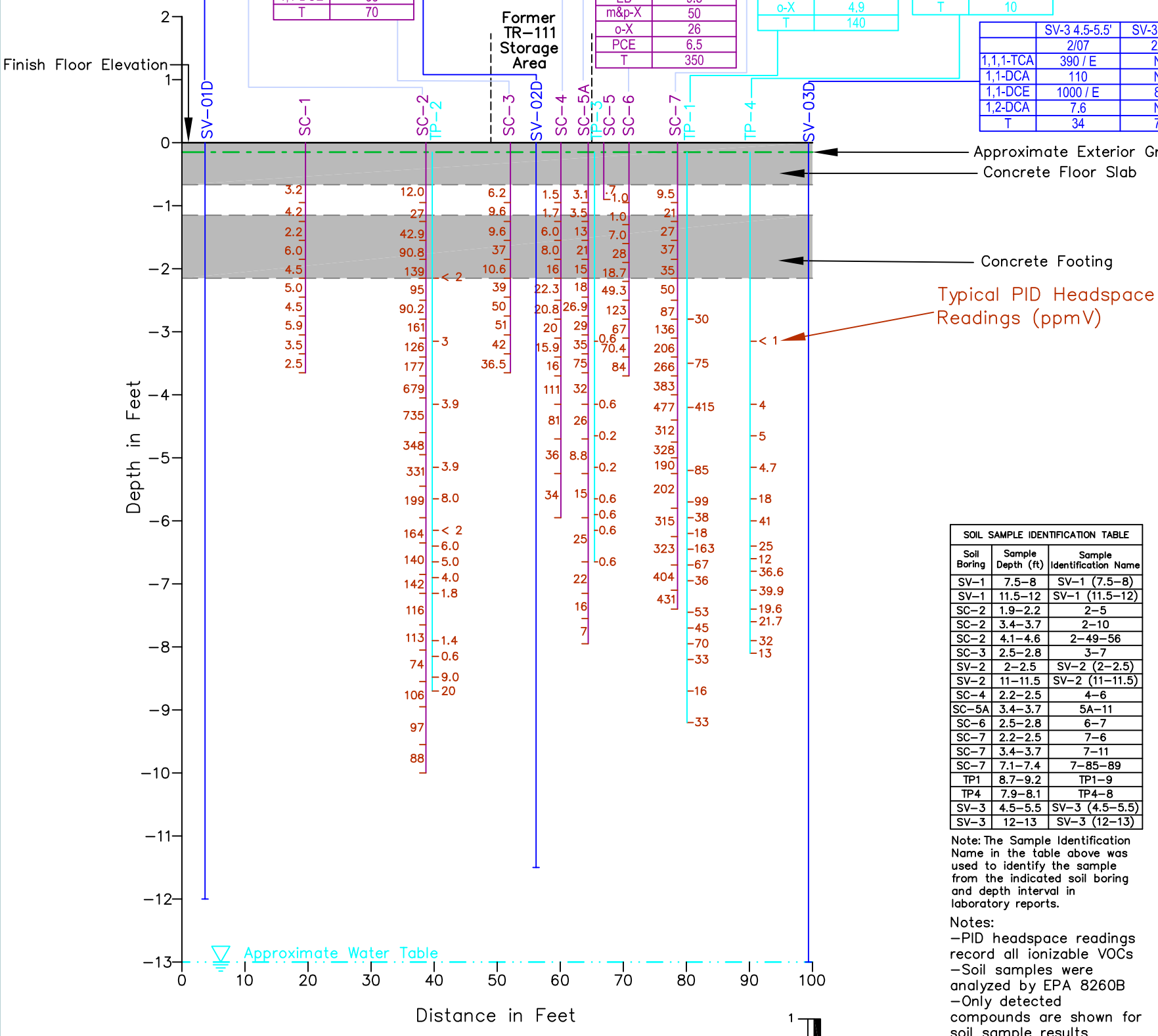
	SC-4 2.2-2.5'
	5/07
1,1,1-TCA	160

	SC-6 2.5-2.8'
	5/07
1,1,1-TCA	8300
1,1-DCE	21
EB	9.8
m&p-X	50
o-X	26
PCE	6.5
T	350

	TP1 8.7-9.2'
	5/07
1,1,1-TCA	560
1,1-DCA	13
1,1-DCE	96
o-X	4.9
T	140

	TP4 7.9-8.1'
	5/07
1,1,1-TCA	75
1,1-DCA	13
1,1-DCE	13
T	10

	SV-3 4.5-5.5'	SV-3 12-13'
	2/07	2/07
1,1,1-TCA	390 / E	ND
1,1-DCA	110	ND
1,1-DCE	1000 / E	8.3
1,2-DCA	7.6	ND
T	34	7.9



SOIL SAMPLE IDENTIFICATION TABLE		
Soil Boring	Sample Depth (ft)	Sample Identification Name
SV–1	7.5–8	SV–1 (7.5–8)
SV–1	11.5–12	SV–1 (11.5–12)
SC–2	1.9–2.2	2–5
SC–2	3.4–3.7	2–10
SC–2	4.1–4.6	2–49–56
SC–3	2.5–2.8	3–7
SV–2	2–2.5	SV–2 (2–2.5)
SV–2	11–11.5	SV–2 (11–11.5)
SC–4	2.2–2.5	4–6
SC–5A	3.4–3.7	5A–11
SC–6	2.5–2.8	6–7
SC–7	2.2–2.5	7–6
SC–7	3.4–3.7	7–11
SC–7	7.1–7.4	7–85–89
TP1	8.7–9.2	TP1–9
TP4	7.9–8.1	TP4–8
SV–3	4.5–5.5	SV–3 (4.5–5.5)
SV–3	12–13	SV–3 (12–13)

Note: The Sample Identification Name in the table above was used to identify the sample from the indicated soil boring and depth interval in laboratory reports.

Notes:
–PID headspace readings record all ionizable VOCs
–Soil samples were analyzed by EPA 8260B
–Only detected compounds are shown for soil sample results

PROFILE

A – A'

SCALE: As Shown, V.E.=10:1

Vert. (feet) 1 0
0 10
Horiz. (feet)

FIGURE 4-45: SOUTHERN SOURCE AREA
PRE-MIP INVESTIGATION - SOUTHERN FOUNDATION WALL
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

K:\1–0145–4\Cad\2010 CSR\Foundation.dwg

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK Date: 6/6/07
Reviewed by: GAK Date: 3/3/08
Scale: SHOWN Project: 1-0145-4

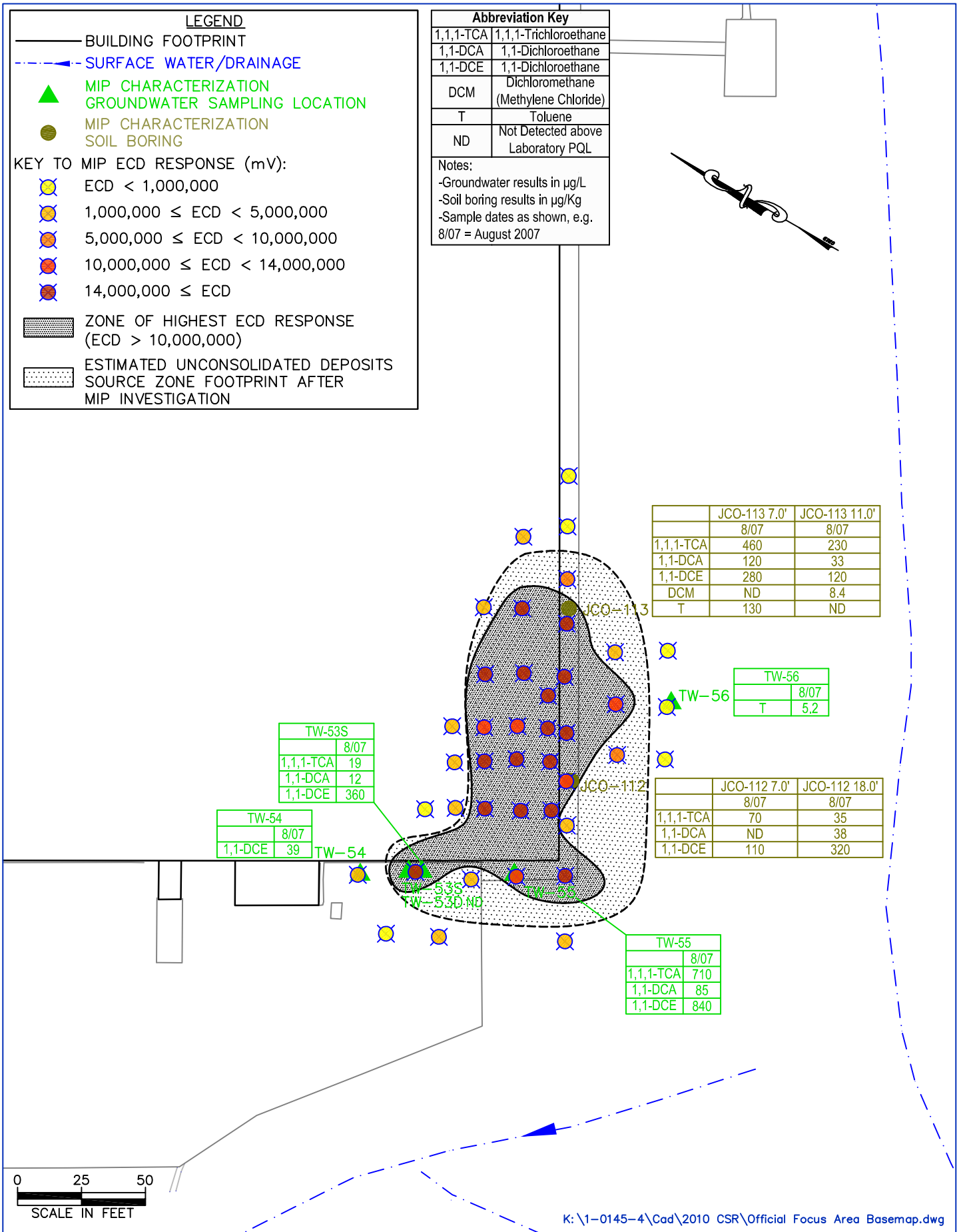


FIGURE 4-46: MIP INVESTIGATION RESULTS SOUTHERN SOURCE AREA AVERY DENNISON FACILITY, FLOWERY BRANCH, GA

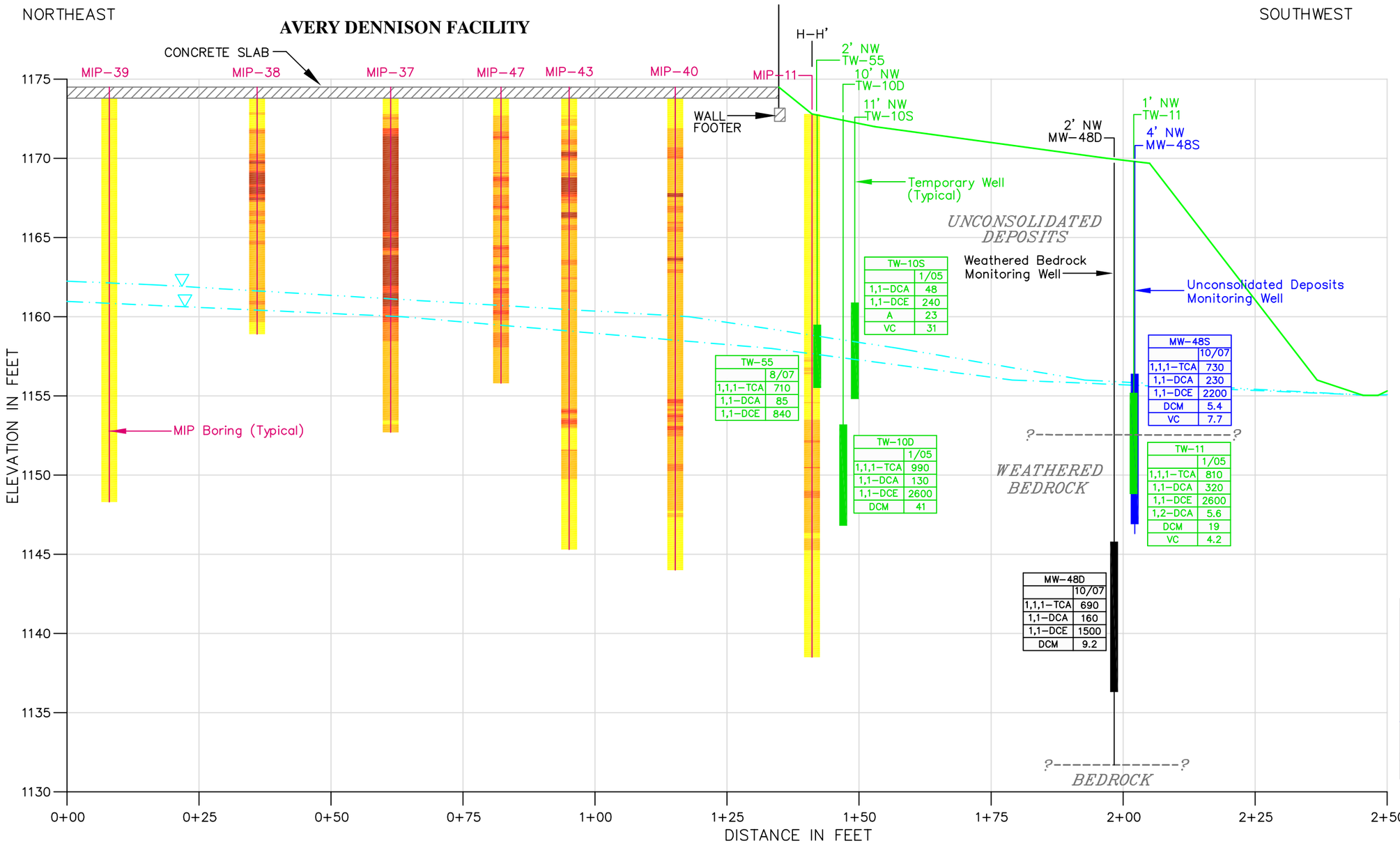
The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 1/31/08
Reviewed by: GAK Date: 3/3/08
Scale: 1"=50' Project: 1-0145-4

G NORTHEAST — **G'** SOUTHWEST

AVERY DENNISON FACILITY



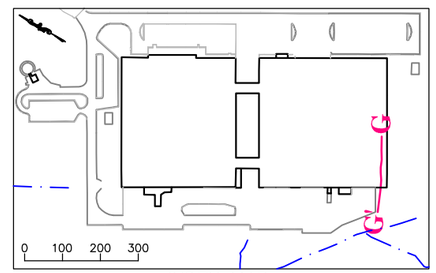
LEGEND

Sample ID: TW–10S; 1/05 — Date sampled
VOC abbr.: 1,1–DCA; 48 — VOC result
Approximate water table (high)
Appoximate water table (low)
Note: All groundwater results in ug/L.

Abbreviation Key	
1,1,1–TCA	1,1,1–Trichloroethane
1,1–DCA	1,1–Dichloroethane
1,1–DCE	1,1–Dichloroethene
1,2–DCA	1,2–Dichloroethane
A	Acetone
DCM	Dichloromethane (Methylene Chloride)
VC	Vinyl Chloride

KEY TO MIP ECD RESPONSE (mV)

- ECD < 1,000,000
- 1,000,000 ≤ ECD < 5,000,000
- 5,000,000 ≤ ECD < 10,000,000
- 10,000,000 ≤ ECD < 14,000,000
- 14,000,000 ≤ ECD



INDEX MAP

CROSS SECTION

SOUTHERN SOURCE AREA

SCALE: 1"=20' HOR.; 1"=6.67' VER.; V.E.= 3:1

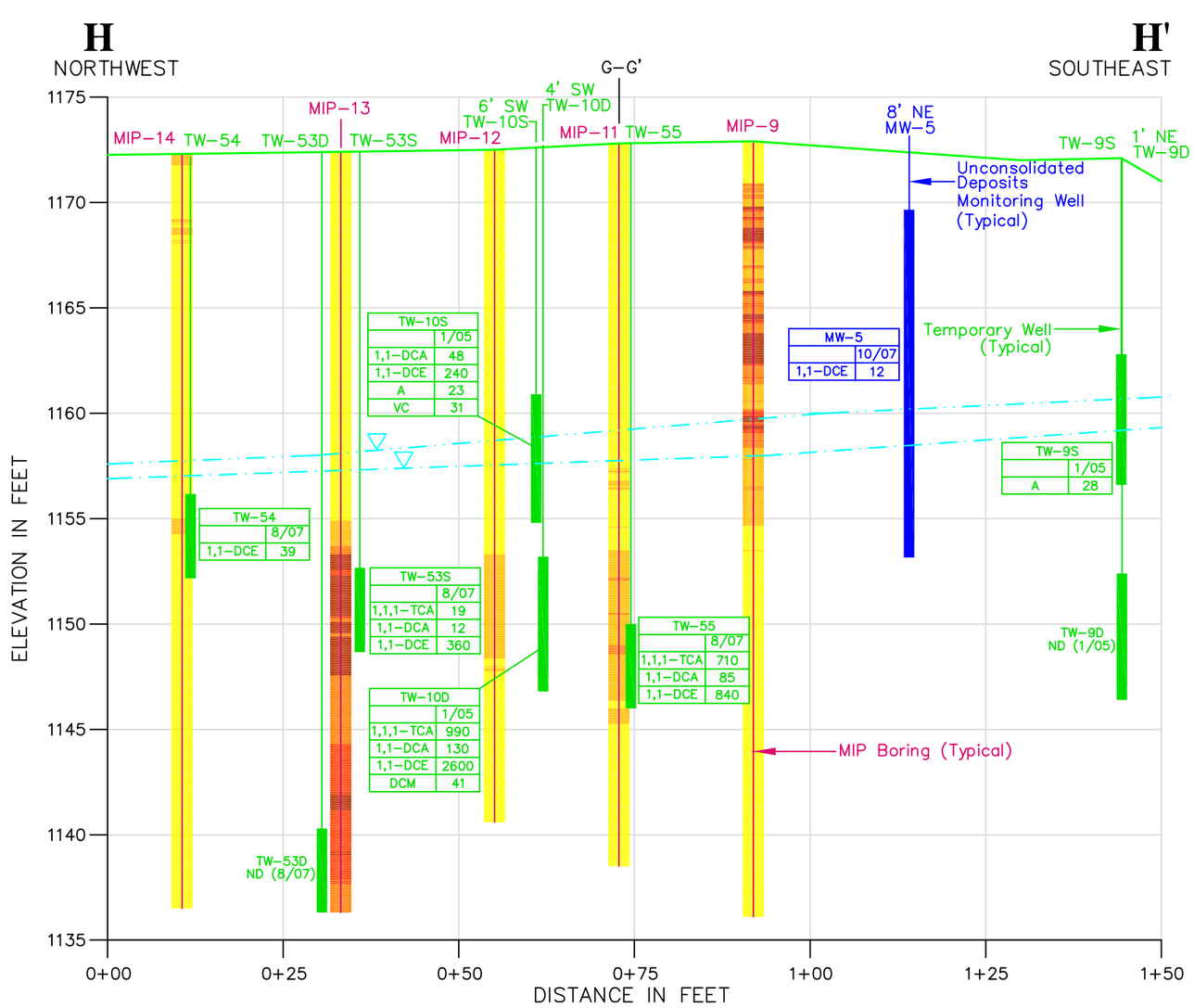
G
G'

K:\1–0145–4\Cad\2010 CSR\MIP Xsec G.dwg

FIGURE 4-47
MIP CROSS-SECTION G-G'
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

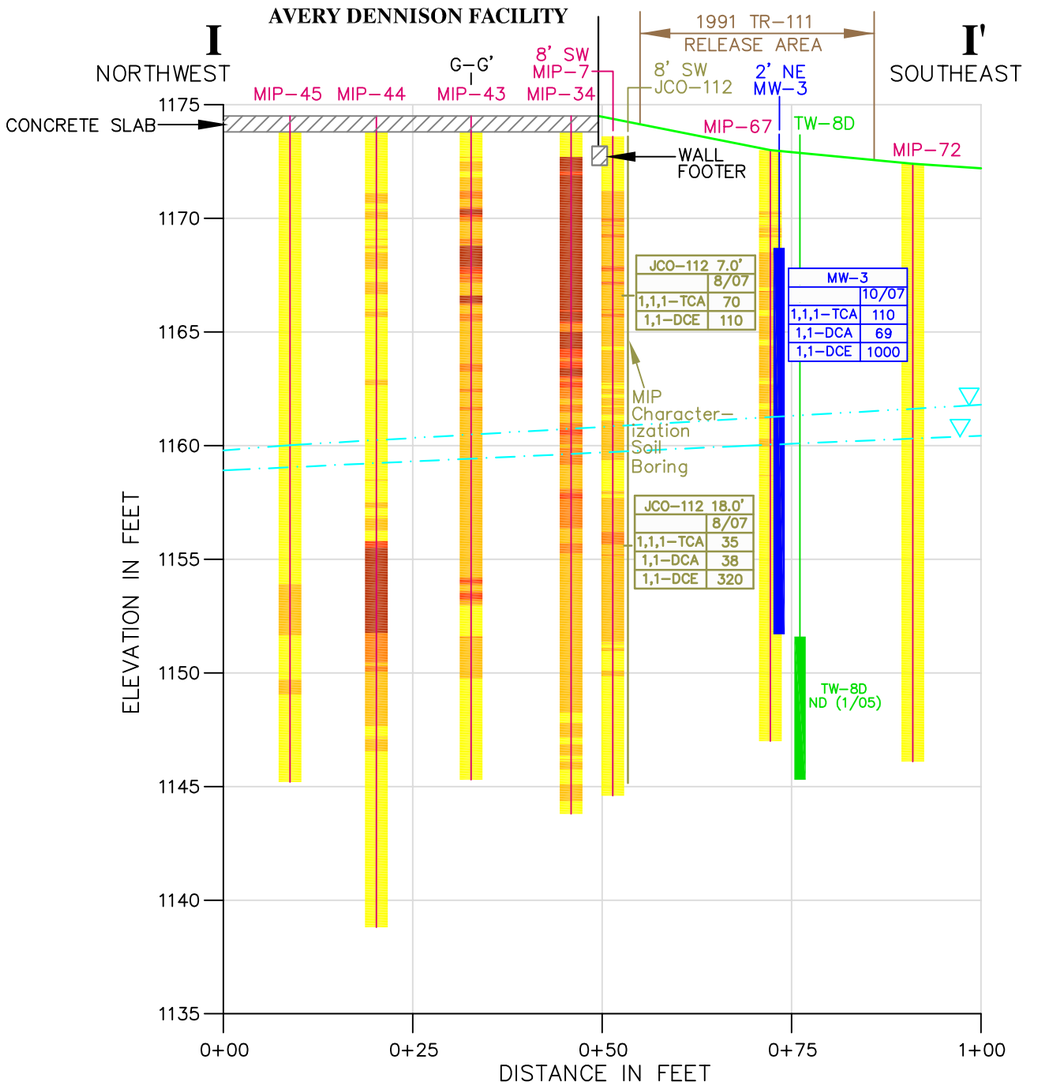
Drawn by: DWS Date: 2/4/08
Chk'd by: JSG Date: 2/5/08
App'd by: GAK Date: 3/3/08
Scale: SHOWN Project: 1-0145-4



CROSS SECTION — SOUTHERN SOURCE AREA

SCALE: 1"=20' HOR.; 1"=6.67' VER.; V.E.= 3:1

H — H'



CROSS SECTION — SOUTHERN SOURCE AREA

SCALE: 1"=20' HOR.; 1"=6.67' VER.; V.E.= 3:1

I — I'

LEGEND

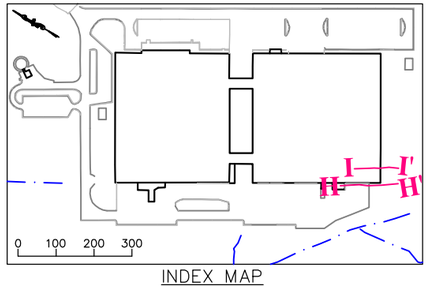
Sample ID: TW–54
VOC abbr.: 1,1–DCE 8/07 39 — Date sampled; VOC result
Approximate water table (high)
Appoximate water table (low)

Notes:
1. All groundwater results in ug/L
2. All soil results in ug/Kg

Abbreviation Key	
1,1,1–TCA	1,1,1–Trichloroethane
1,1–DCA	1,1–Dichloroethane
1,1–DCE	1,1–Dichloroethene
A	Acetone
DCM	Dichloromethane (Methylene Chloride)
VC	Vinyl Chloride
ND	Not Detected above Laboratory PQL

KEY TO MIP ECD RESPONSE (mV)

- ECD < 1,000,000
- 1,000,000 ≤ ECD < 5,000,000
- 5,000,000 ≤ ECD < 10,000,000
- 10,000,000 ≤ ECD < 14,000,000
- 14,000,000 ≤ ECD



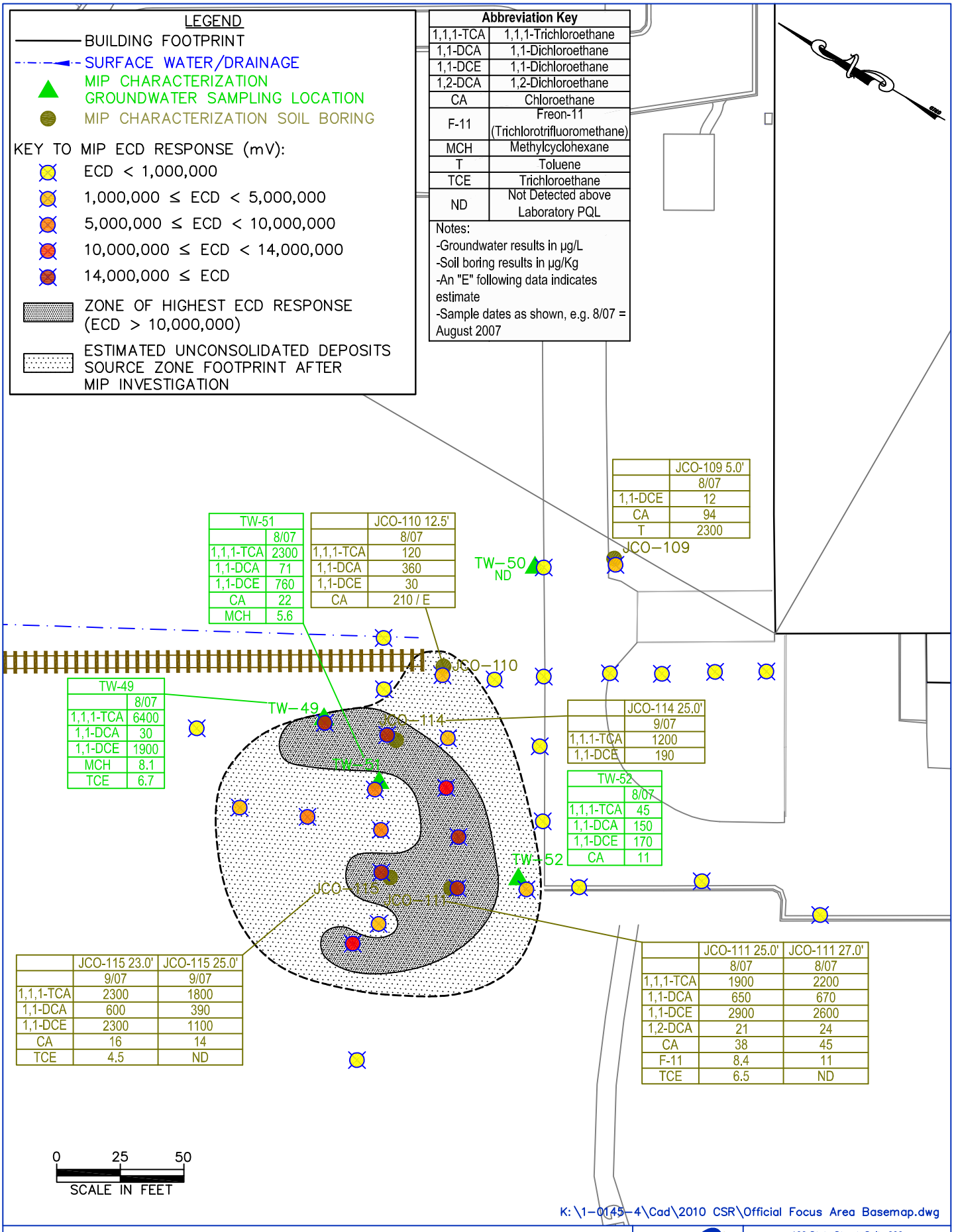
INDEX MAP

K:\1–0145–4\Cad\2010 CSR\MIP Xsec HI.dwg

FIGURE 4-48
MIP CROSS-SECTIONS H-H' & I-I'
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/4/08
Reviewed by: GAK Date: 3/3/08
Scale: SHOWN Project: 1-0145-4



K:\1-0145-4\Cad\2010 CSR\Official Focus Area Basemap.dwg

FIGURE 4-49: MIP INVESTIGATION RESULTS
WESTERN SOURCE AREA
AVERY DENNISON FACILITY, FLOWERY BRANCH, GA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

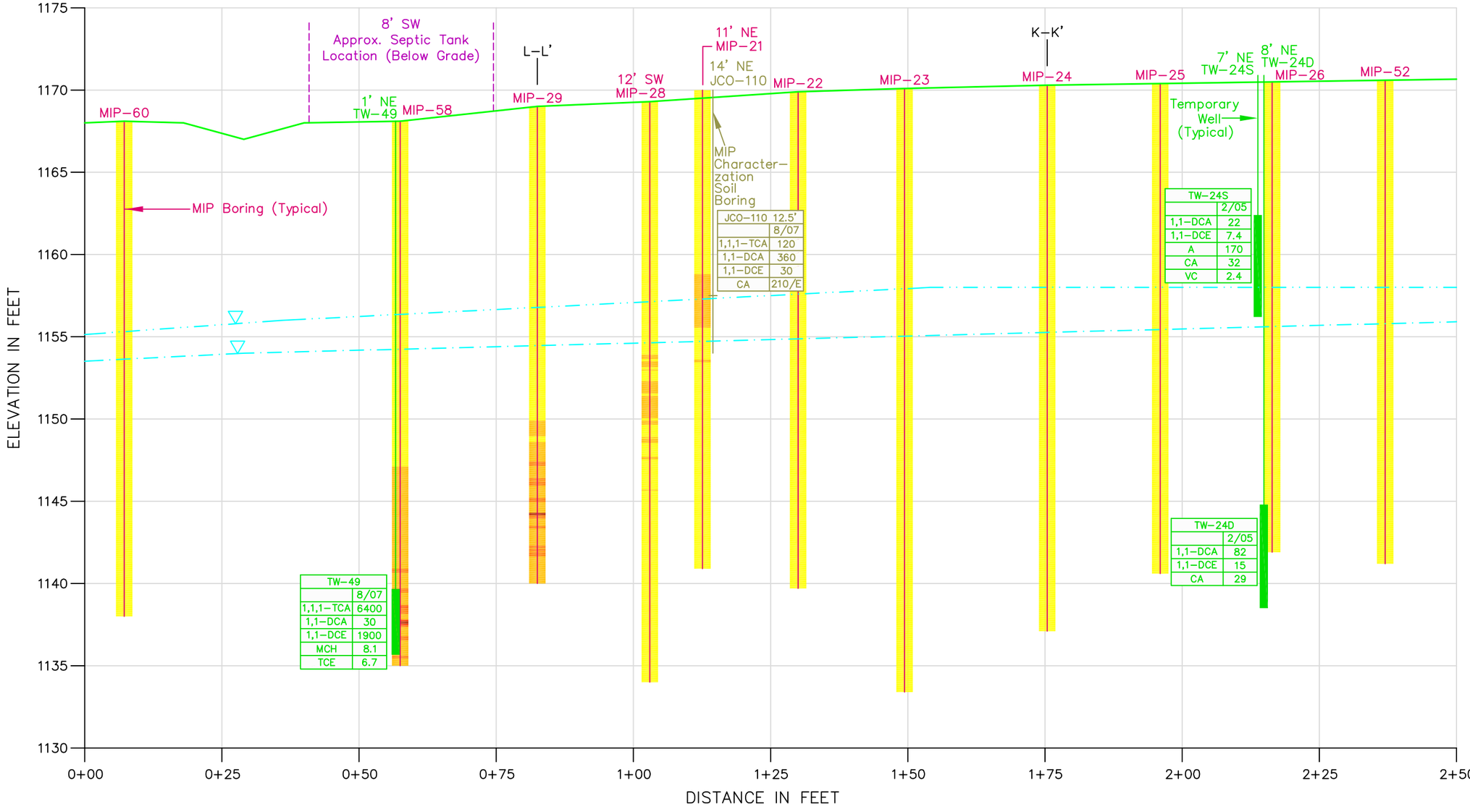
Drawn by: DWS Date: 1/31/08
Reviewed by: GAK Date: 3/3/08
Scale: 1"=50' Project: 1-0145-4

J

NORTHWEST

J'

SOUTHEAST



LEGEND

Sample ID: TW-24S
VOC abbr.: 1,1-DCA 22 (2/05)
Date sampled
VOC result

Approximate water table (high)

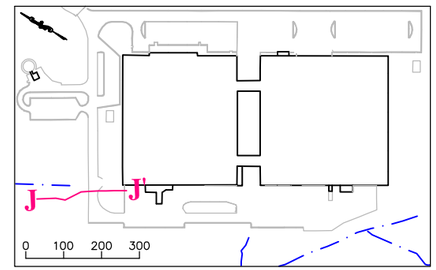
Appoximate water table (low)

Notes:
1. All groundwater results in ug/L
2. All soil results in ug/Kg

Abbreviation Key	
1,1,1-TCA	1,1,1-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
A	Acetone
CA	Chloroethane
MCH	Methylcyclohexane
TCE	Trichloroethene
VC	Vinyl Chloride
Note: An "E" following data indicates estimate	

KEY TO MIP ECD RESPONSE (mV)

- ECD < 1,000,000
- 1,000,000 ≤ ECD < 5,000,000
- 5,000,000 ≤ ECD < 10,000,000
- 10,000,000 ≤ ECD < 14,000,000
- 14,000,000 ≤ ECD



INDEX MAP

CROSS SECTION

WESTERN SOURCE AREA

SCALE: 1"=20' HOR.; 1"=6.67' VER.; V.E.= 3:1

J
J'

K:\1-0145-4\Cad\2010 CSR\MIP Xsec J.dwg

FIGURE 4-50
MIP CROSS-SECTION J-J'
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/4/08
Chk'd by: JSG Date: 2/5/08
App'd by: GAK Date: 3/3/08
Scale: SHOWN Project: 1-0145-4

K — EAST

K' — WEST

ELEVATION IN FEET

DISTANCE IN FEET

1175 1170 1165 1160 1155 1150 1145 1140 1135 1130 1125

0+00 0+25 0+50 0+75 1+00 1+25 1+50 1+75 2+00 2+25 2+75 3+00

1' N JCO-109 MIP-53

J-J'

MIP-24

Approx. Septic Pipe Location (Below Grade)

13' N MIP-57

MIP-56

8' S TW-52

13' S MIP-19

9' N JCO-111

3' S MW-36S

8' N MIP-18

1' N MW-36D

9' N TW-28D

11' N TW-28S

16' N MIP-55

18' N MIP-74

L-L'

3' S MW-57D

MIP-73

4' N MW-57I

MW-8

MW-59I

3' S MW-59D

MIP Characterization Soil Boring (Typical)

MIP Boring (Typical)

Temporary Well (Typical)

Unconsolidated Deposits Monitoring Well (Typical)

Weathered Bedrock Monitoring Well (Typical)

JCO-109 5.0'	
	8/07
1,1-DCE	12
CA	94
T	2300

JCO-111 25.0'	
	8/07
1,1,1-TCA	1900
1,1-DCA	650
1,1-DCE	2900
1,2-DCA	21
CA	38
F-11	8.4
TCE	6.5

JCO-111 27.0'	
	8/07
1,1,1-TCA	2200
1,1-DCA	670
1,1-DCE	2600
1,2-DCA	24
CA	38
F-11	11

TW-52	
	8/07
1,1,1-TCA	45
1,1-DCA	150
1,1-DCE	170
CA	11

TW-28S	
	2/05
1,1,1-TCA	82
1,1-DCA	1000
1,1-DCE	400
CA	240
VC	7.8

MW-36S	
	10/07
1,1-DCA	100
1,1-DCE	110
CA	67
VC	14

TW-28D	
	2/05
1,1,1-TCA	13000
1,1-DCA	2800
1,1-DCE	25000
1,2-DCA	83
CA	78
c1,2-DCE	8.9
DCM	27
F-11	34
m&p-X	150
MCH	8.7
o-X	17
PCE	9.2
T	16
TCE	58

MW-36D	
	10/07
1,1,1-TCA	2400
1,1-DCA	660
1,1-DCE	3200
CA	17
TCE	5.5

MW-8 ND (10/07)

MW-57I	
	10/07
1,1,1-TCA	33
1,1-DCA	5.8
1,1-DCE	61

MW-59I ND (10/07)

1125.4'-1113.7' (Screen Elevation)

MW-57D	
	10/07
1,1,1-TCA	9600
1,1-DCA	260
1,1-DCE	16000
1,2-DCA	36
F-11	19
MCH	11
PCE	11
TCE	39

MW-59D	
	10/07
1,1,1-TCA	92
1,1-DCA	190
1,1-DCE	5.2
1,4-DCB	5.3

1122.1'-1112.6' (Screen Elevation)

— 1120 —

Abbreviation Key	
1,1,1-TCA	1,1,1-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCA	1,2-Dichloroethane
1,4-DCB	1,4-Dichlorobenzene
CA	Chloroethane
c1,2-DCE	cis-1,2-Dichloroethene
DCM	Dichloromethane (Methylene Chloride)
F-11	Freon-11 (Trichlorofluoromethane)
m&p-X	m&p-Xylene
MCH	Methylcyclohexane
o-X	o-Xylene
PCE	Tetrachloroethene
T	Toluene
TCE	Trichloroethene
VC	Vinyl Chloride
ND	Not Detected above Laboratory PQL

LEGEND

Sample ID: TW-52

VOC abbr.: 1,1,1-TCA 8/07 45 — Date sampled, VOC result

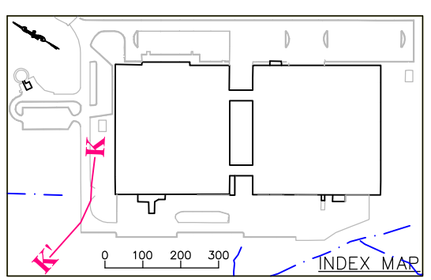
Approximate water table (high)

Appoximate water table (low)

Notes:
1. All groundwater results in ug/L
2. All soil results in ug/Kg

KEY TO MIP ECD RESPONSE (mV)

- ECD < 1,000,000
- 1,000,000 ≤ ECD < 5,000,000
- 5,000,000 ≤ ECD < 10,000,000
- 10,000,000 ≤ ECD < 14,000,000
- 14,000,000 ≤ ECD



CROSS SECTION

WESTERN SOURCE AREA

SCALE: 1"=20' HOR.; 1"=6.67' VER.; V.E.= 3:1

K K'

FIGURE 4-51
MIP CROSS-SECTION K-K'
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/5/08
Chk'd by: JSG Date: 2/5/08
App'd by: GAK Date: 3/3/08
Scale: SHOWN Project: 1-0145-4

K:\1-0145-4\Cad\2010 CSR\MIP Xsec K.dwg

L — NORTHEAST

L' — SOUTHWEST

ELEVATION IN FEET

DISTANCE IN FEET

MIP-75 | MIP-29 | J–J' | Approximate Septic Tank Location (Below Grade) | JCO-114 1' SE | TW-51 | MIP-30 | MIP-31 | JCO-115 | MIP-17 | MIP-55 | MIP-74 | 2' NW MW-8 | 10' NW MW-57I | K–K' | 4' NW MW-57D | MIP-73 | MW-51D | BR-20 1' SE

Temporary Well

Unconsolidated Deposits Monitoring Well

MIP Boring (Typical)

MW-8 ND

UNCONSOLIDATED DEPOSITS

Bedrock Monitoring Well

WEATHERED BEDROCK

WEATHERED BEDROCK

Weathered Bedrock Monitoring Well (Typical)

MIP Characterization Soil Boring (Typical)

COMPETENT BEDROCK

1087.8'–1077.9' (Screen Elevation)

JCO-114 25.0'	
	9/07
1,1,1-TCA	1200
1,1-DCE	190

TW-51	
	8/07
1,1,1-TCA	2300
1,1-DCA	71
1,1-DCE	760
CA	22
MCH	5.6

JCO-115 23.0'	
	9/07
1,1,1-TCA	2300
1,1-DCA	600
1,1-DCE	2300
CA	16
TCE	4.5

JCO-115 25.0'	
	9/07
1,1,1-TCA	1800
1,1-DCA	390
1,1-DCE	1100
CA	14

MW-57I	
	10/07
1,1,1-TCA	33
1,1-DCA	5.8
1,1-DCE	61

MW-57D	
	10/07
1,1,1-TCA	9600
1,1-DCA	260
1,1-DCE	16000
1,2-DCA	36
F-11	19
MCH	11
PCE	11
TCE	39

MW-51D	
	10/07
1,1-DCA	18
1,4-DCB	6.8

BR-20	
	10/07
1,1,1-TCA	160
1,1-DCA	440
1,1-DCE	2800
TCE	5.2
VC	5.6

LEGEND

Sample ID: TW-51

VOC abbr.: 1,1,1-TCA | 8/07 Date sampled | 710 VOC result

Approximate water table (high)

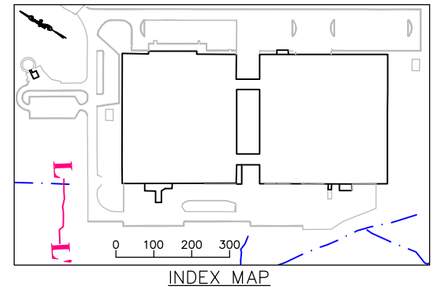
Appoximate water table (low)

Notes:
1. All groundwater results in ug/L
2. All soil results in ug/Kg

Abbreviation Key	
1,1,1-TCA	1,1,1-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCA	1,2-Dichloroethane
1,4-DCB	1,4-Dichlorobenzene
CA	Chloroethane
F-11	Freon-11 (Trichlorofluoromethane)
MCH	Methylcyclohexane
PCE	Tetrachloroethene
TCE	Trichloroethene
VC	Vinyl Chloride
ND	Not Detected above Laboratory PQL

KEY TO MIP ECD RESPONSE (mV)

- ECD < 1,000,000
- 1,000,000 ≤ ECD < 5,000,000
- 5,000,000 ≤ ECD < 10,000,000
- 10,000,000 ≤ ECD < 14,000,000
- 14,000,000 ≤ ECD



INDEX MAP

CROSS SECTION

WESTERN SOURCE AREA

L / L'

SCALE: 1"=20' HOR.; 1"=6.67' VER.; V.E.= 3:1

K:\1-0145-4\Cad\2010 CSR\MIP Xsec L.dwg

FIGURE 4-52
MIP CROSS-SECTION L-L'
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: DWS Date: 2/4/08
Chk'd by: JSG Date: 2/5/08
App'd by: GAK Date: 3/3/08
Scale: SHOWN Project: 1-0145-4

APPENDIX C

AVERY DENNISON RESPONSE TO JUNE 30, 2011 COMMENTS BY GAEPD REGARDING MARCH 2010 COMPLIANCE STATUS REPORT, INCLUDING UPDATED RISK REDUCTION STANDARDS

The Johnson Company ENVIRONMENTAL SCIENCE AND ENGINEERING SOLUTIONS

ph (802) 229-4600
fax (802) 229-5876
100 State Street, Suite 600
Montpelier, VT 05602
www.johnsonco.com

November 23, 2011

VIA CERTIFIED MAIL

Mr. David Brownlee
Unit Coordinator
Response and Remediation Program
Environmental Protection Division
Georgia Department of Natural Resources
2 Martin Luther King, Jr. Drive
Suite 1462, East Tower
Atlanta, GA 30334-9000

Re: Responses to EPD June 30, 2011 Comments on March 2010 Compliance Status Report for the Avery Dennison Site – Flowery Branch, GA - HSI #10578

Mr. Brownlee:

On behalf of Avery Dennison, and as requested by the Environmental Protection Division (EPD) in its June 30, 2011 correspondence providing comments on the March 2010 Compliance Status Report (CSR) for the above-referenced site, enclosed are responses to the EPD comments.

If you have any questions regarding the enclosed responses to comments, please do not hesitate to contact Bruce Martin, Manager of Remediation Services for Avery Dennison, at (508)383-3010.

Sincerely,

THE JOHNSON COMPANY, INC.
By:

Glen A. Kirkpatrick
Vice President

cc: Bruce Martin, Manager, Remediation Services – Global Risk, Avery Dennison
Joel Behrsing, P.E., The Johnson Company

Attachment

Responses to EPD June 30, 2011 Comments on March 2010 Compliance Status Report (CSR) for the Avery Dennison Site – Flowery Branch, GA – HSI #10578

EPD comments are shown in black normal font.

Avery Dennison responses are shown in blue italics font.

Groundwater Characterization

1) The March 2010 CSR data confirmed that 1,4-dioxane is present in the groundwater at the site above the proposed Type 3/4 RRS at monitoring wells MW-64, MW-65S. Therefore, please include the 1,4-dioxane analysis during all future monitoring events for an appropriate number of monitoring wells located in and downgradient of the southern source area and western source area. In addition, please ensure that the detection limit for this analysis is set below the Type 3/4 RRS. [Section 391-3-19-.06(3)(b)(3)]

Avery Dennison Response:

1,4-dioxane will be included as an analyte in all future monitoring events for an appropriate number of monitoring wells located in and downgradient of the Southern Source Area and Western Source Area. The laboratory detection limit will be set below the Type 3/4 RRS for 1,4-dioxane, as revised per EPD Comments 5-11.

2) During the October 2009 sampling event, the surface water location SW-0 contained a concentration of 1,1-DCE (3.6 ppb) which is above the in-stream water quality standard (ISWQS) of 3.2 ppb. Please confirm the extent of the non-detect boundary by including an additional surface water sample collected from a location downstream of the SW-0 sampling location and distanced such that the sample is unaffected by any disturbance created from the railroad drainage culvert. In addition, EPD recommends that all reasonable efforts be made in order to collect future surface water samples during low flow periods (i.e., not following a precipitation event) in order to get a more representative sample of the transition zone between groundwater and surface water. [Section 391-3-19-.06(3)(b)(3)]

Avery Dennison Response:

Avery Dennison performed surface water sampling at six locations downstream of SW-0 in February 2011 following a period of four days with no measurable precipitation. Results were provided to EPD in tabular form in May 2011.

Georgia Rule 391-3-6-.03 (the Rule), as amended on January 29, 2009, provides an updated ISWQS for 1,1-DCE of 7,100 µg/L. As a result of the amended Rule, ISWQS are no longer exceeded at the Site for any of the Site constituents. In fact, the maximum concentration of 1,1-DCE in Site surface water in February 2011 was 9 µg/L, nearly three orders of magnitude below the ISWQS.

3) According to the results collected from the new 2009 monitoring well locations in the southern source area, 1,1-DCE (MW-63-65S & MW-3) and 1,4-dioxane (MW-64 & -65S) concentrations were above the proposed Type 1-4 RRS. Based on this new data, it appears that data gaps still exist for the COCs in groundwater that prevent the accurate characterization of the groundwater plume and do not allow for a clear determination of the extent of compliance and noncompliance groundwater zones. Therefore, please install additional monitoring locations inside the building north/northeast of MW-63 and MW-64 to address these concerns. To assist in consolidating activities onsite, the additional monitoring well installations may be incorporated into the design plans and implementation activities associated with the Multi-Phase Extraction corrective action that is planned for this area.

Avery Dennison Response:

Avery Dennison is presently negotiating with the City of Flowery Branch Publicly Owned Treatment Works (POTW) for permission to discharge the treated effluent that will result from implementation of Multi-Phase Extraction (MPE) as a remedy in the Southern Source Area. While Avery Dennison awaits approval from the POTW, Avery Dennison has already and proactively installed 11 extraction wells that will become part of the MPE system. Three of the 11 extraction wells are located northeast of MW-63 and MW-64 and will be monitored during the MPE implementation; thus, the EPD comment has already been satisfied.

4) The March 2010 CSR indicates that the tetrachloroethene (PCE) detected above Type 3/4 risk reduction standards (RRS) at monitoring location MW-39S is attributed to on-site migration from an off-site source located on the upgradient Baldor property. Regarding this exceedance, EPD will issue the upgradient Baldor property a "Release Notification" call-in letter requesting the investigation and submittal of additional site data related to the potential release to groundwater on the western boundary of their property.

Avery Dennison Response:

Avery Dennison acknowledges that EPD will issue a Release Notification Call-In letter to the upgradient property.

Risk Reduction Standards

5) Toxicity Values: It was noted that the RSL Table 1 was used to obtain toxicity values for all regulated substances. However, this table is updated biyearly and the latest update was performed on June 2011. Based on the current RSL table, the toxicity factors of many of the substances are incorrect. Please revise the toxicity values for the following substances based on the most current version of the RSL table: 1,2-Dichloroethane, 1,1,2-Trichloroethane, 1,4- Dioxane, cis-1,2 Dichloroethane, Methylene Chloride, Trichloroethene (TCE), Arsenic, Chromium, Carbon Tetrachloride, and 1,4-Dichlorobenzene. Please update Table 7-2. Please note that the RAGS equation 1, 2, 6, and 7 values will need to be revised for these substances.

Avery Dennison Response:

Table 7-2 in the 2010 CSR was developed using the RSLT values that were current at the time. Since the values are updated every six months, and since the period for EPD review of submissions can be significant (greater than 12 months for the 2010 CSR), Avery Dennison observes that, absent a process for finalizing the RSL table, it could become the subject of an endless loop of revisions. That said, an updated Table 7-2 is attached. It is based on June 2011 toxicity values and chemical-specific parameters.

6) Chemical Specific Parameters: In Table 7-2, the Koc values of all the substances are incorrect. The Henry's law constant for Acetone, trans-1,2-Dichloroethene, Xylenes are incorrect. Please revise based on the chemical specific parameters provided in the most current RSL table. Please update Table 7-2 and make necessary changes to the leachability calculations for Soil Type 2 and 4 RRS.

Avery Dennison Response:

See response to EPD Comment #5. A revised version of Table 7-2 is attached.

7) Table 7-3 (Groundwater RRS):

i. The Type 1 and 3 groundwater RRS- The Type I and 3 groundwater RRS for cis-1,2-Dichloroethylene is 0.07 mg/L, based on the revised Appendix III Table I value of the Rules. In addition, the groundwater Type 1 and 3 RRS for Chloroform and Arsenic are incorrect. The correct values are 0.08 mg/L and 0.01 mg/L respectively. Please revise.

Avery Dennison Response:

See response to EPD Comment #5. A revised version of Table 7-3 is attached.

ii. The Type 2 groundwater RRS values are incorrect for 1,1- Dichloroethane, 1,1,2-Trichloroethane, 1,4-Dioxane, cis-1,2-Dichloroethane, Ethylbenzene, Methylene Chloride, PCE, TCE, Arsenic and Carbon Tetrachloride, 1,4-Dichlorobenzene and Selenium. Please revise based on the correct toxicity values or the correct receptor (i.e., the lower of the adult or child receptor value).

Avery Dennison Response:

See response to EPD Comment #5. A revised version of Table 7-3 is attached.

iii. The Type 4 groundwater RRS values are incorrect for 1,2-Dichloroethane, 1,1,2-Trichloroethane, 1,4-Dioxane, cis-1,2-Dichloroethane, TCE, Barium, Carbon Tetrachloride, 1,4-Dichlorobenzene and Selenium. Please revise based on the correct toxicity values.

Avery Dennison Response:

See response to EPD Comment #5. A revised version of Table 7-3 is attached.

8) Table 7-4: It is unclear how the leachate values in Table 7-4 were derived. Please explain. It should be noted that for Type I RRS, all leachability values must be analytically derived, and not

calculated using an approved groundwater model (see section 391-3-19-.07(6)(c) of the Rules). Please revise the Type I RRS for Chloroethane, which was based on leachability. The soil Type I RRS for cis-1,2-Dichloroethane should be 7 mg/kg, based on the '100 x App III' value (see comment 7 above). The Type I RRS for Fluorotrichloromethane, Vinyl Chloride, Carbon Tetrachloride, and 1,4-Dichlorobenzene are incorrect due to incorrect RAGS equation values. Please revise based on the '100 x App III' value.

Avery Dennison Response:

Table 7-4 has been revised to omit leachate values from consideration. The Type 1 RRS for chloroethane has therefore been revised. The Type 1 RRS for cis-1,2-dichloroethane, fluorotrichloromethane, vinyl chloride, carbon tetrachloride, and 1,4-dichlorobenzene have also been revised as requested.

9) Table 7-5: Please revise the RAGS equation 6 and 7 values based on the correct toxicity factors (see comment 5) and adjust the 'selected groundwater RRS' values based on the correct groundwater value, if necessary (see comment 7(ii)). The K4 values will need to be revised based on the correct Koc values (see comment 6) and leachability values recalculated. In particular, please ensure that the Type 2 value for 1,4-Dioxane, along with all other Type 2 values, is based on the lower of the leachability or human-health based value.

Avery Dennison Response:

See response to Comment #5. A revised version of Table 7-5 is attached.

10) Table 7-6: It is unclear how the leachate values in Tables 7-4 and 7-6 were derived. Please explain. It should be noted that for Type 3 RRS, all leachability values must be analytically derived, and not calculated using an approved groundwater model (see section 391-3-19-.07(7)(c) of the Rules). Please revise the Type 3 RRS for Chloroethane, cis-1,2-Dichloroethane, and Barium which were based on leachability.

Avery Dennison Response:

Leachate values have been removed from consideration for determining Type 1 and Type 3 RRS, and thus Tables 7-4 and 7-6 have been revised.

11) Table 7-7: It is unclear how the Type 4 RRS for 1,4-Dioxane was derived. Please explain or revise the value based on the lower of the leachability or human-health based value. Please adjust the 'selected groundwater RRS' value in Table 7-7 for soil leachability, if necessary (see comment 7(iii)).

Avery Dennison Response:

The Type 4 RRS for 1,4-Dioxane is based on leachability and has a value 0.29 mg/kg.

Screening Level Ecological Risk Assessment (SLERA)

12) Table 4: The screening criteria for 1,1-Dichloroethane and 1,1-Dichloroethene are reversed. The values should be 47 µg/L for 1,1-Dichloroethane and 25 µg/L for 1,1-Dichloroethene. Subsequently, 1,1-Dichloroethene is a COPEC in surface water. Please revise the table.

Avery Dennison Response:

A revised version of Table 4 is attached.

13) Table 5: The Dutch Target and Intervention Levels are screening values for soil not sediment. Additionally, EPD was not able to verify the Dutch Intervention Levels for 1,1,1-Trichloroethane, I,1-Dichloroethane and I,1-Dichloroethene. Please re-screen using appropriate sediment screening values and revise the table as necessary.

Avery Dennison Response:

The Dutch Target Levels shown in Table 5 are indeed screening values for sediment, as obtained from:

Buchman, M. F., 2008. NOAA Screening Quick Reference Tables, NOAA OR&R Report 08-1, Seattle, WA, Office of Response and Restoration Division, National Oceanic and Atmospheric Administration, 34 pages., which is available at http://response.restoration.noaa.gov/book_shelf/122_NEW-SQuiRTs.pdf.

A revision of Table 5 is therefore not necessary.

14) Table 7: The screening criteria for 1,1-Dichloroethane and 1,1-Dichloroethene are reversed. The values should be 47 µg/L for 1,1-Dichloroethane and 25 µg/L for 1,1-Dichloroethene. Please revise the table.

Avery Dennison Response:

A revised version of Table 7 is attached.

15) Table 8: The screening criteria for 1,1-Dichloroethane and 1,1-Dichloroethene are reversed. The values should be 47µg/L for 1,1-Dichloroethane and 25 µg/L for 1,1-Dichloroethene. Please revise the table.

Avery Dennison Response:

A revised version of Table 8 is attached.

16) Table 9: The value under the column titled "10% of the Mean as a Transition Zone Cone." is actually 10% of the 95% UCL. Please clarify.

Avery Dennison Response:

A revised version of Table 9 is attached.

Based on the review of the March 2010 CSR and associated May 27, 2010, "Response to EPD January23, 2009, with the exception of the above listed comments, EPD's previous comments have been adequately addressed.

Avery Dennison Response:

Avery Dennison appreciates EPD's acknowledgement that, with the exception of the listed comments, EPD's previous comments have been adequately addressed.

Table 7-2

Risk Reduction Standards – Chemical Specific Data for Risk Assessment
October 2011 – Avery Dennison Site, Flowery Branch, GA HSI #10578

HSRA Name (unitless)	CAS No. (unitless)	Sfo (mg/kg-day)$^{-1}$	Ref	Sfi (mg/kg-day)$^{-1}$	Ref	RfDo (mg/kg-day)	Ref	RfDi (mg/kg-day)	Ref	Air Diffusivity (cm2/s)	Water Diffusivity (cm2/s)	Koc (L/kg)	Kd (L/kg)	Henry's Law Coeff (unitless)
2-Butanone (MEK)	78-93-3	NA		NA		6.E-01	I	1.4E+00	I	9.1E-02	1.0E-05	4.51E+00	9.02E-03	2.3E-03
1,1-Dichloroethane	75-34-3	5.7E-03	C	5.6E-03	C	2.E-01	P	NA		8.4E-02	1.1E-05	3.18E+01	6.36E-02	2.3E-01
1,1-Dichloroethene	75-35-4	NA		NA		5.E-02	I	5.7E-02	I	8.6E-02	1.1E-05	3.18E+01	6.36E-02	1.1E+00
1,2-Dichloroethane	107-06-2	9.1E-02	I	9.1E-02	I	6.E-03	X	2.0E-03	P	8.6E-02	1.1E-05	3.96E+01	7.92E-02	4.8E-02
1,1,1-Trichloroethane	71-55-6	NA		NA		2.E+00	I	1.4E+00	I	6.5E-02	9.6E-06	4.39E+01	8.78E-02	7.0E-01
1,1,2-Trichloroethane	79-00-5	5.7E-02	I	5.6E-02	I	4.E-03	I	5.7E-05	X	6.7E-02	1.0E-05	6.07E+01	1.21E-01	3.4E-02
1,4-Dioxane	123-91-1	1.0E-01	I	2.7E-02	C	3.E-02	I	8.6E-01	C	8.7E-02	1.1E-05	2.63E+00	5.27E-03	2.0E-04
Acetone	67-64-1	NA		NA		9.E-01	I	8.9E+00	A	1.1E-01	1.2E-05	2.36E+00	4.73E-03	1.4E-03
Carbon disulfide	75-15-0	NA		NA		1.E-01	I	2.0E-01	I	1.1E-01	1.3E-05	2.17E+01	4.35E-02	5.9E-01
Chloroethane	75-00-3	NA		NA		NA		2.9E+00	I	1.0E-01	1.2E-05	2.17E+01	4.35E-02	4.5E-01
Chloroform	67-66-3	3.1E-02	C	8.1E-02	I	1.E-02	I	2.8E-02	A	7.7E-02	1.1E-05	3.18E+01	6.36E-02	1.5E-01
cis-1,2-Dichloroethene	156-59-2	NA		NA		2.E-03	I	NA		8.8E-02	1.1E-05	3.96E+01	7.92E-02	1.7E-01
Ethylbenzene	100-41-4	1.1E-02	C	8.8E-03	C	1.E-01	I	2.9E-01	I	6.8E-02	8.5E-06	4.46E+02	8.92E-01	3.2E-01
Methylene chloride	75-09-2	7.5E-03	I	1.6E-03	I	6.E-02	I	2.9E-01	A	1.0E-01	1.3E-05	2.17E+01	4.35E-02	1.3E-01
Styrene	100-42-5	NA		NA		2.E-01	I	2.9E-01	I	7.1E-02	8.8E-06	4.46E+02	8.92E-01	1.1E-01
Tetrachloroethene	127-18-4	5.4E-01	C	2.1E-02	C	1.E-02	I	7.7E-02	A	5.0E-02	9.5E-06	9.49E+01	1.90E-01	7.2E-01
Toluene	108-88-3	NA		NA		8.E-02	I	1.4E+00	I	7.8E-02	9.2E-06	2.34E+02	4.68E-01	2.7E-01
trans-1,2-Dichloroethene	156-60-5	NA		NA		2.E-02	I	1.7E-02	P	8.8E-02	1.1E-05	3.96E+01	7.92E-02	1.7E-01
Trichloroethene	79-01-6	5.9E-03	C	7.0E-03	C	NA		2.9E-03	Y	6.9E-02	1.0E-05	6.07E+01	1.21E-01	4.0E-01
Xylene, Mixture	1330-20-7	NA		NA		2.E-01	I	2.9E-02	I	8.5E-02	9.9E-06	3.83E+02	7.66E-01	2.1E-01
Arsenic	7440-38-2	1.5E+00	I	1.5E+01	I	3.E-04	I	4.3E-06	C				2.90E+01	
Barium,	7440-39-3	NA		NA		2.E-01	I	1.4E-04	H				4.10E+01	
Chromium(III)	16065-83-1	NA		NA		2.E+00	I	NA					1.80E+06	
Chromium(VI)	18540-29-9	5.0E-01	J	2.9E+02	S	3.E-03	I	2.9E-05	I				1.80E+06	
Fluorotrichloromethane	75-69-4	NA		NA		3.E-01	I	2.0E-01	H	6.5E-02	1.0E-05	4.39E+01	8.78E-02	4.0E+00
Vinyl chloride	75-01-4	7.2E-01	I	1.5E-02	I	3.E-03	I	2.9E-02	I	1.1E-01	1.2E-05	2.17E+01	4.35E-02	1.1E+00
Carbon tetrachloride	56-23-5	7.0E-02	I	2.1E-02	I	4.E-03	I	2.9E-02	I	5.7E-02	9.8E-06	4.39E+01	8.78E-02	1.1E+00
1,4-Dichlorobenzene	106-46-7	5.4E-03	C	3.9E-02	C	7.E-02	A	2.3E-01	I	5.5E-02	8.7E-06	3.75E+02	7.51E-01	9.9E-02
Selenium	7782-49-2	NA		NA		5.E-03	I	5.7E-03	C				5.00E+00	5.7E-03
Methylcyclohexane	108-87-2	Not Regulated												

Table 7-3

Risk Reduction Standards for Regulated Substances Detected in Groundwater
October 2011 – Avery Dennison Facility, Flowery Branch, GA

HSRA Name (unitless)	CAS No!. (unitless)	HSRA App. III (mg/L)	RAGS Equation Based Calculation[1]				Groundwater[1]			
			Residential (mg/L)		Non-Residential (mg/L)		Type 1 RRS	Type 2 RRS	Type 3 RRS	Type 4 RRS
			Carcinogen	Non-Carcinogen	Carcinogen	Non-Carcinogen	(mg/L)			
2-Butanone (MEK)	78-93-3	2	NA	2.26	NA	11.8	2	2.262	2	11.8
1,1-Dichloroethane	75-34-3	4	0.0319	3.13	0.0464	7.3	4	0.032	4	0.046
1,1-Dichloroethene	75-35-4	0.007	NA	0.10	NA	0.52	0.007	0.103	0.007	0.524
1,2-Dichloroethane	107-06-2	0.005	0.00197	0.0040	0.0029	0.020	0.005	0.002	0.005	0.0029
1,1,1-Trichloroethane	71-55-6	0.2	NA	2.72	NA	13.6	0.2	2.720	0.2	13.6
1,1,2-Trichloroethane	79-00-5	0.005	0.00319	0.00012	0.0046	0.0006	0.005	0.00012	0.005	0.00058
1,4-Dioxane	123-91-1	0.07	0.00852	0.47	0.0286	1.1	0.07	0.009	0.07	0.029
Acetone	67-64-1	4	NA	7.99	NA	45.6	4	7.990	4	45.6
Carbon disulfide	75-15-0	4	NA	0.33	NA	1.7	4	0.329	4	1.7
Chloroethane	75-00-3	NA	NA	5.96	NA	27.8	NA	5.959	NA	27.8
Chloroform	67-66-3	0.08	0.00256	0.043	0.0034	0.22	0.08	0.003	0.08	0.0034
cis-1,2-Dichloroethene	156-59-2	0.07	NA	0.031	NA	0.07	0.07	0.031	0.07	0.073
Ethylbenzene	100-41-4	0.7	0.01944	0.43	0.0291	2.3	0.7	0.019	0.7	0.029
Methylene chloride	75-09-2	0.005	0.06231	0.36	0.1195	1.98	0.005	0.062	0.005	0.12
Styrene	100-42-5	0.1	NA	0.50	NA	2.6	0.1	0.501	0.1	2.6
Tetrachloroethene	127-18-4	0.005	0.00138	0.079	0.0038	0.45	0.005	0.001	0.005	0.0038
Toluene	108-88-3	1	NA	0.88	NA	5.2	1	0.881	1	5.2
trans-1,2-Dichloroethene	156-60-5	0.1	NA	0.032	NA	0.161	0.1	0.032	0.1	0.16
Trichloroethene	79-01-6	0.005	0.02649	0.006	0.0377	0.028	0.005	0.006	0.005	0.028
Xylene, Mixture	1330-20-7	10	NA	0.058	NA	0.288	10	0.058	10	0.29
Arsenic	7440-38-2	0.01	0.00057	0.0047	0.0019	0.011	0.01	0.001	0.01	0.0019
Barium	7440-39-3	2	NA	3.13	NA	7.3	2	3.129	2	7.3
Chromium(III)	16065-83-1	0.1	NA	23.46	NA	54.8	0.1	23.464	0.1	54.8
Chromium(VI)	18540-29-9	0.1	0.00170	0.047	0.0057	0.1095	0.1	0.100	0.1	0.0057
Fluorotrichloromethane	75-69-4	2	NA	0.38	NA	1.9163	2	0.383	2	1.9
Vinyl chloride	75-01-4	0.002	0.00110	0.026	0.0033	0.1496	0.002	0.001	0.002	0.0033
Carbon tetrachloride	56-23-5	0.005	0.00573	0.031	0.0102	0.1703	0.005	0.006	0.005	0.0102
1,4-Dichlorobenzene	106-46-7	0.075	0.00569	0.33	0.0073	1.7610	0.075	0.006	0.075	0.0073
Selenium	7782-49-2	0.05	NA	0.078	NA	0.1825	0.05	0.078	0.05	0.18
Methylcyclohexane	108-87-2	Not Regulated								

[1] RAGS eq. results, 3 SFs; RRS values, 1SF

Table 7-4

Type 1 Risk Reduction Standards for Regulated Substances detected in Soil
October 2011 – Avery Dennison Facility, Flowery Branch, GA

HSRA Name	CAS Nol.	App I – NC	100X App III	Leachate	Table 2 - App III	(6)(c)(1) =	RAGS Eq. 6	RAGS Eq. 7	Type 1
(unitless)	(unitless)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	MAX(I..iii)	Carcinogen	NonCarcinogen	RRS
		(I)	(ii)	(iii)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
2-Butanone (MEK)	78-93-3	0.79	200.	NA	NA	200	NA	9329.10	200.0
1,1-Dichloroethane	75-34-3	0.03	400	NA	NA	400	42.171	15642.86	42.171
1,1-Dichloroethene	75-35-4	0.36	0.7	NA	NA	0.700	NA	50.81	0.700
1,2-Dichloroethane	107-06-2	0.02	0.5	NA	NA	0.500	6.281	10.67	0.500
1,1,1-Trichloroethane	71-55-6	5.44	20	NA	NA	20.0	NA	2273.73	20.000
1,1,2-Trichloroethane	79-00-5	0.50	0.5	NA	NA	0.500	16.721	0.52	0.500
1,4-Dioxane	123-91-1	DL/0.13	7	NA	NA	7.000	91.250	2346.43	7.000
Acetone	67-64-1	2.74	400	NA	NA	400	NA	32934.40	400.000
Carbon disulfide	75-15-0	DL(P)	400	NA	NA	400	NA	180.81	180.812
Chloroethane	75-00-3	0.17	NA	NA	NA	0.17	NA	1149964.68	0.17
Chloroform	67-66-3	0.68	8	NA	NA	8.0	3.863	73.07	3.863
cis-1,2-Dichloroethene	156-59-2	0.53	7	NA	NA	7.000	NA	156.43	7.000
Ethylbenzene	100-41-4	20.00	70	NA	NA	70.0	92.243	1760.66	70.000
Methylene chloride	75-09-2	0.08	0.5	NA	NA	0.500	135.876	554.98	0.500
Styrene	100-42-5	14.00	10	NA	NA	14.0	NA	3046.19	14.000
Tetrachloroethene	127-18-4	0.18	0.5	NA	NA	0.500	9.530	167.21	0.500
Toluene	108-88-3	14.40	100	NA	NA	100	NA	3583.76	100.000
trans-1,2-Dichloroethene	156-60-5	0.53	10	NA	NA	10.0	NA	47.55	10.000
Trichloroethene	79-01-6	0.13	0.5	NA	NA	0.500	38.983	6211917.62	0.500
Xylene, Mixture	1330-20-7	20.00	1000	NA	NA	1000	NA	230.14	230.135
Arsenic	7440-38-2	41.00	1	NA	20.000	41.00	6.082	23.44	20.000
Barium	7440-39-3	500.00	200	NA	1000.0	500	NA	15295.97	500.000
Chromium(III)	16065-83-1	1200.00	10	NA	100.0	1200	0.000	117321.43	100.000
Chromium(VI)	18540-29-9	1200.00	10	NA	100.000	1200.0	18.078	234.24	100.000
Fluorotrichloromethane	75-69-4	0.70	200	NA	NA	200	NA	105.00	104.999
Vinyl chloride	75-01-4	0.04	0.2	NA	NA	0.200	0.172	16.12	0.172
Carbon tetrachloride	56-23-5	0.17	0.5	NA	NA	0.500	0.346	33.29	0.346
1,4-Dichlorobenzene	106-46-7	NA	7	NA	NA	7.500	6.178	2086.05	6.178
Selenium	7782-49-2	36	5	NA	2	36	NA	391	2
Methylcyclohexane	108-87-2	Not Regulated							

Table 7-5

Type 2 Risk Reduction Standards for Regulated Substances Detected in Soil
October 2011 – Avery Dennison Facility, Flowery Branch, GA

HSRA Name	CAS No!.	Type 1 GW RRS	Type 2 GW RRS	Selected GW RRS	End-point	Cw DAF=20	Kd	H'	SSL RRS	RAGS Eq. 6	RAGS Eq. 7	Type 2 Soil RRS
(unitless)	(unitless)	(mg/L)	(mg/L)	(mg/L)		(mg/L)	(L/kg)	(unitless)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
2-Butanone (MEK)	78-93-3	2.0E+00	2.3E+00	2.3E+00	NC	4.5E+01	9.0E-03	2.3E-03	9.5E+00	NA	9330	9.5
1,1-Dichloroethane	75-34-3	4.0E+00	3.2E-02	4.0E+00	C	8.0E+01	6.4E-02	2.3E-01	2.3E+01	42.2	15640	22.7
1,1-Dichloroethene	75-35-4	7.0E-03	1.0E-01	1.0E-01	NC	2.1E+00	6.4E-02	1.1E+00	7.4E-01	NA	51	0.7
1,2-Dichloroethane	107-06-2	5.0E-03	2.0E-03	5.0E-03	C	1.0E-01	7.9E-02	4.8E-02	2.8E-02	6.3	11	0.03
1,1,1-Trichloroethane	71-55-6	2.0E-01	2.7E+00	2.7E+00	NC	5.4E+01	8.8E-02	7.0E-01	1.9E+01	NA	2274	19.1
1,1,2-Trichloroethane	79-00-5	5.0E-03	1.2E-04	5.0E-03	C	1.0E-01	1.2E-01	3.4E-02	3.2E-02	16.7	0.52	0.03
1,4-Dioxane	123-91-1	7.0E-02	8.5E-03	7.0E-02	C	1.4E+00	5.3E-03	2.0E-04	2.9E-01	91	2346	0.29
Acetone	67-64-1	4.0E+00	8.0E+00	8.0E+00	NC	1.6E+02	4.7E-03	1.4E-03	3.3E+01	NA	32900	32.7
Carbon disulfide	75-15-0	4.0E+00	3.3E-01	4.0E+00	NC	8.0E+01	4.3E-02	5.9E-01	2.4E+01	NA	181	23.7
Chloroethane	75-00-3	0.01[2]	6.0E+00	6.0E+00	NC	1.2E+02	4.3E-02	4.5E-01	3.4E+01	NA	1.15E+06	33.8
Chloroform	67-66-3	8.0E-02	2.6E-03	8.0E-02	C	1.6E+00	6.4E-02	1.5E-01	4.4E-01	3.8	73	0.4
cis-1,2-Dichloroethene	156-59-2	7.0E-02	3.1E-02	7.0E-02	NC	1.4E+00	7.9E-02	1.7E-01	4.1E-01	NA	156	0.4
Ethylbenzene	100-41-4	7.0E-01	1.9E-02	7.0E-01	C	1.4E+01	8.9E-01	3.2E-01	1.6E+01	92.2	1760	15.7
Methylene chloride	75-09-2	5.0E-03	6.2E-02	6.2E-02	C	1.2E+00	4.3E-02	1.3E-01	3.2E-01	136	555	0.3
Styrene	100-42-5	1.0E-01	5.0E-01	5.0E-01	NC	1.0E+01	8.9E-01	1.1E-01	1.1E+01	NA	3046	11.0
Tetrachloroethene	127-18-4	5.0E-03	1.4E-03	5.0E-03	C	1.0E-01	1.9E-01	7.2E-01	4.5E-02	9.5	167	0.05
Toluene	108-88-3	1.0E+00	8.8E-01	1.0E+00	NC	2.0E+01	4.7E-01	2.7E-01	1.4E+01	NA	3584	13.8
trans-1,2-Dichloroethene	156-60-5	1.0E-01	3.2E-02	1.0E-01	NC	2.0E+00	7.9E-02	1.7E-01	5.9E-01	NA	48	0.6
Trichloroethene	79-01-6	5.0E-03	6.0E-03	6.0E-03	C	1.2E-01	1.2E-01	4.0E-01	4.3E-02	38.9	6.21E+06	0.043
Xylene, Mixture	1330-20-7	1.0E+01	5.8E-02	1.0E+01	NC	2.0E+02	7.7E-01	2.1E-01	2.0E+02	NA	230	197
Arsenic	7440-38-2	1.0E-02	5.7E-04	1.0E-02	C	2.0E-01	2.90E+01		5.8E+00	6.1	23	5.8
Barium,	7440-39-3	2.0E+00	3.1E+00	3.1E+00	NC	6.3E+01	4.10E+01		2.6E+03	NA	15300	2578
Chromium(III)	16065-83-1	1.0E-01	2.3E+01	1.0E-01	NC	2.0E+00	1.80E+06		3.6E+06	NA	117321	117321.
Chromium(VI)	18540-29-9	1.0E-01	1.0E-01	1.0E-01	C	2.0E+00	1.80E+06		3.6E+06	18.1	234	18.1
Fluorotrichloromethane	75-69-4	2.0E+00	3.8E-01	2.0E+00	NC	4.0E+01	8.8E-02	4.0E+00	4.9E+00	NA	105	4.9
Vinyl chloride	75-01-4	2.0E-03	1.1E-03	2.0E-03	C	4.0E-02	4.3E-02	1.1E+00	7.6E-03	0.17	16	0.04[3]
Carbon tetrachloride	56-23-5	5.0E-03	5.7E-03	5.7E-03	C	1.1E-01	8.8E-02	1.1E+00	4.4E-02	0.35	33	0.17[3]
1,4-Dichlorobenzene	106-46-7	7.5E-02	6.0E-03	7.5E-02	C	1.5E+00	7.5E-01	9.9E-02	1.1E-01	6.2	2086	0.13[3]
Selenium	7782-49-2	5.0E-02	8.0E-02	8.0E-02	NC	1.6E+00	5.0E+00	NA	8.1E+00	NA	391	36[3]
Methylcyclohexane	108-87-2	Not Regulated										

[2] Not listed in App. III, 0.01 is the DL per 391-3-19.07 (6) (b). This value obtained from Table 4-6 of the 3/26/2008 CSR reported as the PQL 391-3-19.07 (7) (c) (1)
[3] default to Type 1 NC value from App. I that is higher than the SSL value

Table 7-6

Type 3 Risk Reduction Standards for Regulated Substances detected in Soil
October 2011 – Avery Dennison Facility, Flowery Branch, GA

HSRA Name	CAS Nol.	NC	100X App III	Leachate	Table 2 - App III	(8)(d)(1)	RAGS Eq. 6	RAGS Eq. 7	Surface	Sub-Surface
(unitless)	(unitless)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	MAX(i..iv)	Carcinogen	NonCarcinogen	Type 3 RRS	Type 3 RRS
		(I)	(ii)	(iii)	(iv)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
2-Butanone (MEK)	78-93-3	0.79	200	NA	NA	200	NA	54518	200	200
1,1-Dichloroethane	75-34-3	0.03	400	NA	NA	400	53.7	408800	54	400
1,1-Dichloroethene	75-35-4	0.36	0.7	NA	NA	0.7	NA	252	0.70	0.70
1,2-Dichloroethane	107-06-2	0.02	0.5	NA	NA	0.5	8.1	53	0.50	0.50
1,1,1-Trichloroethane	71-55-6	5.44	20	NA	NA	20	NA	11274	20	20
1,1,2-Trichloroethane	79-00-5	0.50	0.5	NA	NA	0.5	22.0	3	0.50	0.50
1,4-Dioxane	123-91-1	DL/0.13	7	NA	NA	7	572	61320	7	7
Acetone	67-64-1	2.74	400	NA	NA	400	NA	260347	400	400
Carbon disulfide	75-15-0	DL/0.651	400	NA	NA	400	NA	907	400	400
Chloroethane	75-00-3	0.17	NA	NA	NA	0.17	NA	15331	0.17	0.17
Chloroform	67-66-3	0.68	8	NA	NA	8	4.9	387	4.9	8.0
cis-1,2-Dichloroethene	156-59-2	0.53	7	NA	NA	7	NA	4088	7.0	7.0
Ethylbenzene	100-41-4	20	70	NA	NA	70	121.8	10558	70	70
Methylene chloride	75-09-2	0.08	0.5	NA	NA	0.5	179.4	3008	0.50	0.50
Styrene	100-42-5	14	10	NA	NA	14	NA	17732	14	14
Tetrachloroethene	127-18-4	0.18	0.5	NA	NA	0.5	15.6	992	0.50	0.50
Toluene	108-88-3	14.4	100	NA	NA	100	NA	32845	100	100
trans-1,2-Dichloroethene	156-60-5	0.53	10	NA	NA	10	NA	239	10	10
Trichloroethene	79-01-6	0.13	0.5	NA	NA	0.5	49.6	36	0.50	0.50
Xylene, Mixture	1330-20-7	20	1000	NA	NA	1000	NA	1141	1000	1000
Arsenic	7440-38-2	41	1	NA	20	41	38.1	610	38	41
Barium	7440-39-3	500	200	NA	1000	500	NA	364691	500	500
Chromium(III)	16065-83-1	1200	10	NA	100	1200	NA	3066000	1200	1200
Chromium(VI)	18540-29-9	1200	10	NA	100	1200	108.9	6077	109	109
Fluorotrichloromethane	75-69-4	0.7	200	NA	NA	200	NA	516	200	200
Vinyl chloride	75-01-4	0.04	0.2	NA	NA	0.2	5.1	84	0.20	0.20
Carbon tetrachloride	56-23-5	0.17	0.5	NA	NA	0.5	8.4	179	0.50	0.50
1,4-Dichlorobenzene	106-46-7	DL/0.13	7.5	NA	NA	7.5	52.3	14805	7.5	7.5
Selenium	7782-49-2	36	5	NA	2.00	36	NA	10219	36	36
Methylcyclohexane	108-87-2	Not Regulated								

Table 7-7

Type 4 Risk Reduction Standards for Regulated Substances detected in Soil
October 2011 – Avery Dennison Facility, Flowery Branch, GA

HSRA Name	CAS Nol.	Type 3 GW RRS	Type 4 GW RRS	Selected GW RRS	Cw DAF=20	Kd	H'	SSL RRS	RAGS Eq. 6	RAGS Eq. 7	Type 4 Soil RRS	Sub-surface
(unitless)	(unitless)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(L/kg)	(unitless)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
2-Butanone (MEK)	78-93-3	2	12	12	236	9.0E-03	2.3E-03	49	NA	54518	49	49
1,1-Dichloroethane	75-34-3	4	0.046	4	80	6.4E-02	2.3E-01	22.73	53.7	408800	22.73	22.73
1,1-Dichloroethene	75-35-4	0.007	0.52	0.52	10.48	6.4E-02	1.1E+00	3.76	NA	252	3.76	3.76
1,2-Dichloroethane	107-06-2	0.005	0.003	0.005	0.1	7.9E-02	4.8E-02	0.028	8.1	53	0.028	0.028
1,1,1-Trichloroethane	71-55-6	0.2	14	14	273	8.8E-02	7.0E-01	96	NA	11274	96	96
1,1,2-Trichloroethane	79-00-5	0.005	0.00058	0.005	0.1	1.2E-01	3.4E-02	0.03	22.0	3	0.03	0.03
1.4-Dioxane	123-91-1	0.070	0.029	0.070	C	5.3E-03	2.0E-04	0.29	572.3	61320	0.29	0.29
Acetone	67-64-1	4	46	46	912	4.7E-03	1.4E-03	187	NA	260347	187	187
Carbon disulfide	75-15-0	4	1.7	4	80	4.3E-02	5.9E-01	24	NA	907	24	24
Chloroethane	75-00-3	0.01[4]	28	28	560	4.3E-02	4.5E-01	158	NA	15331	158	158
Chloroform	67-66-3	0.1	0.003	0.1	2	6.4E-02	1.5E-01	0.44	4.9	387	0.44	0.44
Cis-1,2-Dichloroethene	156-59-2	0.07[5]	0.073	0.073	1.5	7.9E-02	1.7E-01	0.43	NA	4088	0.43	0.43
Ethylbenzene	100-41-4	0.7	0.029	0.7	14	8.9E-01	3.2E-01	16	121.8	10558	16	16
Methylene chloride	75-09-2	0.005	0.12	0.12	2.4	4.3E-02	1.3E-01	0.6	179.4	3008	0.6	0.6
Styrene	100-42-5	0.1	2.6	2.6	51	8.9E-01	1.1E-01	56	NA	17732	56	56
Tetrachloroethene	127-18-4	0.005	0.004	0.005	0.1	1.9E-01	7.2E-01	0.045	15.6	992	0.045	0.045
Toluene	108-88-3	1	5.2	5.2	105	4.7E-01	2.7E-01	73	NA	32845	73	73
trans-1,2-Dichloroethene	156-60-5	0.1	0.16	0.16	3.2	7.9E-02	1.7E-01	0.9	NA	239	0.9	0.9
Trichloroethene	79-01-6	0.005	0.028	0.028	0.56	1.2E-01	4.0E-01	0.2	49.6	36	0.2	0.2
Xylene, Mixture	1330-20-7	10	0.3	10	200	7.7E-01	2.1E-01	197	NA	1141	197	197
Arsenic	7440-38-2	0.01[6]	0.002	0.01	0.2	2.90E+01	NA	1.1	38.1	610	1.1	1.1
Barium,	7440-39-3	2	7.3	7.3	146	4.10E+01	NA	6015	NA	364691	6015	6015
Chromium(III)	16065-83-1	0.1	55	55	1095	1.80E+06	NA	1971000219	NA	3066000	100000[7]	100000
Chromium(VI)	18540-29-9	0.1	0.0057	0.0057	0.11	1.80E+06	NA	206035	108.9	6077	109	109
Fluorotrichloromethane	75-69-4	2	1.9	2	40	8.8E-02	4.0E+00	26	NA	516	26	26
Vinyl chloride	75-01-4	0.002	0.0033	0.0033	0.066	4.3E-02	1.1E+00	0.023	5.1	84	0.023	0.023
Carbon tetrachloride	56-23-5	0.005	0.01	0.01	0.2	8.8E-02	1.1E+00	0.079	8.4	179	0.079	0.079
1,4-Dichlorobenzene	106-46-7	0.075	0.0073	0.075	1.5	7.5E-01	9.9E-02	1.4	52	14805	1.4	1.4
Selenium	7782-49-2	0.05	0.18	0.18	3.7	5.0E+00	NA	19	NA	10219	19	19
Methylcyclohexane	108-87-2	Not Regulated										

[4] Not listed in App. III, 0.01 is the DL per 391-3-19.07 (9) (c). This value obtained from Table 4-6 of the 3/26/2008 CSR reported as the PQL 391-3-19.07 (7) (c) (1)
[5] from 391-3-5.18 (2) (b) Primary Maximum Contaminant Levels in Drinking Water, Volatile Organic Contaminants (VOCs)
[6] from 391-3-5.18 (1) (a) Primary Maximum Contaminant Levels in Drinking Water, Inorganics
[7] RRS defaults to 100,000 mg/kg or 10% of soil in cases where the calculated RRS value is greater than 10^6 mg/kg (ppm) or 100% of soil

Table 4. COPEC Selection in Surface Water

Chemical	N	# Det.	Frequency	Minimum Non-detect	Maximum Non-detect	Minimum Detect	Maximum Detect	Arithmetic Mean of Detected Data	Std. Dev of Detected Data	NAWQC or other* (ug/L)	Potential for Bioaccumulation	COPEC (Y/N)
VOCs (ug/L)												
1,1,1-Trichloroethane	51	14	27%	<0.61	<5.0	1.2	25	6.536	7.126	11	N	Y
1,1-Dichloroethane	51	7	14%	<0.57	<5.0	1.1	12	4.071	3.992	47	N	N
1,1-Dichloroethene	51	21	41%	<0.68	<5.0	1.1	47	8.99	10.5	25	N	Y

* National Ambient Water Quality Criteria or other levels from Buchman (2008)

Table 5. COPEC Selection in Sediment

Chemical	N	# Det.	Freq	Min. DL	Max. DL	Min. Detect	Max. Detect	Arithmetic Mean of Detects	Std. Dev of Detects	Threshold Effect Level*	Probable Effect Level*	Dutch Target Level	Dutch Intervention Level	COPEC (Y/N)
VOCs (ug/kg)														
1,1,1-Trichloroethane	14	2	14%	<5.5	10.27	23	110	67	61.52	NA	NA	70	15000	N
1,1-Dichloroethane	14	3	21%	<5.9	<10.3	4	19	13.000	7.937	NA	NA	20	15000	N
1,1-Dichloroethene	14	2	14%	2.5	10.27	18.00	64	41.000	35.53	NA	NA	100	300	N

Note:

In its June 30, 2011 comments, the Georgia Environmental Protection Division (EPD) stated *"The Dutch Target Levels are screening values for soil not sediment. Additionally, EPD was not able to verify the Dutch Intervention Levels for 1,1,1-Trichloroethane, 1,1-Dichloroethane and 1,1-Dichloroethene. Please re-screen using appropriate sediment screening values and revise the table as necessary."*

Avery Dennison response: The Dutch Target Levels shown in Table 5 are indeed screening values for sediment, as obtained from *Buchman, M. F., 2008. NOAA Screening Quick Reference Tables, NOAA OR&R Report 08-1, Seattle, WA, Office of Response and Restoration Division, National Oceanic and Atmospheric Administration, 34 pages.*, which is available at http://response.restoration.noaa.gov/book_shelf/122_NEW-SQuiRTs.pdf.

* from Buchman (2008)

Table 7. COPEC Selection in the Groundwater-Surface Water Transition Zone

Chemical	N	# Det.	Frequency	Minimum Non-detect	Maximum Non-detect	Minimum Detect	Maximum Detect	Arithmetic Mean of Detected Data	Std. Dev of Detected Data	30% Max as Transition Zone Conc.	NAWQC or other* (ug/L)	Potential for Bioaccumulation	COPEC (Y/N)
VOCs (ug/L)													
1,1,1-Trichloroethane	77	29	38%	<1.00	<5.0	10	260	103.7	60.88	78	11	N	Y
1,1-Dichloroethane	77	35	45%	<0.64	<5.0	1.0	370	85.33	88.73	111	47	N	Y
1,1-Dichloroethene	77	41	53%	<0.99	<5.0	1.0	790	140.8	169.1	237	25	N	Y
Chloroethane	77	2	3%	<1.00	<10.0	1.5	1.6	1.55	0.07	NA	NA	N	N
Toluene	77	2	3%	<0.62	<5.0	9.7	33	21.35	16.48	NA	9.8	N	N
Trichloroethene	77	4	5%	<0.47	<5.0	1.0	1.9	1.45	0.465	0.57	21	N	N
Vinyl chloride	77	9	12%	<0.86	<2.0	2.1	21	11.91	7.328	6.3	930	N	N

* National Ambient Water Quality Criteria or other levels from Buchman (2008)

Table 8. Screening Risk Calculation and Initial Refinement

Surface Water								
Chemical	**Average Concentration**	**95% UCL**	**Maximum Detect**	**NAWQC (µg/L)**			**Preliminary Hazard Quotient**	**Refined Hazard Quotient based on UCL**
1,1,1-Trichloroethane	3.256	3.921	25	11			2	0.2
1,1-Dichloroethene	4.912	10.53	47	25			2	0.2
Groundwater-Surface Water Transition								
Chemical	**Average Concentration**	**95% UCL**	**30% of the 95.% UCL**	**Maximum Detect**	**30% of the Max**	**NAWQC (µg/L)**	**Preliminary Hazard Quotient**	**Refined Hazard Quotient based on UCL**
1,1,1-Trichloroethane	40.3	56.6	16.98	260	78	11	7	1
1,1-Dichloroethane	39.85	58.54	17.562	370	111	47	2	0.4
1,1-Dichloroethene	75.920	105.1	31.53	790	237	25	9	1

Table 9. Refined Screening Level Risk Calculation for the Groundwater-Surface Transition Zone

Chemical	Arithmetic Mean (MLE)	95% UCL	10% of the 95% UCL as a Transition Zone Conc.	30% of the 95% UCL as a Transition Zone Conc.	Chronic Tier II Values from Buchman (2008) (ug/L)	Acute Tier II Values from Buchman (2008) (ug/L)	HQ Range
VOCs (ug/L)							
1,1,1-Trichloroethane	40.3	56.6	5.66	16.98	11	200	**0.03 - 1**
1,1-Dichloroethene	75.92	105.1	10.51	31.53	25	450	**0.01 - 1**

APPENDIX D

SOUTHERN SOURCE AREA
MULTI-PHASE EXTRACTION PILOT TEST REPORT

MARCH 2010

AVERY DENNISON FACILITY

HSI #10578

SOUTHERN SOURCE AREA MULTI-PHASE EXTRACTION PILOT TEST REPORT

March 2011

Avery Dennison Facility
Flowery Branch, Georgia
HSI No. 10578

Prepared for:
Avery Dennison
7 Bishop Street
Framingham, MA 01702

Prepared by:
The Johnson Company, Inc.
100 State Street
Montpelier, Vermont
05602

Project No.: 1-0145-4

The Johnson Company
ENVIRONMENTAL SCIENCE AND ENGINEERING SOLUTIONS

PARTNERS FOR SMART THINKING AND CREATIVE STRATEGIES

EXECUTIVE SUMMARY

A pilot test of multi-phase extraction (MPE) was performed in November 2010 to assess MPE as a potential remediation technology for volatile organic compounds (VOC) present in the unsaturated soil and shallow groundwater portion of the southern source area (SSA) of the Avery Dennison Site in Flowery Branch, Georgia. Specifically, the pilot test provides Site-specific experience and design parameters for application to a full-scale MPE system.

Two separate MPE wells were installed in the SSA for the purposes of the pilot test. Initially, a 'step test' was performed at each MPE well to select an applied vacuum for use in the subsequent 55-hour 'constant rate' portion of the test – the selected vacuum is that which was expected to produce the most efficient capture of water and vapor from the desired target treatment zone. The MPE pilot test results indicate that VOC in unsaturated and shallow saturated soils of the SSA are amenable to treatment using a full-scale MPE system. More specifically, the results from the MPE pilot tests performed at the Site indicate the following:

- A full-scale MPE system is likely to:
  - require a vacuum of up to 270 inches of water be applied at each MPE well;
  - produce an average vacuum radius of influence (ROI) of 30 to 40 feet and an extracted air flow rate of 15 to 40 scfm at each MPE well;
  - produce an extracted groundwater flow rate of 1 to 2 gpm at each MPE well;
  - have an average initial VOC concentration in the air stream of approximately 600 ppmv that decreases to approximately 200 ppmv a few days after startup; and
  - have an average initial VOC concentration in the groundwater stream of approximately 1 ppm that decreases to approximately 0.5 ppm a few days after startup.
- The design spacing of an MPE well field must account for: subsurface vacuum ROI and air extraction flow rates observed in the MPE pilot test; overlapping drawdown of the water table associated with multiple extraction points; and selecting groundwater extraction rates that ensure groundwater drawdown adequately dewaters the portion of shallow groundwater containing elevated VOC mass, exposing it to applied vacuum and air flow.
- The measured VOC concentrations in the air stream and the anticipated air flow rates appear to be amenable to treatment using GAC, thermal oxidation, or catalytic oxidation.
- The measured VOC concentrations in groundwater (excluding 1,4-dioxane) and the anticipated groundwater extraction rates appear to be amenable to treatment using GAC, an air stripper, or advanced oxidation processes.
- The presence of 1,4-dioxane in extracted groundwater will likely require treatment of groundwater using advanced oxidation processes.

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1.0 INTRODUCTION

This report describes pilot tests of multi-phase extraction (MPE) performed in November 2010 as a potential remediation technology for volatile organic compounds (VOC) present in the unsaturated soil and shallow groundwater portion of the southern source area (SSA)[1] of the Avery Dennison Site in Flowery Branch, Georgia. Procedures, results, and conclusions are summarized herein.

The pilot tests were performed with the following objectives:

- evaluate the effectiveness of MPE as a remedial technology for VOC in the unsaturated soil and shallow groundwater associated with the SSA;
- determine Site-specific MPE system design parameters necessary to design a full-scale MPE system;
- measure concentrations of VOC in extracted groundwater and soil vapor to estimate potential VOC mass removal rates; and
- evaluate the effect of applied MPE vacuum on the elevation of the groundwater table within the MPE treatment zone.

Two separate MPE extraction wells were installed in the SSA for the purposes of the tests. Initially, a 'step test' was performed at each MPE extraction well for which the applied vacuum was sequentially increased in a step-wise fashion over time. For each applied vacuum step, water and vapor flow rates were measured, and the resultant water-table drawdown and distribution of subsurface vacuum were also measured. The purpose of the 'step test' was to determine the apparent optimum applied vacuum to be used for the subsequent 'constant rate' test that would most efficiently result in capture of water and vapor from the desired target treatment zone. The purpose of the constant rate test is to provide Site-specific experience and design parameters for application to a full-scale MPE system.

[1] The Southern Source Area is defined and described in the March 2010 Compliance Status Report prepared for the Site and submitted by Avery to the Georgia Environmental Protection Division.

2.0 INSTALLATION OF MULTI-PHASE EXTRACTION WELLS AND PRESSURE TRANSDUCERS

2.1 MPE EXTRACTION WELL INSTALLATION

Prior to performing the MPE pilot tests, and in order to provide test wells for the application of vacuum and the withdrawal of vapor and water, two MPE wells were installed within the footprint of the SSA. Figure 1 shows the location of the two extraction wells: MP-1, and MP-2. MP-1 is located within the building footprint, and MP-2 is located outside of the building footprint.

At each installation location, 10.5-inch diameter (approximate) borings were established using hollow stem augers to a refusal depth of approximately 47.2 feet below the floor surface at location MP-1 and 37.5 feet below ground surface at location MP-2. According to past geologic profiles at the Site, these refusal depths are within the weathered bedrock unit that underlies the saprolite residuum soils. The static groundwater table at the time of testing was approximately 15 to 16 feet below surface (ft bs); therefore, the borings extend approximately 31 to 32 feet and 21 to 22 feet into the saturated zone (before application of vacuum), respectively.

Within each boring, a MPE well constructed of 4-inch diameter, schedule 40 polyvinyl chloride (PVC) with #10 (0.010-inch) slot screens was installed with the top of the screen at 6 ft bs and the bottom of the screen located approximately one foot above the terminal depth of the boring. For each MPE well, a 1-inch diameter PVC piezometer was also installed in the boring at a location slightly offset from the MPE well casing in order to receive transducers for groundwater level measurement (see below). Each boring was then completed by surrounding the well and piezometer with #1 silica filter sand from the bottom of the boring up to a depth of 4 ft bs. Above the sand pack, field-hydrated bentonite was installed to within 1.5 ft bs. Each MPE well was then completed with a flush-mount protective cover secured in concrete from the surface to 1.5 ft bs. Following construction, each MPE well was hydraulically developed by bailing, surging, and pumping with a submersible pump until the extracted groundwater was of visibly low turbidity.

2.2 PRESSURE TRANSDUCER INSTALLATION

In order to provide groundwater elevation data at points within the target testing zone prior to, during, and after the MPE step tests and constant rate test, a pressure transducer capable of recording data at pre-programmed intervals was installed in a piezometer collocated with each of the MPE wells (MP-1 and MP-2), and in each of eight surrounding groundwater monitoring wells (MW-2, MW-3, MW-4, MW-5, MW-63, MW-64, MW-65S, and MW-65D). The resultant data, which is described in Section 4.0, allows for consideration of the extent and magnitude of water-table drawdown at different applied vacuum rates and measured effluent (water and air) flow rates.

3.0 MPE TEST PROCEDURES

3.1 STEP TEST

The MPE step tests were conducted using a self-contained, trailer-mounted MPE system provided by Enviro-Equipment, Inc. of Charlotte, North Carolina. Appendix A provides photographs of the MPE system setup. The specifications for the mobile MPE system are summarized below:

- 20-horsepower liquid ring vacuum pump with a nominal air flow capacity of 300 cubic feet per minute and a maximum vacuum of 394 inches of water;
- high vacuum air/water separator (knockout tank);
- 85-gallon vapor phase carbon vessel with 300 pounds (lbs) of granular activated carbon (GAC) for treating VOC in the extracted air;
- transfer pump with in-line flow meter (volume totalizer) for tracking the volume of groundwater extracted and transferred to the on-site "frac" tanks for storage and eventual approved disposal; and

  integrated gauges and/or ports for measuring system vacuum, velocity, temperature, and collecting samples of air and water for VOC concentration (photoionization detector or laboratory sample).

Figure 2 shows a schematic diagram of the wellhead configuration, which consists of a 1-inch diameter 'stinger' (a.k.a. 'slurp') tube that extends through an air-tight insertion port and into the groundwater within the well casing. Step tests were conducted on November 19, 2010 using both MPE wells (MP-1 and MP-2) at the same time. Prior to the start of the MPE step tests, the mobile MPE system was connected to the slurp tube at the applicable MPE well using an instrumented wellhead adaptor and flexible hose. Once the step test began, the vacuum applied to the MPE wells was sequentially increased in three individual steps, and the slurp tubes were periodically lowered into the MPE wells to produce and/or accommodate drawdown of the groundwater table. Table 1 presents a summary of the specific applied vacuums and operation times for each of the step tests.

During each stage of the step test, the vacuum applied to the slurp tube; the vacuum, temperature, and velocity of the air stream; the cumulative volume of groundwater extracted from the MPE wells; and the vacuum present in the MPE wells (MP-1 and MP-2) and 16 surrounding monitoring points were also measured.

3.2 CONSTANT RATE TEST

Following the step tests, a MPE constant rate test was conducted using both MPE wells (MP-1 and MP-2) at the same time, and using the same mobile MPE system and wellhead connections that were used for the MPE step tests. Table 2 provides a summary of the applied vacuum and operation times for the MPE constant rate test. The vacuum was applied for approximately 55 hours, beginning at 14:12 on November 19, 2010 and ending at 21:15 on November 21, 2010.

During the constant rate test, measurements of vacuum, velocity, and temperature were recorded at several locations within the MPE system. This included the vacuum applied to the slurp tube at each MPE well; the vacuum, temperature, and velocity of the combined air stream from the two MPE wells; the combined cumulative volume of groundwater extracted from the two MPE wells; and the temperature and velocity of the dilution air stream. The vacuum was also measured in the extraction wells (MP-1 and MP-2) and 28 surrounding monitoring points (see Figure 1). Adjustments to the applied vacuum and slurp tube depths were applied to maintain a relatively constant groundwater extraction rate throughout the test.

In addition, air samples were collected from the effluent air stream prior to treatment in the vapor phase carbon vessel and monitored for VOC, either by using a properly calibrated handheld photoionization detector (PID) or by submission of samples to Lancaster Laboratories, Inc. (Lancaster) for analysis of VOC by EPA Method TO-15. The three vapor samples sent to Lancaster were collected in 6 liter stainless steel Summa canisters at approximately 3, 27, and 54 hours after the start of the constant rate test. The resultant data is important for design of a vapor treatment system for a full-scale MPE application, if necessary.

Similarly, to provide data necessary for design of a water effluent treatment system for a full scale MPE application (if necessary), groundwater samples were collected from the MPE wells before the start of the MPE step test and after the end of the MPE constant rate test. These groundwater samples were submitted to Lancaster for analysis of VOC by EPA Method 8260B. Additional water samples (combined groundwater extracted by the MPE system) were collected from the MPE system discharge line at approximately 3, 27, and 54 hours after the start of the

MPE constant rate test. All three of these samples were analyzed by Lancaster for VOC by EPA Method 8260B, and the third sample was analyzed by Lancaster for select metals (calcium, iron and manganese; by Method 6010B), chloride (by Method 300.0); alkalinity to pH 4.5 and alkalinity to pH 8.3 (by Method 2320B); total hardness (by Method 2340C); and total dissolved solids (by Method 2540C).

4.0 MPE TEST RESULTS

4.1 STEP TEST

As described in Section 3, step tests were conducted in the MPE wells using average applied slurp tube vacuum steps of approximately 81.6, 180.8, and 263.7 inches of water. Table 3 presents a summary of the resultant average groundwater extraction rates for the individual steps, which were 1.2, 6.4, and 10.1 gallons per minute (gpm), respectively. The resultant average extracted air flow rates were 21.1, 25.9, and 15.7 standard cubic feet per minute (scfm), respectively. The variability in the average extracted air flow rates is the result of adjustments of the applied vacuum and the slurp tube depth during each step. Advancing the slurp tube further below the water level decreases the amount of vacuum transferred to the air phase.

Table 4 provides a summary of the vacuum response patterns measured in the 16 monitoring points used during the MPE step tests. Significant vacuum responses were noted in monitoring points up to approximately 65 feet from the extraction wells. (Note: a significant response is defined as an observed change in measured vacuum of 0.5 inches of water, or greater.) As expected, greater response is typically observed at monitoring points closer to the extraction wells. Inherent heterogeneity and preferential pathways in the subsurface cause some monitoring points closer to the extraction wells to not show a response, or a reduced magnitude of response in comparison to what is observed at more distal monitoring points.

Figures 3 and 4 present the groundwater drawdown data observed in the two MPE wells and eight nearby monitoring wells during the MPE step tests, respectively. The effect of groundwater extraction on the lowering of the water-table elevation is clearly evident, confirming the creation of an expanded vadose zone for the application of vapor recovery. These data will be useful for design of a full-scale MPE system.

Based on the observed response of the subsurface (water table drawdown, groundwater extraction rates, vacuum propagation, and air extraction rates) for each vacuum rate applied during the step tests, the applied vacuum and flow rates from the second of the three steps were selected as reasonable operational targets for the subsequent constant rate test. Available storage for liquid investigation-derived waste was also a consideration.

4.2 CONSTANT RATE TEST

As presented in Section 3, a constant rate MPE test was performed over a period of 55 hours using an applied vacuum determined from the outcome of the MPE step tests. After the first hour (the vacuum was gradually increased during start-up), the average vacuums applied to the MPE well slurp tubes by the manifolded system were 232.5 inches of water at MP-1 and 210.7 inches of water at MP-2. Also after the first hour, the average well casing vacuums were 75.9 inches of water in MP-1 and 57.6 inches of water in MP-2, and the average combined air and groundwater extraction rates were 28.9 scfm and 7.2 gpm, respectively. Figure 5 shows the data for these parameters over the 55-hour duration of the test. Some variability was observed in the rate of air flow extracted from the MPE wells during the test; however, this is due to slight adjustments to the applied vacuum and slurp tube depths that were performed in order to keep the groundwater extraction rate relatively constant as planned. The water-table drawdown, vacuum propagation, and water and air effluent quality are discussed below in the following subsections.

4.2.1 Water Table Drawdown

Figures 6 and 7 present the water-table drawdown during the constant rate test, as measured in the MPE wells and monitoring wells, respectively. The maximum drawdown occurred near the end of the test and exceeded 16 feet in MP-1, 11 feet in MP-2, and 1 to 5 feet in the nearby monitoring wells. These data indicate sufficient water table drawdown can be achieved at flow rates that are feasible for full-scale application of MPE.

Figure 8 presents the estimated distribution of the drawdown at the conclusion of the constant rate test, and Table 8 presents a summary of the data. These data show the slight anisotropy present in the subsurface, which, along with the spatial extent of drawdown observed per extraction well, will contribute to the design of the well field orientation and density for a full-scale MPE system, if necessary.

4.2.2 Subsurface Vacuum Distribution

Figure 9 shows the vacuum distribution present in the subsurface at the conclusion of the MPE constant rate test, and Table 8 presents a summary of the data. As illustrated in Figure 9, the propagation of the vacuum response was asymmetrical away from MP-1 and MP-2, with greater vacuum responses noted at monitoring points located under the building slab (near MP-1) compared to those located outside of the building footprint (near MP-2). Based on a desired minimum vacuum of 0.5 inches of water, the radius of influence (ROI) during the constant rate test is estimated at approximately 37 to 44 feet for an applied vacuum of approximately 60 to 80 inches of water.[2] Copies of the ROI analysis and calculations are presented in Appendix B. The data support that sufficient distribution of vacuum can be achieved within the target treatment zone using applied vacuums and flow rates that are feasible for a full-scale application of MPE.

4.2.3 Saturated Zone Transmissivity

Table 9 provides estimates of transmissivity and hydraulic conductivity based on a Theis analysis of the water table drawdown observed in monitoring wells MW-2, MW-4, MW-5 and MW-63 over time during the MPE constant rate test. Estimated hydraulic conductivities from 2005 slug test analysis are also included in Table 9 for comparison. Based on the geometric mean of the hydraulic conductivities from the constant rate test in Table 9, the hydraulic conductivity of the unconsolidated deposits in the SSA is estimated as $1x10^{-3}$ cm/s. Inclusion of the 2005 slug test results gives a similar collective estimated geometric mean hydraulic conductivity of $6x10^{-4}$ cm/s. Copies of the Theis analysis curve matching and calculations are included in Appendix B. Hydraulic conductivity estimates are necessary for the design of the full-scale MPE system and allow for the prediction of the effectiveness of extraction well configuration options, including the number and spatial distribution of extraction wells in the treatment area, the ROI of the pumping wells, and the groundwater extraction rate required to achieve the target drawdown of the water table.

[2] Vacuum measurements from the shallow soil vapor probes (i.e., SV-01S, SV-03S, etc.) were not used for the contours in Figure 7, because the deeper, collocated soil vapor probes are more representative of the anticipated target treatment zone. The shallow soil vapor probes showed a smaller response to the applied vacuum then the deeper soil vapor probes. During a full-scale application, installation of fresh-air supply vents will improve air circulation in the shallow soils beneath the slab.

4.2.4 Air Effluent from the MPE System

As described in Section 3.0, the VOC concentrations in the system's air effluent prior to treatment were determined using two methods: measurement by PID, and measurement by laboratory analyses of Summa canister samples.

Table 5 presents the results of PID measurements performed during the test. The equivalent PID response for an undiluted air stream from the MPE wells was calculated by multiplying the PID concentration measured in the diluted air stream by the ratio of the diluted air flow rate (fresh air at 0 ppmv) to undiluted air flow rate from the MPE wells. These estimates yielded undiluted air stream PID concentrations that decreased from the high of 109.1 ppmv (near the beginning of the test) to the low of 19.3 ppmv (near the end of the 55-hour test).

Table 10 presents a summary of the laboratory measurements of undiluted air effluent samples prior to treatment, and laboratory reports are presented in Appendix C. The total VOC concentration measured in the air samples (pre-treatment) decreased from the high of 595 ppmv (near the beginning of the test) to the low of 161 ppmv (near the end of the 55-hour long test).

Collectively, these results support that a full-scale application of MPE is capable of removing significant VOC mass from the target treatment zone. Of the total measured VOC in air effluent during the MPE pilot test, the composition is primarily 1,1,1-trichloroethene (1,1,1-TCA) and its daughter product (1,1-DCE). Several other VOC are present, but at substantially lower concentrations (see Appendix C). In general, the composition of the air effluent stream measured during the pilot test is considered to be amenable to treatment by GAC, thermal oxidation, or catalytic oxidation at the flow rates that could be generated during a full-scale MPE application.

4.2.5 Water Effluent from the MPE System

Table 11 presents a summary of VOC concentrations measured in water samples collected from the MPE system at three separate times (early, middle, late) during the MPE constant rate test and groundwater samples collected each from extraction wells MP-1 and MP-2 before the start of the step tests, and after it. The total VOC concentrations measured in the

water samples collected during the constant rate test decreased from the high of 1,330 micrograms per liter (µg/L) (near the beginning of the test) to a low of 550 µg/L (near the end of the test). The total VOC concentrations measured in groundwater samples collected from extraction well MP-1 decreased from 4,760 µg/L prior to the step tests to 3,100 µg/L following the constant rate test. Total VOC concentrations measured in groundwater samples collected from extraction well MP-2 remained relatively constant at 96 µg/L (before the step tests) and 110 µg/L (after the constant rate test).

Of the total VOC measured in the groundwater effluent during the MPE pilot test, the VOC mass was primarily 1,1,1-TCA and 1,1-DCE, and additional degradation products. At groundwater extraction rates that are anticipated for a full-scale application of MPE, these compounds are normally amenable to treatment using GAC, an air stripper, or advanced oxidation processes. However, 1,4-dioxane, a common stabilizer used in 1,1,1-TCA and an emerging contaminant of interest for regulators, was also present in the pilot test water effluent (see laboratory reports in Appendix C). The presence of 1,4-dioxane in the extracted groundwater will likely result in a requirement for advanced oxidation treatment of full-scale MPE effluent.

The inorganic analytical results for the last water sample collected from the MPE system were: 1.89, 0.367, and 1.17 milligrams per liter (mg/L) for calcium, iron, and manganese, respectively; 7 mg/L for chloride; 8.1 and less than 2.0 mg/L as $CaCO_3$ for alkalinity to pH 4.5 and pH 8.3, respectively; 13.6 mg/L as $CaCO_3$ for total hardness; and 33.5 mg/L for total dissolved solids. Copies of the analytical laboratory reports are included in Appendix C. These inorganic data will be considered when evaluating water effluent treatment system requirements for a full-scale MPE system.

5.0 SUMMARY OF CONCLUSIONS

The MPE pilot test results indicate that VOC in unsaturated and shallow saturated soils of the SSA are amenable to treatment using a full-scale MPE system. More specifically, the results from the MPE pilot tests performed at the Site indicate the following:

- A full-scale MPE system will likely:
  - require a vacuum of up to approximately 270 inches of water be applied to slurp tube at each MPE well;
  - produce an average vacuum ROI of 30 to 40 feet and an extracted air flow rate of 15 to 40 scfm at each MPE well;
  - produce an extracted groundwater flow rate of 1 to 2 gpm at each MPE well;
  - have an average initial VOC concentration in the air stream at approximately 600 ppmv that decreases to approximately 200 ppmv a few days after startup; and
  - have an average initial VOC concentration in the groundwater stream at approximately 1 ppm that decreases to approximately 0.5 ppm a few days after startup.
- The design spacing of an MPE well field must account for: subsurface vacuum ROI and air extraction flow rates observed in the MPE pilot test; overlapping drawdown of the water table associated with multiple extraction points; and selecting groundwater extraction rates that ensure groundwater drawdown adequately dewaters the portion of shallow groundwater containing elevated VOC mass, exposing it to applied vacuum and air flow.
- The measured VOC concentrations in the air stream and the anticipated air flow rates appear to be amenable to treatment using GAC, thermal oxidation, or catalytic oxidation.
- The measured VOC concentrations in groundwater (excluding 1,4-dioxane) and the anticipated groundwater extraction rates appear to be amenable to treatment using GAC, air stripper, or advanced oxidation processes.
- The presence of 1,4-dioxane in extracted groundwater will likely require treatment of groundwater using advanced oxidation processes.

TABLES

Table 1: Summary of Applied Vacuums and Operation Times

MPE Step Test

Avery Dennison Site, Flowery Branch, GA

MPE Well: MP-1					
		Slurp Tube Data		Wellhead Data	
Date	Time	Depth[1] (ft)	Applied Vacuum[2] (in. water)	Casing Vacuum (in. water)	Annulus Vacuum (in. water)
Step 1					
11/18/2010	12:33	15.0	68	--	--
11/18/2010	12:37	15.0	54	34.6	--
11/18/2010	12:38	15.0	82	--	38.7
11/18/2010	12:39	15.0	68	38.1	--
11/18/2010	13:41	15.4	75	--	--
11/18/2010	13:42	15.4	82	38.3	--
11/18/2010	13:45	15.4	82	--	39.3
Step 2					
11/18/2010	14:52	15.4	177	86.5	--
11/18/2010	14:54	15.4	177	--	88.9
11/18/2010	15:28	15.4	177	93.8	--
11/18/2010	15:29	15.4	177	--	87.2
11/18/2010	15:52	15.4	177	89.7	88.9
11/18/2010	16:39	15.4	190	99.6	92.9
11/18/2010	16:54	18.0	190	75.7	74.5
11/18/2010	17:41	18.5	190	68.7	63.5
Step 3					
11/18/2010	18:10	18.5	272	99.6	100.5
11/18/2010	19:15	29.5	265	42.3	40.5
11/18/2010	20:04	29.5	272	44.0	42.7

MPE Well: MP-2					
		Slurp Tube Data		Wellhead Data	
Date	Time	Depth[1] (ft)	Applied Vacuum[2] (in. water)	Casing Vacuum (in. water)	Annulus Vacuum (in. water)
Step 1					
11/18/2010	11:06	15.0	82	--	--
11/18/2010	11:19	15.0	88	--	--
11/18/2010	11:43	16.0	82	--	--
11/18/2010	12:02	16.0	122	23.0	23.0
11/18/2010	12:10	16.0	95	--	--
11/18/2010	13:27	16.0	82	10.0	9.9
Step 2					
11/18/2010	14:56	16.0	177	52.4	--
11/18/2010	14:57	17.0	177	--	52.6
11/18/2010	15:31	17.0	190	54.5	--
11/18/2010	15:31	17.0	190	--	53.6
11/18/2010	15:49	19.0	177	42.6	41.1
11/18/2010	16:34	20.0	177	29.3	26.9
11/18/2010	17:43	20.0	177	33.6	32.7
Step 3					
11/18/2010	18:06	20.0	258	46.3	45.6
11/18/2010	19:17	20.0	258	49.5	49.9
11/18/2010	20:01	22.0	258	39.0	39.8
11/18/2010	20:18	22.0	258	39.8	38.9

Notes:

1) depth relative to set measurement point, which was approximately 2.3 ft above the floor slab for MP-1 and 2.1 ft above ground for MP-2

2) estimated values based on fluctuation in gauge reading

-- = not measured

ft = feet

in. water = inches of water

Table 2: Summary of Applied Vacuum and Operation Times
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

MPE Well: MP-1					
		Slurp Tube Data		Wellhead Data	
Date	Time	Depth[1] (ft)	Vacuum[2] (in. water)	Casing Vacuum (in. water)	Annulus Vacuum (in. water)
11/19/2010	14:34	17.5	136	32.7	34.5
11/19/2010	14:54	17.5	163	57.6	58.5
11/19/2010	15:35	17.5	218	78.4	80.1
11/19/2010	15:47	17.5	218	79.9	78.7
11/19/2010	16:59	17.5	218	83.4	87.8
11/19/2010	17:38	17.5	218	87.4	86.1
11/19/2010	17:58	17.5	218	85.4	86.9
11/19/2010	19:29	17.5	218	88.3	84.9
11/19/2010	19:37	18.0	218	85.1	82.7
11/19/2010	20:16	18.0	218	84.3	85.2
11/19/2010	21:12	18.0	218	86.9	82.3
11/19/2010	22:01	18.0	218	90.1	89.6
11/19/2010	22:28	18.0	231	93.4	93.6
11/19/2010	22:52	18.0	218	87.4	80.2
11/19/2010	23:30	18.0	218	78.6	78.9
11/20/2010	0:06	18.5	218	72.8	75.5
11/20/2010	0:49	18.5	218	74.4	73.6
11/20/2010	1:39	19.0	218	71.8	68.0
11/20/2010	2:09	19.5	218	69.1	65.5
11/20/2010	2:32	19.5	218	77.8	75.1
11/20/2010	3:22	19.5	204	67.2	68.8
11/20/2010	3:47	19.5	204	66.5	73.1
11/20/2010	4:53	19.5	204	68.8	75.9
11/20/2010	7:35	19.5	204	68.2	68.5
11/20/2010	9:01	19.5	204	60.6	63.6
11/20/2010	9:57	20.0	204	62.9	63.0
11/20/2010	11:02	20.5	204	61.7	54.5
11/20/2010	11:45	20.5	204	58.2	59.4
11/20/2010	13:28	20.5	204	57.8	56.5
11/20/2010	14:45	20.5	204	55.5	57.6
11/20/2010	16:00	20.5	204	56.2	57.6
11/20/2010	16:57	20.5	218	64.1	65.1
11/20/2010	19:22	20.5	218	62.0	65.6
11/20/2010	19:54	20.5	258	72.5	76.5
11/20/2010	20:25	20.5	258	75.4	76.2
11/20/2010	21:49	20.5	258	76.6	75.3
11/20/2010	22:48	20.5	272	81.4	81.1
11/20/2010	23:49	20.5	272	81.2	81.4
11/21/2010	0:51	20.5	272	80.8	79.7
11/21/2010	1:48	20.5	272	81.9	82.4
11/21/2010	2:53	20.5	272	82.1	81.7
11/21/2010	4:18	20.5	272	81.7	81.5
11/21/2010	6:40	20.5	272	81.9	81.6
11/21/2010	8:47	20.5	272	80.2	81.7
11/21/2010	10:33	20.5	258	76.6	75.1
11/21/2010	12:18	20.5	272	81.9	83.2
11/21/2010	13:46	20.5	218	69.0	68.8
11/21/2010	14:20	20.5	245	74.0	75.0
11/21/2010	15:54	20.5	258	82.3	82.7
11/21/2010	17:38	20.5	272	83.5	81.9
11/21/2010	19:30	20.5	272	83.0	82.7
11/21/2010	20:46	20.5	272	83.3	84.1

MPE Well: MP-2					
		Slurp Tube Data		Wellhead Data	
Date	Time	Depth[1] (ft)	Vacuum[2] (in. water)	Casing Vacuum (in. water)	Annulus Vacuum (in. water)
11/19/2010	14:38	16.0	177	51.9	50.9
11/19/2010	14:50	16.0	163	52.6	50.2
11/19/2010	15:33	16.0	190	60.9	60.7
11/19/2010	15:49	16.0	190	62.4	61.7
11/19/2010	17:01	16.0	190	64.9	65.1
11/19/2010	17:30	16.0	190	65.4	65.6
11/19/2010	18:01	16.0	190	66.0	66.2
11/19/2010	19:26	16.0	190	65.4	66.2
11/19/2010	19:40	16.5	190	64.4	62.9
11/19/2010	20:19	16.5	190	63.0	63.3
11/19/2010	21:14	16.5	190	63.8	64.4
11/19/2010	22:08	16.5	204	70.3	69.5
11/19/2010	22:30	16.5	218	69.9	70.5
11/19/2010	22:55	16.5	190	65.2	64.1
11/19/2010	23:32	16.5	190	65.0	63.5
11/20/2010	0:09	17.0	190	61.8	63.1
11/20/2010	0:46	17.0	190	60.0	60.8
11/20/2010	1:42	17.0	190	64.1	63.2
11/20/2010	2:11	17.0	190	61.6	61.2
11/20/2010	2:34	17.0	190	60.8	61.8
11/20/2010	3:24	17.5	177	57.6	58.1
11/20/2010	3:50	17.5	177	57.3	56.6
11/20/2010	4:56	17.5	177	57.1	58.0
11/20/2010	7:32	18.0	204	56.8	58.5
11/20/2010	9:05	18.0	204	53.9	53.0
11/20/2010	10:00	18.0	204	54.4	53.5
11/20/2010	11:07	18.0	204	52.5	55.3
11/20/2010	11:45	18.5	204	52.4	51.0
11/20/2010	13:30	18.5	204	50.2	50.9
11/20/2010	14:48	18.5	204	52.1	51.9
11/20/2010	16:03	18.5	190	51.5	51.3
11/20/2010	16:15	18.5	204	56.5	56.3
11/20/2010	19:25	18.5	204	45.7	46.1
11/20/2010	19:57	18.5	231	52.2	52.7
11/20/2010	20:28	18.5	231	52.7	54.0
11/20/2010	21:51	18.5	231	52.9	53.0
11/20/2010	22:51	18.5	231	54.5	53.2
11/20/2010	23:52	18.5	231	53.3	54.2
11/21/2010	0:53	18.5	231	54.6	54.1
11/21/2010	1:50	18.5	231	54.2	54.2
11/21/2010	2:55	18.5	231	55.0	54.0
11/21/2010	4:22	18.5	231	53.8	53.9
11/21/2010	6:43	18.5	231	54.4	54.2
11/21/2010	8:51	18.5	238	55.8	55.4
11/21/2010	10:36	18.5	224	53.6	54.0
11/21/2010	12:20	18.5	258	55.8	55.3
11/21/2010	13:50	18.5	231	49.0	49.5
11/21/2010	14:24	18.5	238	52.0	52.4
11/21/2010	15:51	18.5	258	56.7	56.4
11/21/2010	17:41	18.5	245	56.1	56.3
11/21/2010	19:32	18.5	245	55.7	56.4
11/21/2010	20:49	18.5	231	55.9	55.9

Notes:

1) depth relative to set measurement point, which was approximately 2.3 ft above the floor slab for MP-1 and 2.1 ft above ground for MP-2

2) vacuums fluctuated continuously due to multi-phase flow in piping; therefore, all recorded vacuums are approximate

ft = feet

in. water = inches of water

Table 3: Average Air and Groundwater Extraction Rates
MPE Step Test
Avery Dennison Site, Flowery Branch, GA

Step	Average Water Flow Rate (gpm)	Average Air Flow Rate (scfm)
1	1.2	21.1
2	6.4	25.9
3	10.1	15.7

Notes:
gpm = gallons per minute
scfm = standard cubic feet per minute

Table 4: Summary of Spatial Monitoring Point Vacuum Data
MPE Step Test
Avery Dennison Site, Flowery Branch, GA

	MW-1		MW-2		MW-3		MW-4	
	d_{MP-1} = 85 ft d_{MP-2} = 78 ft		d_{MP-1} = 77 ft d_{MP-2} = 49 ft		d_{MP-1} = 40 ft d_{MP-2} = 12 ft		d_{MP-1} = 78 ft d_{MP-2} = 40 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/18/2010	13:24	0.0	13:23	0.0	11:59	0.8	13:18	0.0
11/18/2010	15:21	0.0	15:20	0.0	13:25	1.1	15:19	0.0
11/18/2010					15:07	3.5	19:22	0.04
11/18/2010					19:20	5.3		

	MW-5		MW-63		MW-64		MW-65S	
	d_{MP-1} = 63 ft d_{MP-2} = 32 ft		d_{MP-1} = 49 ft d_{MP-2} = 85 ft		d_{MP-1} = 10 ft d_{MP-2} = 37 ft		d_{MP-1} = 46 ft d_{MP-2} = 44 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/18/2010	12:14	0.01	15:25	1.5	12:56	2.6	13:16	0.3
11/18/2010	13:30	0.0			13:50	2.8	13:54	0.6
11/18/2010	15:18	0.0			15:23	10.8	15:27	1.6

	SV-101S		SV-105D		VW-1		VW-2	
	d_{MP-1} = 41 ft d_{MP-2} = 11 ft		d_{MP-1} = 66 ft d_{MP-2} = 59 ft		d_{MP-1} = 6 ft d_{MP-2} = 44 ft		d_{MP-1} = 25 ft d_{MP-2} = 36 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/18/2010	12:17	0.15	13:29	0.25	12:49	4.6	13:56	0.08
11/18/2010	15:05	0.65	15:33	0.55	13:46	4.6	15:26	0.09
11/18/2010	19:21	0.55			15:23	18.1		

	VW-3		VW-4		VW-5		VW-6	
	d_{MP-1} = 24 ft d_{MP-2} = 20 ft		d_{MP-1} = 10 ft d_{MP-2} = 48 ft		d_{MP-1} = 5 ft d_{MP-2} = 39 ft		d_{MP-1} = 25 ft d_{MP-2} = 62 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/18/2010	12:06	0.0	12:52	1.8	12:48	0.8	12:53	0.7
11/18/2010	15:08	0.0	13:51	2.0	13:52	1.4	13:51	1.3
11/18/2010	19:23	0.08	15:24	8.8	15:26	3.6	15:24	4.4

Notes:
d_{MP-1} = distance from monitoring point to extraction well MP-1
d_{MP-2} = distance from monitoring point to extraction well MP-2
in. water = inches of water

Table 5: Summary of Air Flow Rates and Photoionization Detector Response

MPE Constant Rate Test

Avery Dennison Site, Flowery Branch, GA

		Air Flow from Well Field				Dilution Air			Combined Air Stream	
Date	Time	Vacuum (in. water)	Temp (°F)	Velocity (ft/min)	Flow Rate (scfm)	Temp (°F)	Velocity (ft/min)	Flow Rate (scfm)	PID response (ppmv)	Dilution Corrected PID response (ppmv)[1]
11/19/2010	20:45	210.7	50.1	1600	38.6	53.0	1800	39.8	36.8	74.8
11/19/2010	22:04	265.1	43.0	1700	30.0					
11/19/2010	23:23	265.1	44.7	1300	22.9					
11/19/2010	23:52	265.1	44.8	1300	22.9					
11/20/2010	0:54	278.7	46.5	1200	19.0	51.2	1200	26.6	45.5	109.1
11/20/2010	1:55	265.1	44.5	1200	21.1					
11/20/2010	3:06	265.1	43.8	1100	19.4					
11/20/2010	4:31	265.1	41.5	1200	21.3	48.5	1200	26.8	34.2	77.2
11/20/2010	6:55	231.1	43.5	1440	31.5					
11/20/2010	8:52	210.7	50.8	1390	33.5	48.9	1900	42.4	16.2	36.7
11/20/2010	9:46	237.9	57.3	1650	33.8					
11/20/2010	10:20	258.3	62.4	1790	31.9					
11/20/2010	11:15	265.1	62.9	1760	29.9					
11/20/2010	11:50	265.1	64.3	1850	31.4	69.0	3000	64.3	9.9	30.2
11/20/2010	11:59	224.3	69.2	1950	42.2					
11/20/2010	13:10	251.5	67.4	1965	36.3					
11/20/2010	14:11	237.9	67.6	2020	40.6					
11/20/2010	14:33	244.7	64.7	1980	38.4	68.1	2450	52.6	14.5	34.4
11/20/2010	15:50	231.1	62.2	1820	38.4					
11/20/2010	16:23	244.7	59.3	1800	35.3	67.4	1600	34.4	27.8	54.9
11/20/2010	17:30	237.9	55.9	1750	35.9	66.6	1500	32.3	37.1	70.5
11/20/2010	19:12	224.3	53.3	1800	40.1					
11/20/2010	19:40	265.1	51.3	1500	26.1					
11/20/2010	20:01	231.1	50.9	1600	34.5					
11/20/2010	20:15	265.1	51.0	1500	26.1					
11/20/2010	20:56	265.1	49.4	1500	26.2					
11/20/2010	21:36	258.3	48.5	1500	27.5	53.0	1500	33.2	31.7	70.0
11/20/2010	22:34	258.3	49.0	1500	27.5					

Table 5: Summary of Air Flow Rates and Photoionization Detector Response
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

		Air Flow from Well Field				Dilution Air			Combined Air Stream	
Date	Time	Vacuum (in. water)	Temp (°F)	Velocity (ft/min)	Flow Rate (scfm)	Temp (°F)	Velocity (ft/min)	Flow Rate (scfm)	PID response (ppmv)	Dilution Corrected PID response (ppmv)[1]
11/20/2010	23:35	258.3	48.5	1500	27.5					
11/21/2010	0:37	251.5	48.0	1500	28.8	48.0	1700	38.0	16.5	38.3
11/21/2010	1:38	265.1	50.5	1500	26.1					
11/21/2010	2:36	258.3	50.8	1500	27.4					
11/21/2010	4:05	265.1	49.5	1450	25.3					
11/21/2010	5:09	265.1	50.5	1500	26.1	53.5	1500	33.1	12.6	28.6
11/21/2010	6:15	271.9	51.8	1780	29.4					
11/21/2010	8:06	278.7	53.4	1450	22.7					
11/21/2010	9:37	285.5	57.1	1500	22.1	57.6	1800	39.5	13.7	38.2
11/21/2010	11:12	299.1	60.0	1475	19.2					
11/21/2010	12:06	292.3	64.3	1770	24.3	67.6	1300	28.0	14.7	31.6
11/21/2010	13:54	251.5	65.1	2140	39.7					
11/21/2010	14:35	292.3	65.1	2100	28.7	69.2	1470	31.5	13.4	28.1
11/21/2010	15:42	305.9	62.0	1500	18.2					
11/21/2010	17:20	299.1	57.8	1600	20.9					
11/21/2010	19:04	271.9	55.9	1500	24.6	61.5	1600	34.8	8.0	19.3
11/21/2010	20:50	271.9	53.0	1580	26.1	57.1	1300	28.5		

Notes:
1) PID Dilution Correction Factor = (Air Flow Rate from Well Field + Dilution Air Flow Rate) / Air Flow Rate from Well Field
in. water = inches of water
°F = degrees Farenheit
ft/min = feet per minute
scfm = standard cubic feet per minute
ppmv = parts per million by volume

Table 6: Summary of Groundwater Extraction Rates
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

Date	Time	Totalizer Flow Meter (gal)	Time Duration between Cycle Points (min)	**Estimated Flow Rate (gpm)**
11/19/2010	14:13	4782.4 [1]		
11/19/2010	14:37	4886.8	24	4.4
11/19/2010	14:48	4941.0	11	4.9
11/19/2010	14:59	4995.3	11	4.9
11/19/2010	15:29	5163.2	30	5.6
11/19/2010	15:46	5281.9	17	7.0
11/19/2010	15:55	5341.7	9	6.6
11/19/2010	16:12	5460.2	17	7.0
11/19/2010	17:12	5871.6	60	6.9
11/19/2010	17:20	5929.9	8	7.3
11/19/2010	17:29	5988.4	9	6.5
11/19/2010	17:55	6164.7	26	6.8
11/19/2010	18:03	6223.1	8	7.3
11/19/2010	18:53	6572.1	50	7.0
11/19/2010	19:01	6630.8	8	7.3
11/19/2010	19:13	6689.4	12	4.9
11/19/2010	19:22	6747.3	9	6.4
11/19/2010	19:56	6983.6	34	7.0
11/19/2010	20:04	7042.5	8	7.4
11/19/2010	20:57	7394.2	53	6.6
11/19/2010	21:05	7453.4	8	7.4
11/19/2010	22:13	7935.5	68	7.1
11/19/2010	22:21	7995.9	8	7.5
11/19/2010	22:37	8115.5	16	7.5
11/19/2010	22:46	8173.8	9	6.5
11/19/2010	23:13	8349.3	27	6.5
11/19/2010	23:22	8407.2	9	6.4
11/19/2010	23:48	8582.6	26	6.7
11/19/2010	23:56	8641.9	8	7.4
11/20/2010	00:57	9057.6	61	6.8
11/20/2010	01:06	9119.2	9	6.8
11/20/2010	01:24	9237.1	18	6.5
11/20/2010	01:33	9296.4	9	6.6
11/20/2010	02:16	9595.4	43	7.0
11/20/2010	02:24	9653.6	8	7.3
11/20/2010	03:07	9954.2	43	7.0
11/20/2010	03:16	10014.8	9	6.7
11/20/2010	03:33	10135.0	17	7.1
11/20/2010	03:41	10194.4	8	7.4
11/20/2010	04:32	10555.1	51	7.1
11/20/2010	04:40	10615.5	8	7.5
11/20/2010	06:04	11206.1	84	7.0
11/20/2010	06:13	11263.1	9	6.3

Table 6: Summary of Groundwater Extraction Rates
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

Date	Time	Totalizer Flow Meter (gal)	Time Duration between Cycle Points (min)	**Estimated Flow Rate (gpm)**
11/20/2010	06:45	11435.2	32	5.4
11/20/2010	07:19	11671.3	34	6.9
11/20/2010	08:00	11970.7	41	7.3
11/20/2010	08:08	12030.2	8	7.4
11/20/2010	08:35	12208.3	27	6.6
11/20/2010	09:28	12557.0	53	6.6
11/20/2010	09:46	12673.6	18	6.5
11/20/2010	10:03	12790.2	17	6.9
11/20/2010	10:20	12906.0	17	6.8
11/20/2010	10:46	13082.5	26	6.8
11/20/2010	11:20	13315.7	34	6.9
11/20/2010	11:55	13548.2	35	6.6
11/20/2010	12:22	13719.1	27	6.3
11/20/2010	12:49	13892.0	27	6.4
11/20/2010	13:16	14067.0	27	6.5
11/20/2010	14:07	14421.6	51	7.0
11/20/2010	15:07	14833.1	60	6.9
11/20/2010	15:32	15009.1	25	7.0
11/20/2010	15:49	15126.7	17	6.9
11/20/2010	16:39	15485.6	50	7.2
11/20/2010	17:37	15908.6	58	7.3
11/20/2010	18:26	16326.2	49	8.5
11/20/2010	18:34	16386.8	8	7.6
11/20/2010	19:09	16563.8	35	5.1
11/20/2010	19:17	16623.9	8	7.5
11/20/2010	19:42	16807.9	25	7.4
11/20/2010	19:50	16868.8	8	7.6
11/20/2010	20:13	17051.5	23	7.9
11/20/2010	20:21	17114.4	8	7.9
11/20/2010	20:54	17364.2	33	7.6
11/20/2010	21:02	17426.1	8	7.7
11/20/2010	21:32	17673.3	30	8.2
11/20/2010	21:40	17735.6	8	7.8
11/20/2010	22:36	18170.6	56	7.8
11/20/2010	22:44	18232.6	8	7.8
11/20/2010	23:39	18667.8	55	7.9
11/20/2010	23:47	18730.0	8	7.8
11/21/2010	00:34	19103.4	47	7.9
11/21/2010	00:42	19165.0	8	7.7
11/21/2010	01:38	19602.5	56	7.8
11/21/2010	01:46	19664.8	8	7.8
11/21/2010	02:40	20097.7	54	8.0
11/21/2010	02:48	20160.0	8	7.8

Table 6: Summary of Groundwater Extraction Rates
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

Date	Time	Totalizer Flow Meter (gal)	Time Duration between Cycle Points (min)	**Estimated Flow Rate (gpm)**
11/21/2010	04:07	20779.4	79	7.8
11/21/2010	04:15	20841.1	8	7.7
11/21/2010	05:11	21273.7	56	7.7
11/21/2010	05:19	21336.9	8	7.9
11/21/2010	06:23	21832.1	64	7.7
11/21/2010	07:19	22265.2	56	7.7
11/21/2010	07:50	22510.6	31	7.9
11/21/2010	09:34	23311.7	104	7.7
11/21/2010	10:05	23558.3	31	8.0
11/21/2010	10:21	23678.8	16	7.5
11/21/2010	11:02	23985.6	41	7.5
11/21/2010	11:18	24106.1	16	7.5
11/21/2010	11:51	24347.0	33	7.3
11/21/2010	12:16	24528.1	25	7.2
11/21/2010	12:51	24763.2	35	6.7
11/21/2010	13:09	24880.3	18	6.5
11/21/2010	13:52	25174.3	43	6.8
11/21/2010	14:09	25294.6	17	7.1
11/21/2010	14:34	25476.1	25	7.3
11/21/2010	14:59	25657.1	25	7.2
11/21/2010	15:40	25960.1	41	7.4
11/21/2010	16:20	26270.9	40	7.8
11/21/2010	17:24	26764.8	64	7.7
11/21/2010	17:32	26826.8	8	7.8
11/21/2010	19:08	27569.4	96	7.7
11/21/2010	19:16	27631.8	8	7.8

Notes:
1) Totalizer flow meter reading at start of test
gal = gallon
min = minute
gpm = gallons per minute

Table 7: Summary of Measured Vacuum in Monitoring Points

MPE Constant Rate Test

Avery Dennison Site, Flowery Branch, GA

	MW-1		MW-2		MW-3		MW-4		MW-5		MW-63	
	d_{MP-1} = 85 ft d_{MP-2} = 78 ft		d_{MP-1} = 77 ft d_{MP-2} = 49 ft		d_{MP-1} = 40 ft d_{MP-2} = 12 ft		d_{MP-1} = 78 ft d_{MP-2} = 40 ft		d_{MP-1} = 63 ft d_{MP-2} = 32 ft		d_{MP-1} = 49 ft d_{MP-2} = 85 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/19/2010	15:01	0.0	15:00	0.0	15:03	2.2	14:59	0.0	14:58	0.0	15:13	1.3
11/19/2010	16:01	0.0	15:55	0.1	15:51	3.9	15:54	0.0	15:53	0.0	16:06	2.2
11/19/2010	18:02	0.0			17:46	5.1	17:43	0.0	17:42	0.0	17:52	2.2
11/20/2010	0:35	0.0	0:37	0.0*			0:38	0.0	0:40	0.07	0:28	2.1
11/20/2010	5:25	0.0	5:24	0.11	5:23	5.0	5:24	0.0	5:23	0.08	5:20	2.3
11/20/2010	7:48	0.0	7:49	0.11	7:50	5.2	7:56	0.0	7:51	0.10	7:53	2.3
11/20/2010	9:08	0.0	9:08	0.10	9:10	4.7	9:09	0.0	9:11	0.11	9:12	2.3
11/20/2010	10:36	0.0	10:37	0.10	10:34	4.6	10:38	0.0	10:39	0.21	10:40	2.1
11/20/2010	11:52	0.0	11:58	0.08	12:00	4.0	11:59	0.0	11:59	0.27	12:07	1.9
11/20/2010	13:32	0.0	13:33	0.11	13:35	4.0	13:33	0.0	13:35	0.27	13:32	2.0
11/20/2010	14:50	0.0	14:51	0.1	14:53	4.3	14:52	0.0	14:53	0.23	14:54	2.0
11/20/2010	16:06	0.0	16:07	0.11	16:09	4.4	16:08	0.0	16:09	0.21	16:10	2.1
11/20/2010	16:59	0.0	17:00	0.14	17:01	4.6	17:00	0.0	17:02	0.21	17:03	2.2
11/20/2010	20:44	0.0	20:43	0.14	20:39	4.9	20:42	0.0	20:40	0.16	20:34	2.6
11/21/2010	0:07	0.0	0:05	0.15	0:03	5.3	0:05	0.03	0:04	0.14	23:57	2.4
11/21/2010	3:10	0.0	3:09	0.14			3:08	0.05	3:07	0.15	3:01	2.4
11/21/2010	4:27	0.0	4:26	0.15	4:24	5.4	4:25	0.06	4:25	0.14	4:32	2.3
11/21/2010	6:46	0.0	6:47	0.17	6:49	5.6	6:48	0.06	6:50	0.16	6:52	2.6
11/21/2010	8:54	0.0	8:55	0.16	8:56	6.0	8:55	0.08	8:57	0.19	8:58	2.7
11/21/2010	10:38	0.0	10:38	0.14	10:40	0.9*	10:39	0.09	10:41	0.21	10:42	2.6
11/21/2010					11:20	5.5						
11/21/2010	13:21	0.0	13:22	0.11	13:22	4.8	13:27	0.08	13:23	0.25	13:26	2.2
11/21/2010	14:26	0.0	14:27	0.14	14:28	5.1	14:27	0.08	14:28	0.24	14:29	2.3
11/21/2010	15:56	0.0	15:57	0.16	15:58	5.4	15:57	0.06	15:58	0.24	15:59	2.5
11/21/2010	17:48	0.0	17:47	0.15	17:44	5.8	17:47	0.05	17:46	0.20	17:58	2.4
11/21/2010	19:59	0.0	19:58	0.18	20:01	5.9	19:57	0.06	19:57	0.18	19:41	2.5

Table 7: Summary of Measured Vacuum in Monitoring Points

MPE Constant Rate Test

Avery Dennison Site, Flowery Branch, GA

	MW-64		MW-65S	
	d_{MP-1} = 10 ft d_{MP-2} = 37 ft		d_{MP-1} = 46 ft d_{MP-2} = 44 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/19/2010	15:08	9.6	15:17	1.7
11/19/2010	16:02	14.7	16:24	2.6
11/19/2010	17:48	15.6	17:56	1.5
11/20/2010	0:22	14.8	0:33	0.42
11/20/2010	5:14	14.7	5:21	0.47
11/20/2010	7:55	14.8	7:54	0.7
11/20/2010	9:13	13.3	9:12	0.46
11/20/2010	10:42	13.5	10:41	0.47
11/20/2010	12:09	10.9	12:08	0.22
11/20/2010	13:36	12.7	13:37	0.44
11/20/2010	14:53	12.7	14:55	0.38
11/20/2010	16:11	12.8	16:10	0.4
11/20/2010	17:04	14.2	17:03	0.6
11/20/2010	20:30	16.3	20:37	0.8
11/20/2010	23:53	17.2	23:59	0.7
11/21/2010	2:56	17.3	3:03	0.65
11/21/2010	4:28	17.2	4:35	0.6
11/21/2010	6:53	17.4	6:51	0.8
11/21/2010	8:59	17.6	8:59	0.9
11/21/2010	10:43	16.6	10:42	0.9
11/21/2010	13:27	14.9	13:26	0.48
11/21/2010	14:31	15.9	14:30	0.8
11/21/2010	16:00	17.2	16:00	0.9
11/21/2010	17:50	17.5	18:06	0.85
11/21/2010	19:35	17.7	19:50	0.95

	SV-01S		SV-01D		SV-03S	
	d_{MP-1} = 50 ft d_{MP-2} = 36 ft		d_{MP-1} = 50 ft d_{MP-2} = 38 ft		d_{MP-1} = 49 ft d_{MP-2} = 68 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/21/2010	4:51	0.0*	4:52	0.7*	4:48	0.0
11/21/2010	7:00	0.0	7:00	1.7	7:01	0.0
11/21/2010	9:06	0.0	9:06	2.0	9:07	0.0
11/21/2010	10:50	0.0	10:50	2.1	10:50	0.0
11/21/2010	13:32	0.0	13:33	1.3	13:34	0.0
11/21/2010			15:17	1.1	15:18	0.0
11/21/2010	18:08	0.0	18:07	0.9	18:02	0.1
11/21/2010	19:51	0.0	19:51	1.0	19:45	0.0

Table 7: Summary of Measured Vacuum in Monitoring Points

MPE Constant Rate Test

Avery Dennison Site, Flowery Branch, GA

	SV-03D		SV-06S		SV-06D		SV-101S		SV-101D		SV-102S	
	d_{MP-1} = 47 ft d_{MP-2} = 72 ft		d_{MP-1} = 33 ft d_{MP-2} = 70 ft		d_{MP-1} = 33 ft d_{MP-2} = 70 ft		d_{MP-1} = 41 ft d_{MP-2} = 11 ft		d_{MP-1} = 40 ft d_{MP-2} = 12 ft		d_{MP-1} = 20 ft d_{MP-2} = 29 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/21/2010	4:47	5.2	4:42	0.0	4:42	5.8					4:49	2.4
11/21/2010	7:02	5.7	7:03	0.0	7:04	6.3	7:09	*	7:09	0.9	7:10	3.1
11/21/2010	9:08	5.7	9:09	0.0	9:10	6.3	9:12	0.0	9:12	0.6	9:14	3.4
11/21/2010	10:51	5.4	10:52	0.0	10:53	6.1	10:54	0.0	10:53	0.5	10:56	3.5
11/21/2010	13:35	4.6	13:36	0.0	13:36	5.2	13:30	0.0	13:38	0.5	13:39	2.6
11/21/2010	15:19	5.3	15:20	0.0	15:20	5.7	15:21	0.0	15:22	0.7	15:23	2.5
11/21/2010	18:01	5.5	17:55	0.0	17:56	6.2	17:42	0.0	17:43	0.6	18:05	2.2
11/21/2010	19:44	5.6	19:40	0.0	19:39	6.2	19:55	0.0	19:55	0.6		

	SV-102D		SV-103S		SV-103D		SV-104S		SV-104D	
	d_{MP-1} = 19 ft d_{MP-2} = 31 ft		d_{MP-1} = 28 ft d_{MP-2} = 56 ft		d_{MP-1} = 28 ft d_{MP-2} = 55 ft		d_{MP-1} = 15 ft d_{MP-2} = 53 ft		d_{MP-1} = 14 ft d_{MP-2} = 52 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/21/2010	4:50	3.7	4:45	3.8	4:46	9.3	4:43	8.4	4:44	8.4
11/21/2010	7:10	4.5	7:11	4.4	7:12	9.9	7:13	9.0	7:14	8.9
11/21/2010	9:15	4.9	9:16	4.6	9:16	10.2	9:17	9.2	9:18	9.1
11/21/2010	10:56	5.0	10:57	4.6	10:58	10.0	10:58	9.0	10:59	8.8
11/21/2010	13:40	4.1	13:41	3.7	13:41	8.5	13:42	7.5	13:42	7.5
11/21/2010	15:23	3.8	15:25	3.7	15:26	8.7	15:27	7.8	15:27	8.1
11/21/2010	18:05	3.6	18:00	3.7	17:59	9.4	17:52	8.2	17:53	8.6
11/21/2010	19:49	3.8	19:42	4.0	19:43	9.6	19:37	8.5	19:38	8.8

Table 7: Summary of Measured Vacuum in Monitoring Points

MPE Constant Rate Test

Avery Dennison Site, Flowery Branch, GA

	VW-1		VW-2		VW-3		VW-4		VW-5		VW-6	
	d_{MP-1} = 6 ft d_{MP-2} = 44 ft		d_{MP-1} = 25 ft d_{MP-2} = 36 ft		d_{MP-1} = 24 ft d_{MP-2} = 20 ft		d_{MP-1} = 10 ft d_{MP-2} = 48 ft		d_{MP-1} = 5 ft d_{MP-2} = 39 ft		d_{MP-1} = 25 ft d_{MP-2} = 62 ft	
Date	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)	Time	Vacuum (in. water)
11/19/2010	15:06	14.9	15:17	0.0	15:05	0.0	15:07	7.3	15:16	2.0	15:12	3.7
11/19/2010	16:03	22.8	16:25	0.1	15:52	0.0	16:05	11.9	16:26	3.8	16:06	5.8
11/19/2010	17:50	23.9	17:55	1.1	17:47	0.0	17:51	12.9	17:54	18.0	17:52	5.9
11/20/2010	0:23	22.8	0:29	3.4	5:22	0.0	0:26	12.7	0:25	29.8	0:27	5.9
11/20/2010	5:16	22.1	5:20	3.5			5:17	12.6	5:18	28.0	5:19	5.9
11/20/2010	9:14	20.6	9:15	3.9	9:18	0.01	9:16	11.8			9:17	5.5
11/20/2010	12:10	16.8	12:11	3.2	12:14	0.01	12:12	9.3	12:12	24.1	12:13	4.3
11/20/2010	14:56	19.2	14:57	2.5	15:00	0.01	14:57	10.9	14:58	23.6	14:59	5.1
11/20/2010	16:12	19.5	16:13	2.6	16:16	0.01	16:14	11.1	16:14	24.4	16:15	5.3
11/20/2010	17:05	21.6	17:06	2.4	17:09	0.01	17:07	12.3	17:07	25.3	17:08	5.5
11/20/2010	20:31	24.7	20:36	2.5	20:38	0.01	20:32	14.3	20:35	28.9	20:33	6.2
11/20/2010	23:54	26.0	23:58	3.1			23:55	15.0	23:58	32.5	23:56	6.7
11/21/2010			3:03	3.3	0:01	0.01						
11/21/2010	2:58	26.3	3:03	3.3	3:05	0.01	2:59	15.3	3:02	33.5	3:00	6.9
11/21/2010	4:29	25.9	4:34	3.2	4:23	0.01	4:30	15.3	4:33	33.4	4:31	6.7
11/21/2010	6:54	26.3	6:55	3.7	6:58	0.01	6:56	15.4	6:57	33.7	6:59	6.9
11/21/2010	9:00	26.5	9:01	4.4	9:02	0.01	9:03	16.0	9:04	34.5	9:05	7.2
11/21/2010	10:44	24.9	10:45	4.5	10:47	0.005	10:46	14.9	10:46	33.6	10:48	6.8
11/21/2010	13:28	22.5	13:29	3.6	13:28	0.01	13:30	13.4	13:31	29.9	13:31	6.1
11/21/2010	15:11	24.5	15:11	3.2	15:13	0.0075	15:14	14.7	15:15	30.6	15:16	6.8
11/21/2010	16:01	26.2	16:02	2.8	16:03	0.01	16:03	15.4	16:04	31.6	16:04	2.5
11/21/2010	17:50	26.4	18:04	3.0	17:45	0.005	17:51	15.7	18:03	33.6	17:55	7.1
11/21/2010	19:35	26.5	19:47	3.2	19:52	0.005	19:36	15.8	19:46	34.2	19:39	7.2

Notes:

* found open prior to measurements; possibly anomalous

d_{MP-1} = distance from monitoring point to extraction well MP-1

d_{MP-2} = distance from monitoring point to extraction well MP-2

ft = feet

in. water = inches of water

Table 8: Final Monitoring Point Vacuum and Groundwater Drawdown Data
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

Location	Vacuum (in. water)	Groundwater Drawdown (ft)[1]
MP-1	82.7 *	16.68
MP-2	56.4 *	11.77
MW-1	0.0	--
MW-2	0.18	1.09
MW-3	5.9	3.47
MW-4	0.06	1.90
MW-5	0.18	3.04
MW-63	2.5	1.41
MW-64	17.7	5.20
MW-65S	0.95	3.07
SV-01S	0.0	NA
SV-01D	1.0	NA
SV-03S	0.0	NA
SV-03D	5.6	NA
SV-06S	0.0	NA
SV-06D	6.2	NA
SV-101S	0.0	NA
SV-101D	0.6	NA
SV-102S	2.2	NA
SV-102D	3.8	NA
SV-103S	4.0	NA
SV-103D	9.6	NA
SV-104S	8.5	NA
SV-104D	8.8	NA
VW-1	26.5	NA
VW-2	3.2	NA
VW-3	0.005	NA
VW-4	15.8	NA
VW-5	34.2	NA
VW-6	7.2	NA

Notes:
1) corrected for subsurface-applied vacuum; drawdown is relative to the water level in the well prior to the start of the test
* vacuum measured in wellhead annulus piezometer where the pressure transducer is located
in. water = inches of water
ft = feet
-- = not measured
NA = not applicable, screen is above the water table

Table 9: Estimated Hydraulic Conductivity
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

	2010 MPE Constant Rate Test[1]		2005 Slug Test
Monitoring Well	Transmissivity[2] (ft^2/d)	Estimated Hydraulic Conductivity[3] (cm/s)	Estimated Hydraulic Conductivity[4] (cm/s)
MW-2	268.1	2.4E-03	1.7E-03
MW-4	107.2	9.6E-04	1.4E-04
MW-5	80.4	7.2E-04	9.0E-05
MW-63	107.2	9.6E-04	--

Notes:
1) estimated using the Theis method
2) transmissivity = hydraulic conductivity x saturated thickness
3) assumes a saturated thickness of 40 feet
4) estimated using the Bouwer-Rice (1976) solution
ft^2/d = square feet per day
cm/s = centimeters per second
-- = not measured

Table 10: Volatile Organic Compound Concentrations Detected in Effluent Air Samples (Pre-Treatment)
MPE Constant Rate Test
Former Avery Dennison Site, Flowery Branch, GA

Collection Timing	**Early**	**Mid**	**Late**
Collection Point	System	System	System
Sample ID	Summa#1	Summa#2	Summa#3
Units	ppbv	ppbv	ppbv
Analyte			
Benzene	**36 J**	**19 J**	ND / 10
Chloroethane	**39 J**	**30 J**	**20 J**
Chloroform	**15 J**	**10 J**	ND/ 10
1,1-Dichloroethane	**12,000**	**6,500**	**3,400**
1,2-Dichloroethane	**84**	**64**	**46 J**
1,1-Dichloroethene	**450,000**	**250,000**	**64,000**
1,4-Dioxane	--	--	--
Ethylbenzene	**13 J**	ND / 10	ND / 10
Freon 113	**170**	ND / 25	ND / 25
Methylene Chloride	**540**	**490**	**260**
Pentane	**15 J**	ND / 10	ND / 10
Tetrachloroethane	**70**	**34 J**	**19 J**
Toluene	**1,200**	**1,200**	**1,400**
1,1,1-Trichloroethane	**130,000**	**200,000**	**92,000**
1,1,2-Trichloroethane	**11 J**	ND / 10	ND / 10
Trichloroethene	**150**	**77**	**38 J**
Trichlorofluoromethane	**12 J**	ND / 10	ND / 10
Vinyl Chloride	**180**	**95**	**36 J**
m/p-Xylene	**560**	**230**	**110**
o-Xylene	**35 J**	**17 J**	**10 J**
Xylene (Total)	--	--	--

Notes:
ppbv = parts per billion by volume
ND / ## = not detected, detection limit given
J = estimated concentration
-- = not measured

Table 11: Volatile Organic Compound Concentrations Detected in Effluent Groundwater Samples
MPE Constant Rate Test
Former Avery Dennison Site, Flowery Branch, GA

Collection Timing	**Pre-Test**		**Early**	**Mid**	**Late**	**Post-Test**	
Collection Point	MP-1	MP-2	System	System	System	MP-1	MP-2
Sample ID	MP-1A	MP-2A	System-1	System-2	System-3	MP-1B	MP-2B
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Analyte							
Benzene	ND / 25	ND / 5	ND / 5	ND / 5	ND / 5	ND / 10	ND / 5
Chloroethane	ND / 25	ND / 5	ND / 5	ND / 5	ND / 5	ND / 10	ND / 5
Chloroform	ND / 25	ND / 5	ND / 5	ND / 5	ND / 5	ND / 10	ND / 5
1,1-Dichloroethane	**160**	**10**	**140**	**76**	**41**	**110**	**9**
1,2-Dichloroethane	ND / 25	ND / 5	ND / 5	ND / 5	ND / 5	ND / 10	ND / 5
1,1-Dichloroethene	**1,600**	**81**	**690**	**290**	**170**	**690**	**88**
1,4-Dioxane	ND / 1300	ND / 250	ND / 250	ND / 250	ND / 250	**900**	ND / 250
Ethylbenzene	ND / 25	ND / 5	ND / 5	ND / 5	ND / 5	ND / 10	ND / 5
Freon 113	--	--	--	--	--	--	--
Methylene Chloride	ND / 25	ND / 5	**12**	**8**	ND / 5	ND / 10	ND / 5
Pentane	--	--	--	--	--	--	--
Tetrachloroethane	ND / 25	ND / 5	ND / 5	ND / 5	ND / 5	ND / 10	ND / 5
Toluene	ND / 25	ND / 5	**11**	**18**	**19**	ND / 10	ND / 5
1,1,1-Trichloroethane	**3,000**	**5**	**470**	**430**	**320**	**1,400**	**13**
1,1,2-Trichloroethane	ND / 25	ND / 5	ND / 5	-- / 5	ND / 5	ND / 10	ND / 5
Trichloroethene	ND / 25	ND / 5	ND / 5	ND / 5	ND / 5	ND / 10	ND / 5
Trichlorofluoromethane	--	--	--	--	--	--	--
Vinyl Chloride	ND / 10	ND / 2	ND / 2	ND / 2	ND / 2	ND / 4	ND / 2
m/p-Xylene	--	--	--	--	--	--	--
o-Xylene	--	--	--	--	--	--	--
Xylene (Total)	ND / 25	ND / 5	**7**	ND / 5	ND / 5	ND / 10	ND / 5

Notes:
µg/L = micrograms per liter
ND / ## = not detected, detection limit given
J = estimated concentration
-- = not measured

FIGURES

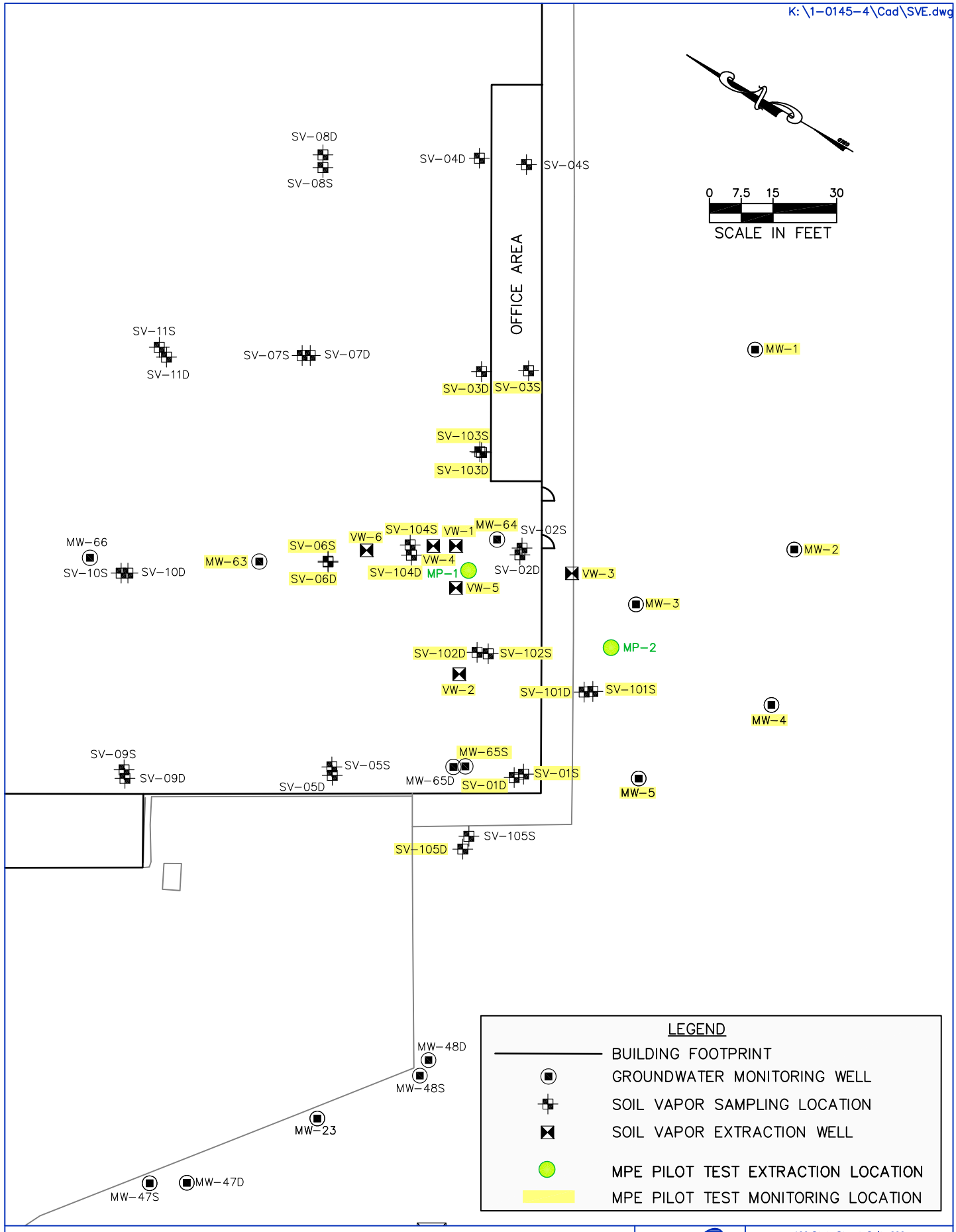

FIGURE 1: MULTI-PHASE EXTRACTION PILOT TEST EXTRACTION AND MONITORING LOCATIONS AVERY DENNISON SITE, FLOWERY BRANCH, GA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 02/09/11
Reviewed by: JCK	Date: 02/09/11
Scale: As Shown	Project: 1-0145-4

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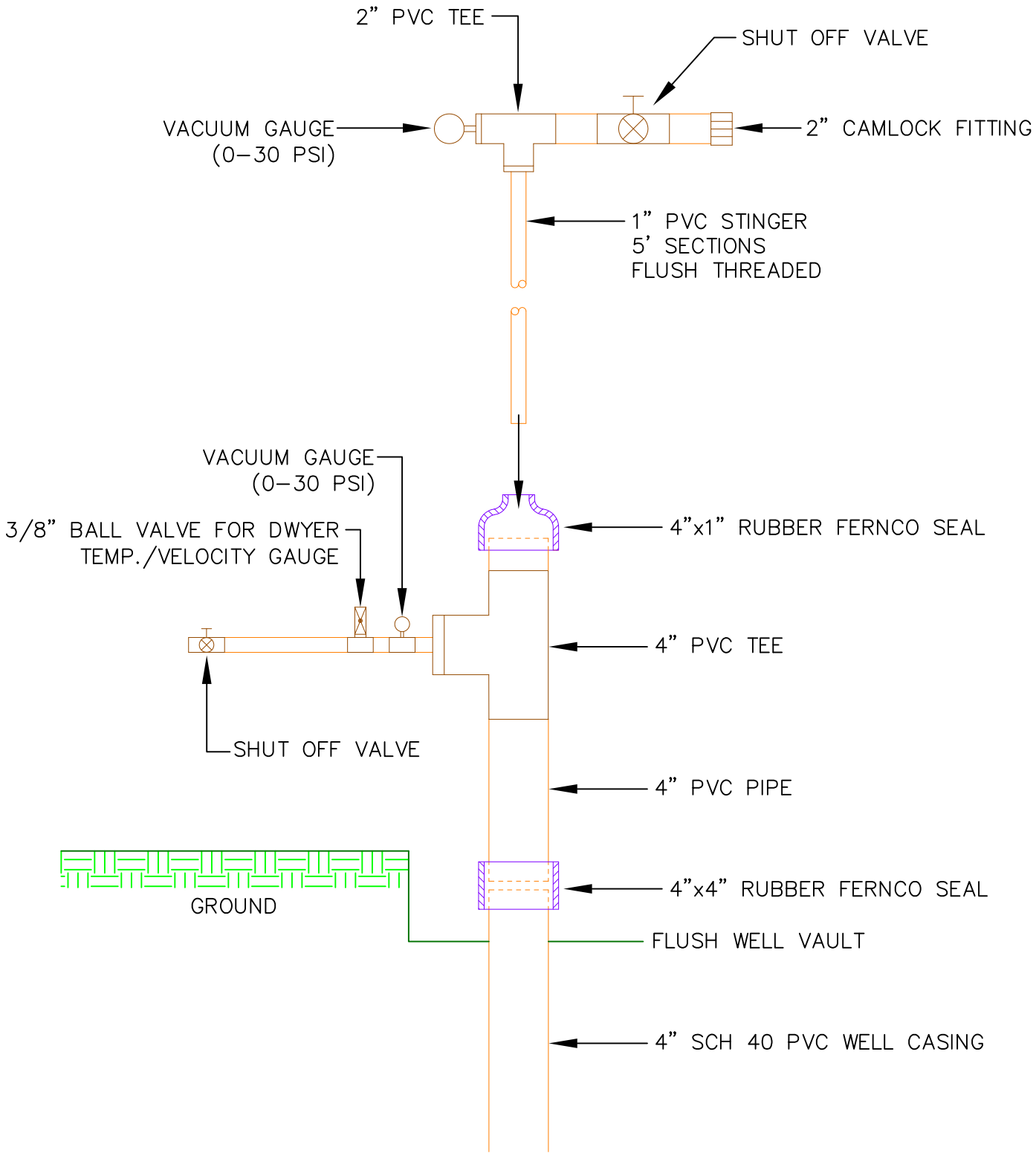


FIGURE 2: SCHEMATIC DIAGRAM OF THE EXTRACTION WELLHEAD CONFIGURATION AVERY DENNISON SITE, FLOWERY BRANCH, GA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 05/11/11
Reviewed by: JCK	Date: 05/11/11
Scale: None	Project: 1-0145-4

Figure 3: Extraction Well Water Level Drawdown*
MPE Step Test
Avery Dennison Site, Flowery Branch, GA

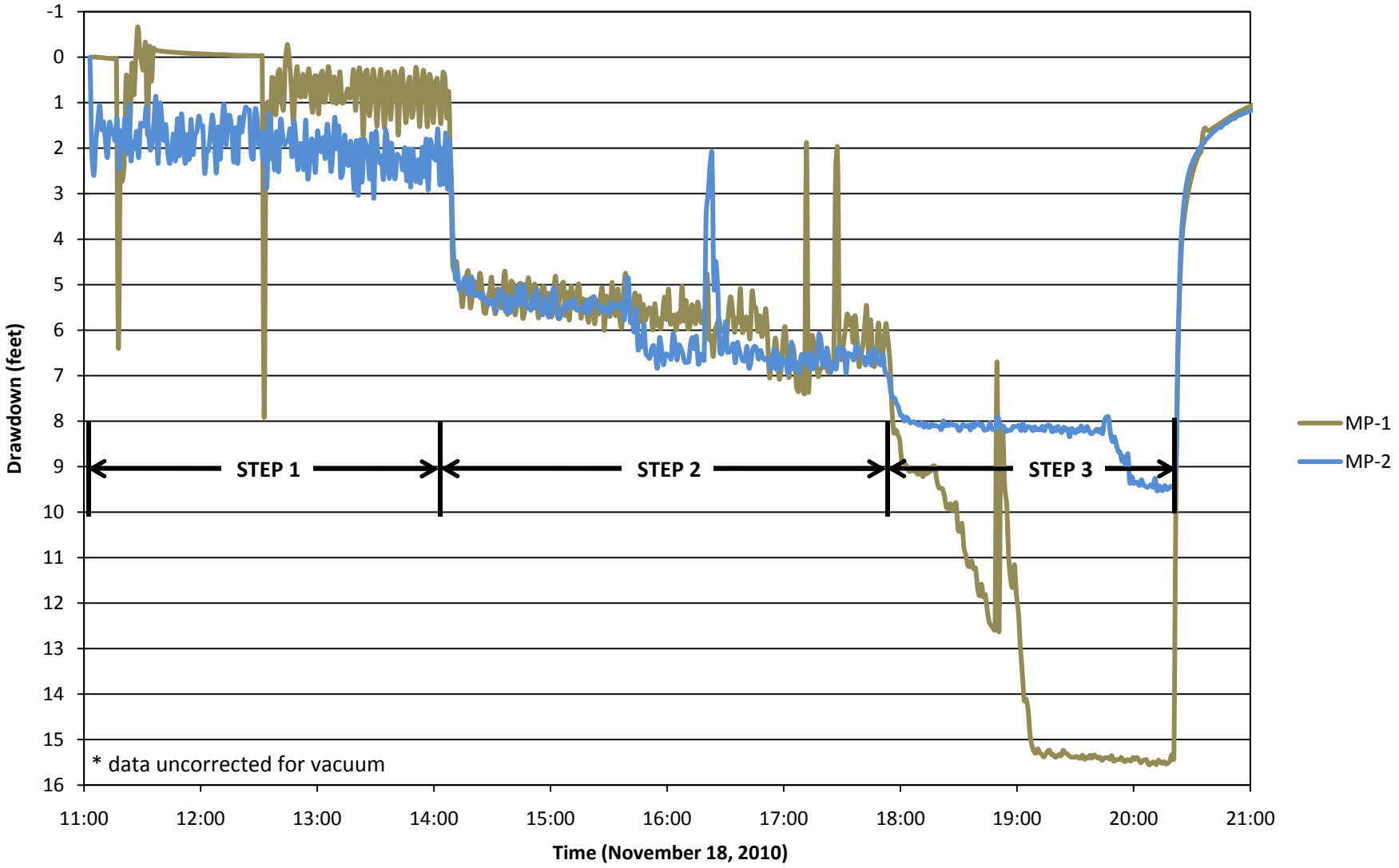


Figure 4: Monitoring Well Water Level Drawdown*
MPE Step Test
Avery Dennison Site, Flowery Branch, GA

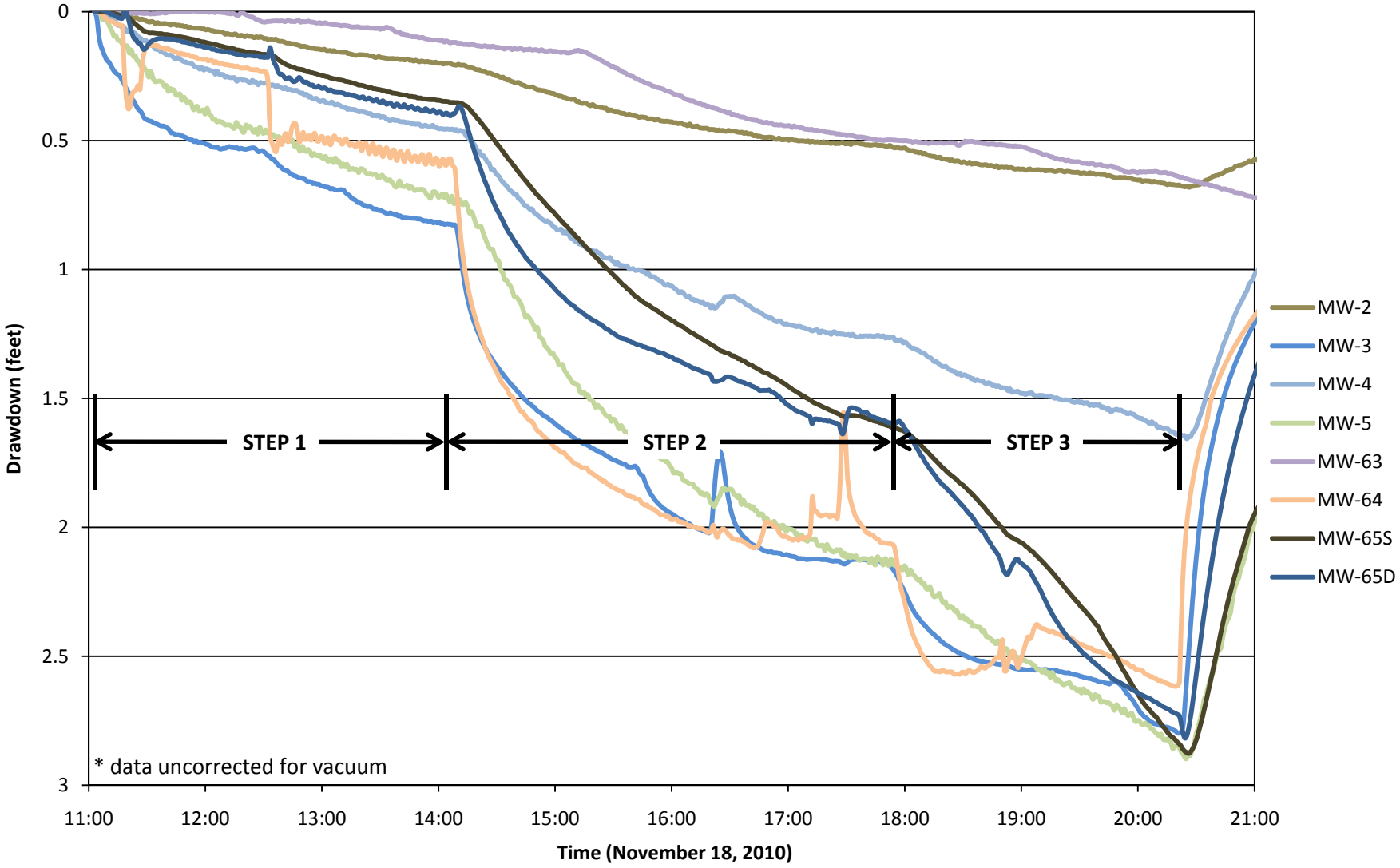


Figure 5: Applied Vacuum and Resultant Air and Groundwater Extraction Rates
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

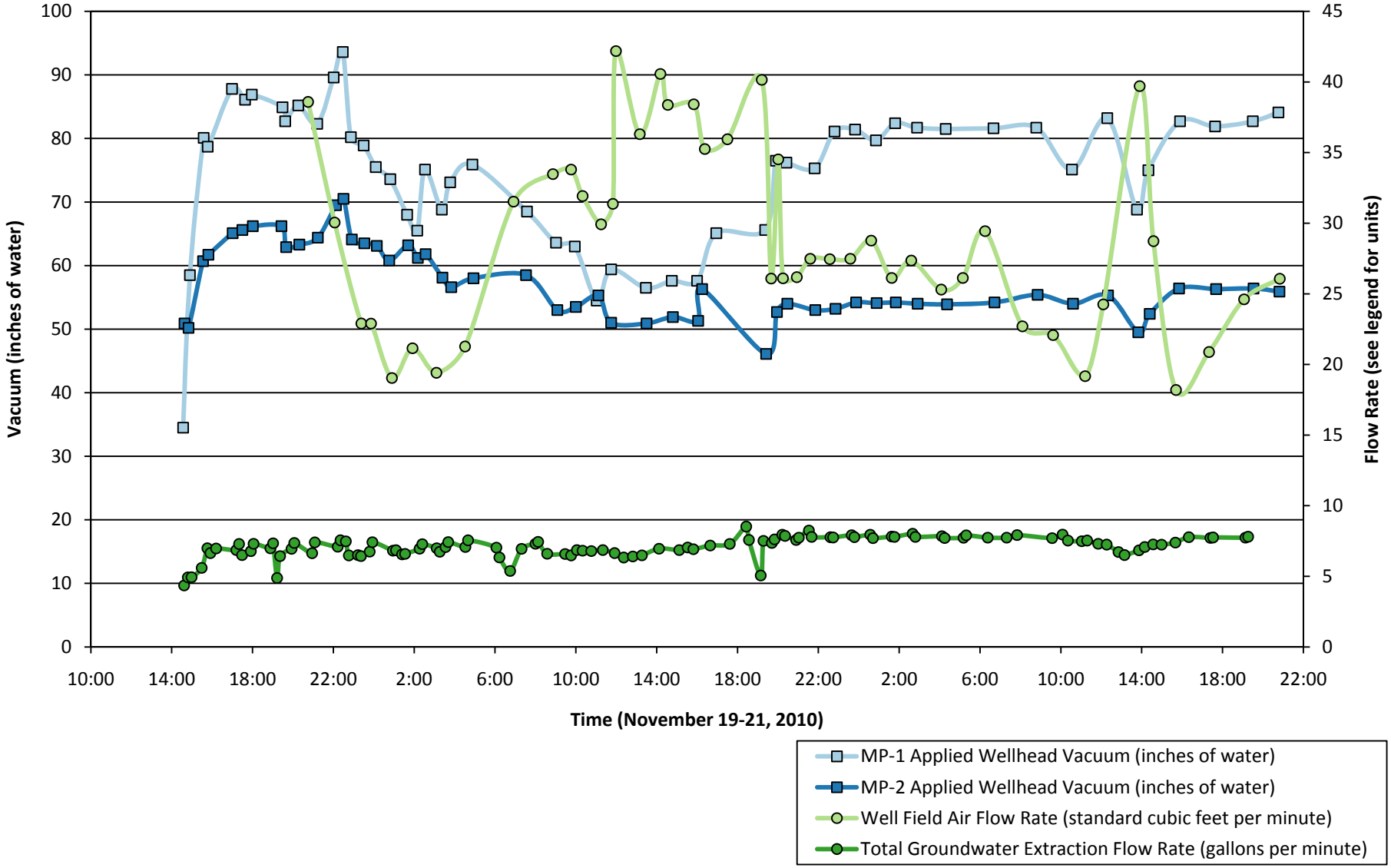


Figure 6: Extraction Well Water Level Drawdown
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

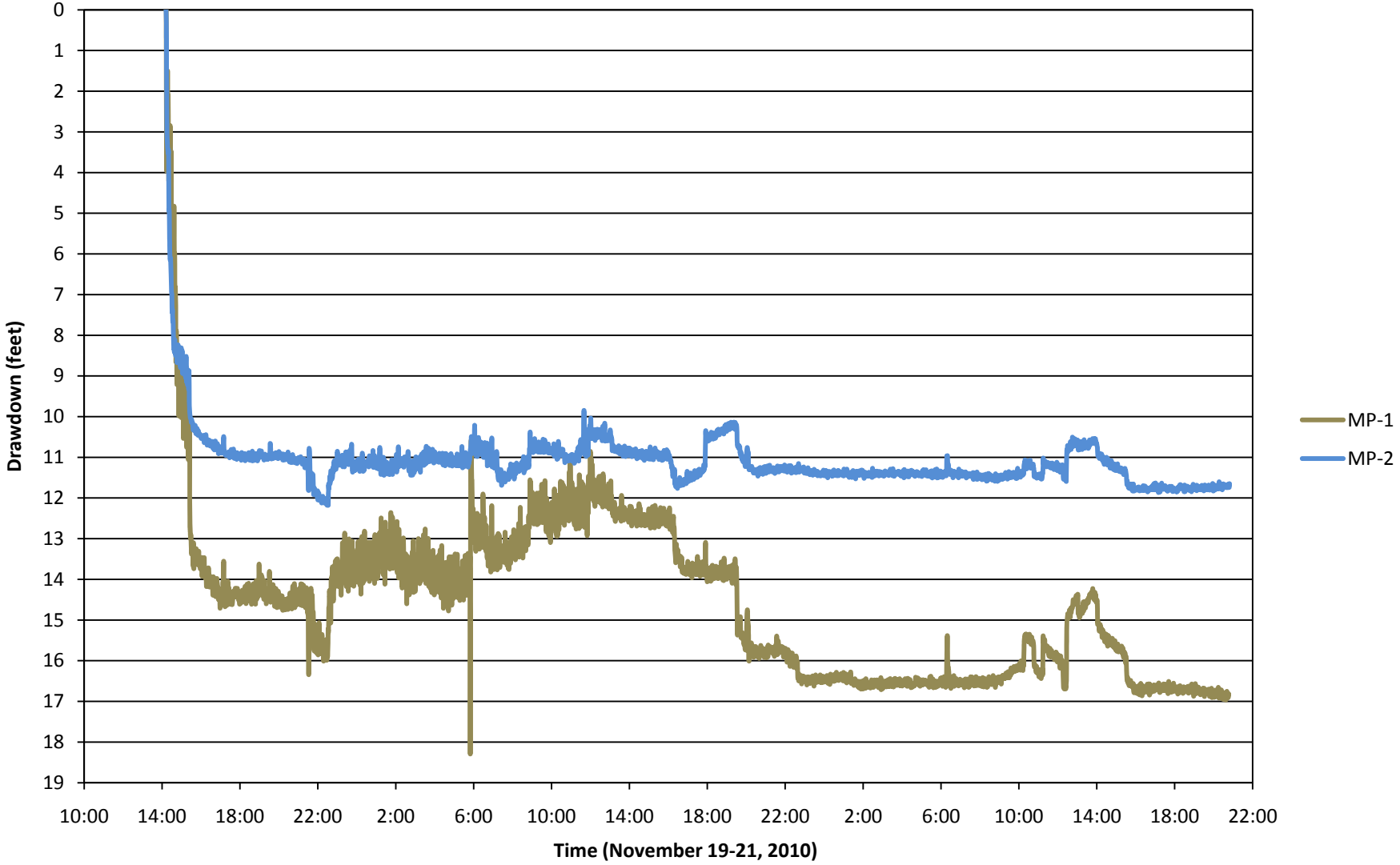
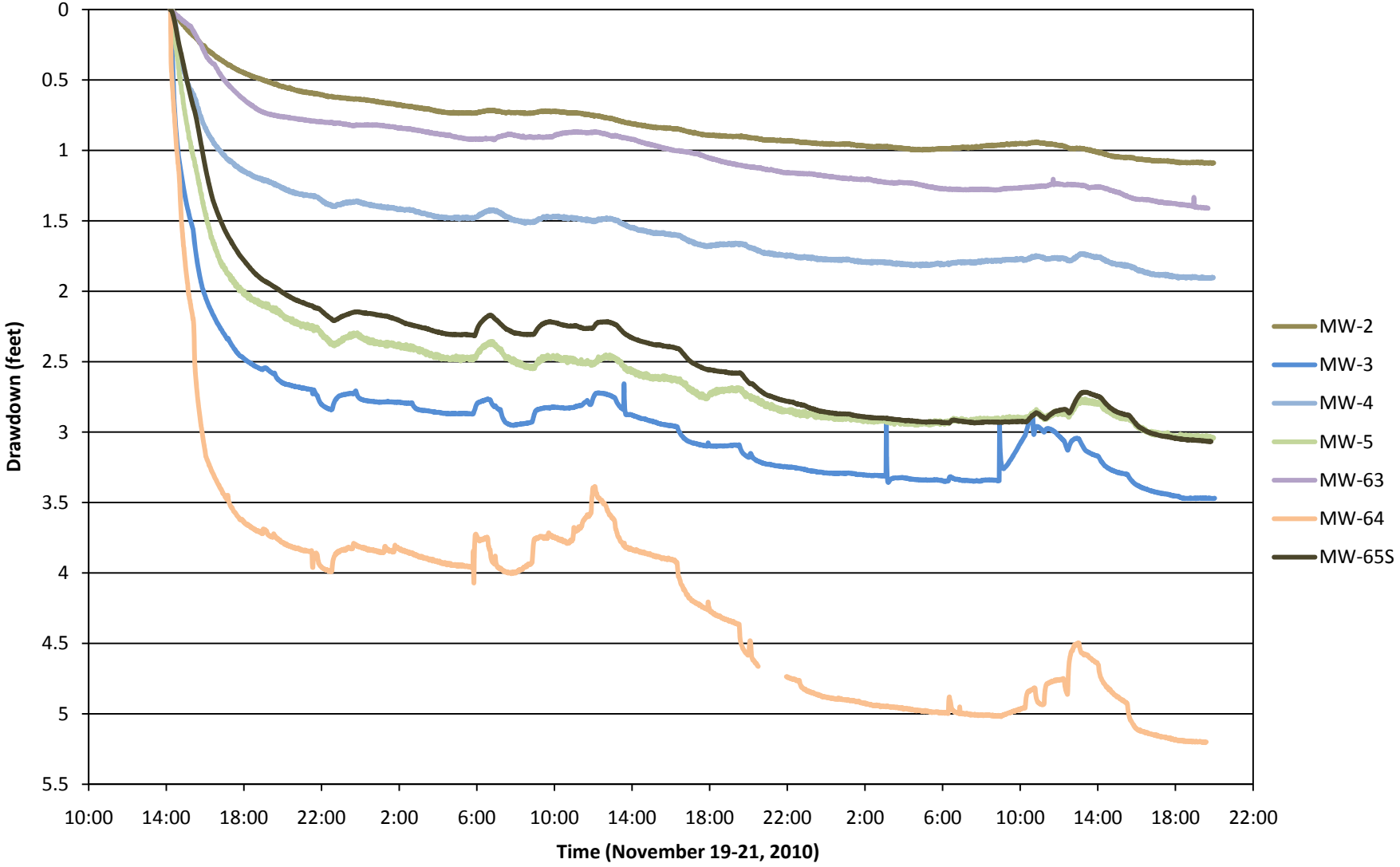


Figure 7: Monitoring Well Water Level Drawdown
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA



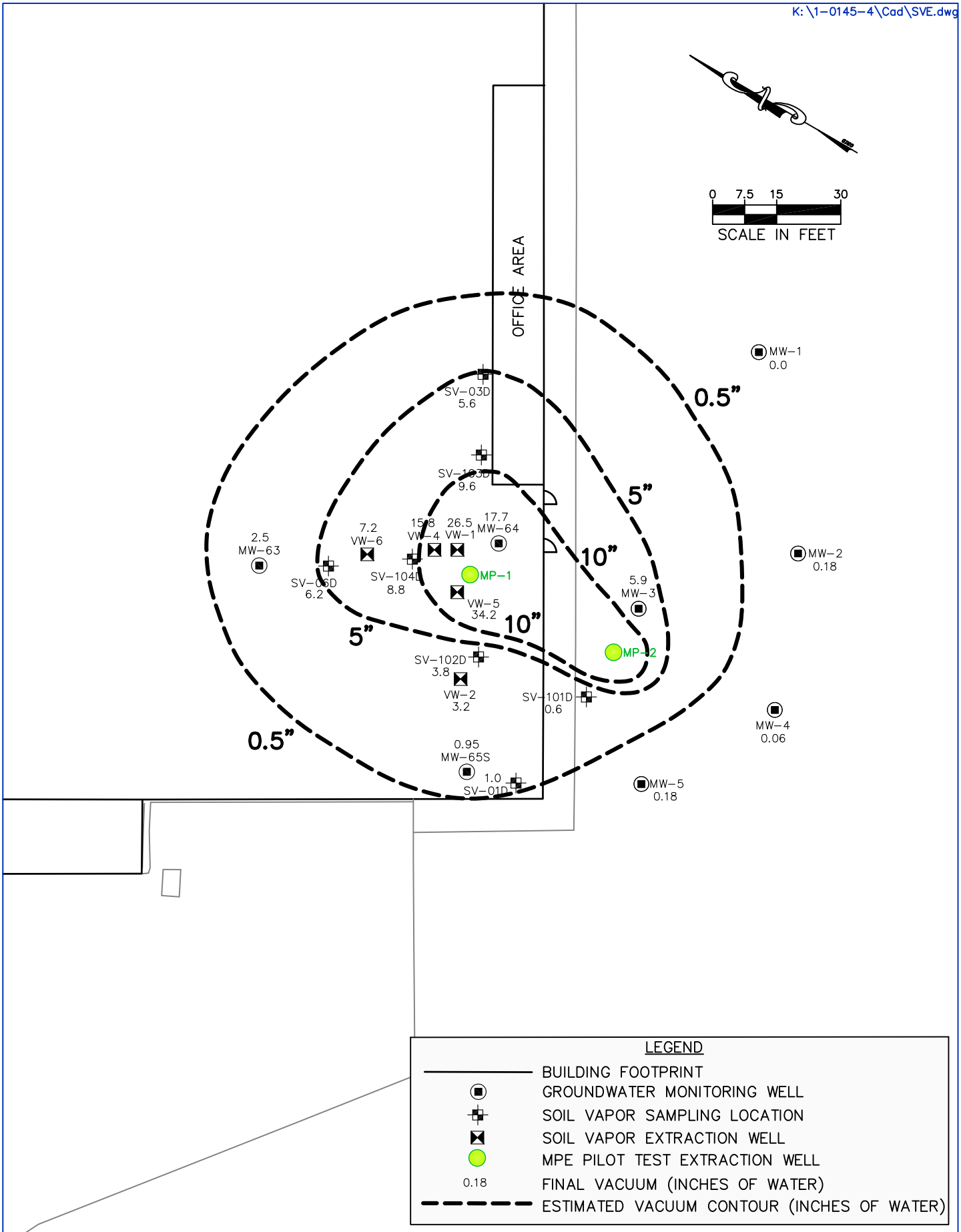


FIGURE 8: FINAL VACUUM AT MONITORING POINTS
MPE CONSTANT RATE TEST
AVERY DENNISON SITE, FLOWERY BRANCH, GA

The Johnson Company

100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: TJK	Date: 02/09/11
Reviewed by: JCK	Date: 02/09/11
Scale: As Shown	Project: 1-0145-4

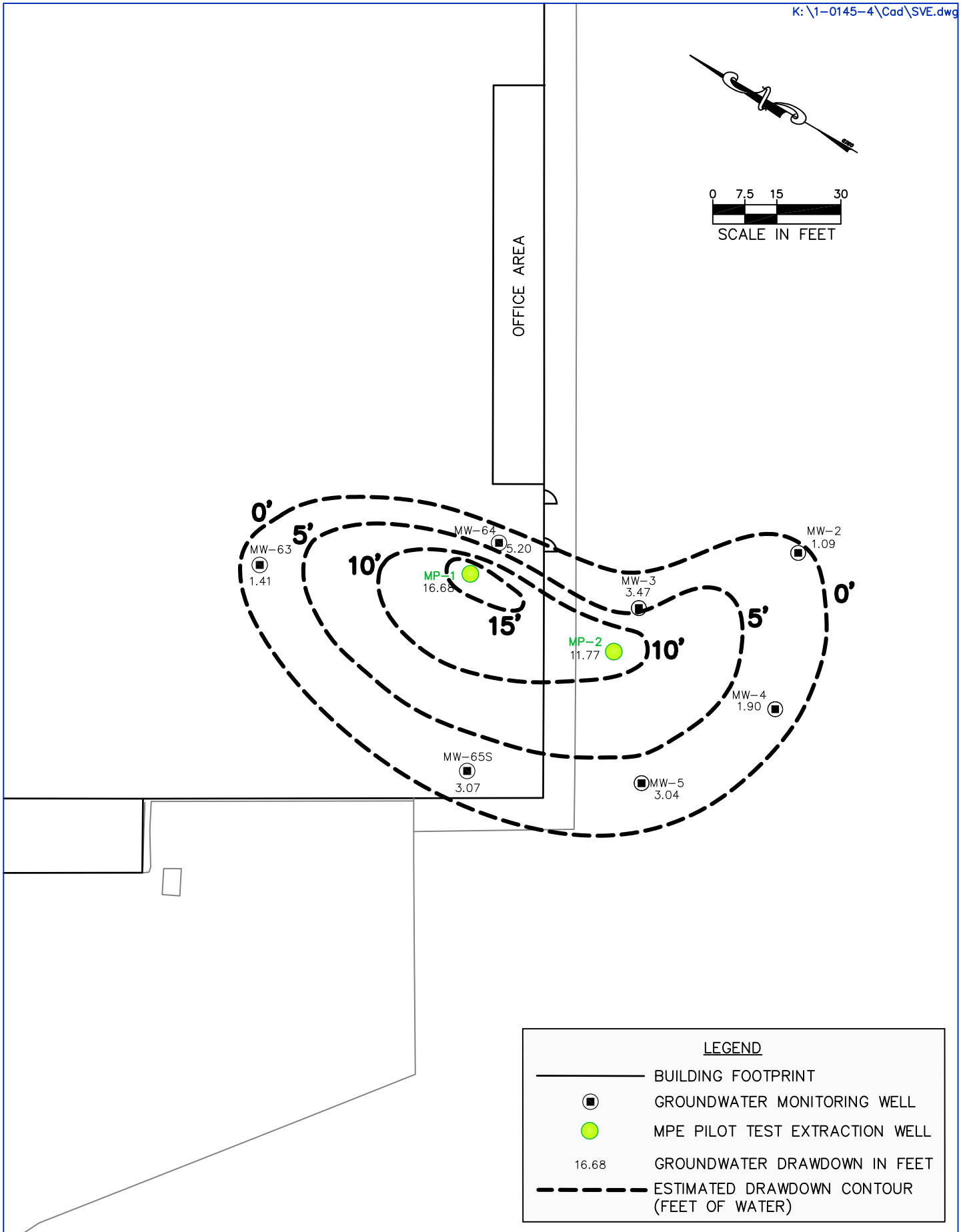


FIGURE 9: FINAL WATER LEVEL DRAWDOWN AT MONITORING POINTS - MPE CONSTANT RATE TEST AVERY DENNISON SITE, FLOWERY BRANCH, GA

The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602

Drawn by: KES	Date: 02/09/11
Reviewed by: JCK	Date: 02/09/11
Scale: As Shown	Project: 1-0145-4

APPENDIX A

PHOTOGRAPHS AND SCHEMATICS OF THE MPE SYSTEM SETUP

Portable multi-phase extraction system – side view. The air/water separator is the blue tank on the left. The liquid ring vacuum pump is the cream-colored device on the right. The diesel power generator is in the middle.

Portable multi-phase extraction system – front view. The air/water separator is the blue tank at the rear. The liquid ring vacuum pump is the cream-colored device in the foreground. The granular activated carbon (GAC) air treatment tank is the 85-gallon drum on the right.

Portable multi-phase extraction system setup at the Site.

Intake manifold with vacuum gauges mounted at the rear of the trailer.

An operator inserts the slurp tube through the top port of the MP-2 wellhead. The flexible hose runs back to the manifold at the MPE trailer.

Typical setup of the slurp tube inserted into the wellhead during operation (MP-2 shown). Various valves and gauges allow for the control and monitoring of the applied vacuum at the wellhead.

Typical setup of the slurp tube inserted into the wellhead during operation (MP-1 shown). Various valves and gauges allow for the control and monitoring of the applied vacuum at the wellhead. The collocated piezometer next to the larger extraction well is shown.

Typical indoor vapor well monitoring point instrumented with a vacuum gauge (sitting on top of the bucket).

Typical outdoor monitoring well instrumented with a vacuum gauge (sitting on top of the cooler). Extraction well MP-2 is in the background.

The portable MPE system (left) with the water untreated water discharge line running to the on-Site holding tanks (right).

APPENDIX B

DATA ANALYSIS OF HYDRAULIC CONDUCTIVITY AND VACUUM RADIUS OF INFLUENCE

Hydraulic Conductivity Analysis
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

Monitoring Well MW-2 Theis analysis:

Match point data:

1/u	4		
W(u)	0.05		
(h0-h)	0.01	ft	
t	70	min	
	0.048611	d	

Calculating T:

Q	3.5	gal/min	
	673.8	ft3/d	(x 1/7.48 ft3/gal x 1440 min/d)
T	268.1	ft2/d	
b	50	ft	estimated
K	5.4	ft/d	
	1.9E-03	cm/s	1 ft = 30.48 cm, 1 d = 86400 s
	1.9E-05	m/s	

Calculating S:

X	41.5	ft	relative to MP2
Y	20.8	ft	relative to MP2
r	46.4	ft	
S	6.0E-03		

b	K (ft/d)	K (cm/s)
30	8.9	3.2E-03
40	6.7	2.4E-03
50	5.4	1.9E-03

Monitoring Well MW-4 Theis analysis:

Match point data:

1/u	50		
W(u)	0.2		
(h0-h)	0.1	ft	
t	700	min	
	0.486111	d	

Calculating T:

Q	3.5	gal/min	
	673.8	ft3/d	(x 1/7.48 ft3/gal x 1440 min/d)
T	107.2	ft2/d	
b	50	ft	estimated
K	2.1	ft/d	
	7.7E-04	cm/s	1 ft = 30.48 cm, 1 d = 86400 s
	7.7E-06	m/s	

Calculating S:

X	35.8	ft	relative to MP2
Y	15	ft	relative to MP2
r	38.8	ft	
S	2.8E-03		

b	K (ft/d)	K (cm/s)
30	3.6	1.3E-03
40	2.7	9.6E-04
50	2.1	7.7E-04

Hydraulic Conductivity Analysis
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA

Monitoring Well MW-5 Theis analysis:

Match point data:

1/u	1		
W(u)	0.03		
(h0-h)	0.02	ft	
t	10	min	
	0.006944	d	

Calculating T:

Q	3.5	gal/min	
	673.8	ft3/d	(x 1/7.48 ft3/gal x 1440 min/d)
T	80.4	ft2/d	
b	50	ft	estimated
K	1.6	ft/d	
	5.7E-04	cm/s	1 ft = 30.48 cm, 1 d = 86400 s
	5.7E-06	m/s	

Calculating S:

X	5.7	ft	relative to MP2
Y	31.1	ft	relative to MP2
r	31.6	ft	
S	2.2E-03		

b	K (ft/d)	K (cm/s)
30	2.7	9.6E-04
40	2.0	7.2E-04
50	1.6	5.7E-04

Monitoring Well MW-63 Theis analysis:

Match point data:

1/u	9		
W(u)	0.08		
(h0-h)	0.04	ft	
t	1000	min	
	0.694444	d	

Calculating T:

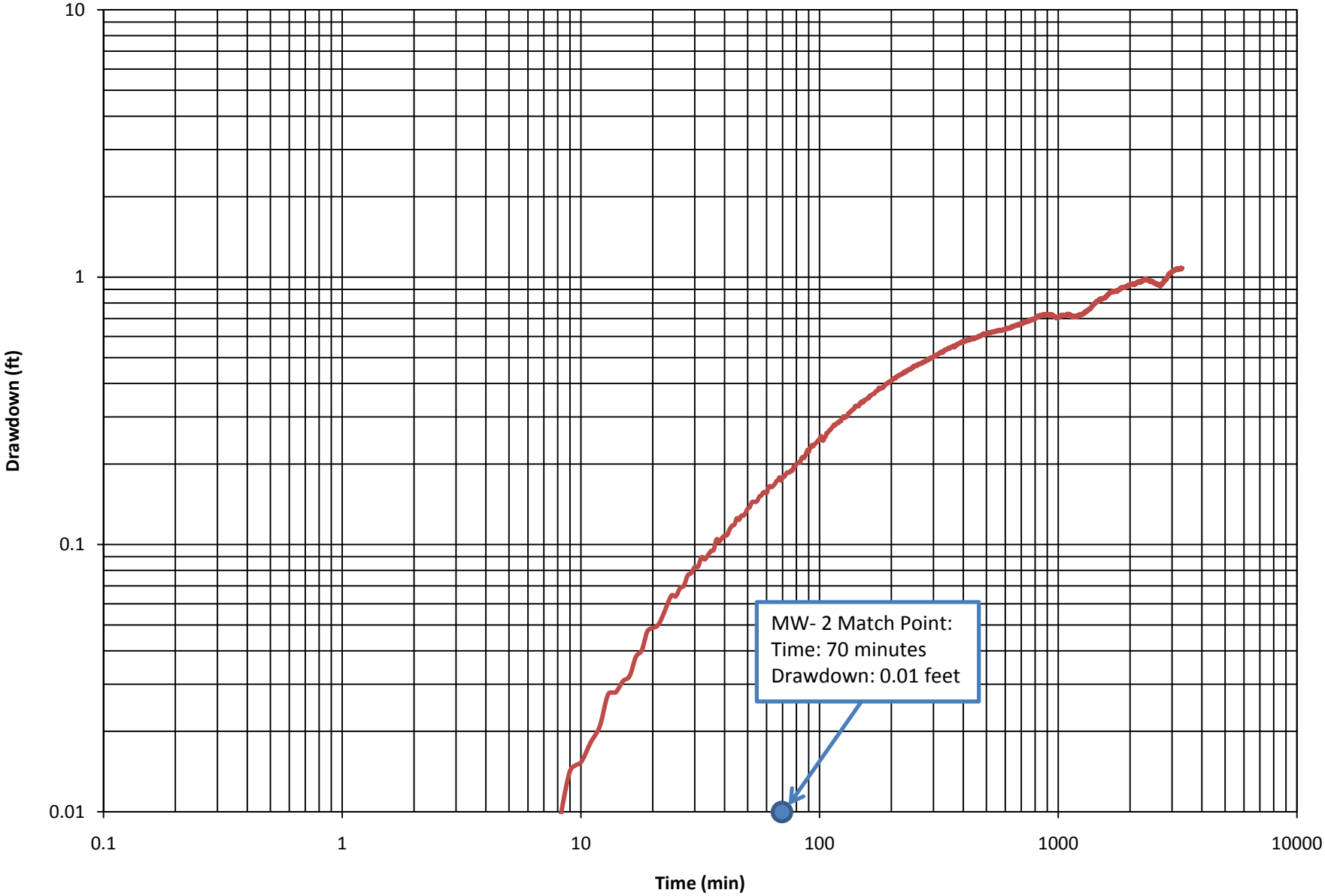
Q	3.5	gal/min	
	673.8	ft3/d	(x 1/7.48 ft3/gal x 1440 min/d)
T	107.2	ft2/d	
b	50	ft	estimated
K	2.1	ft/d	
	7.7E-04	cm/s	1 ft = 30.48 cm, 1 d = 86400 s
	7.7E-06	m/s	

Calculating S:

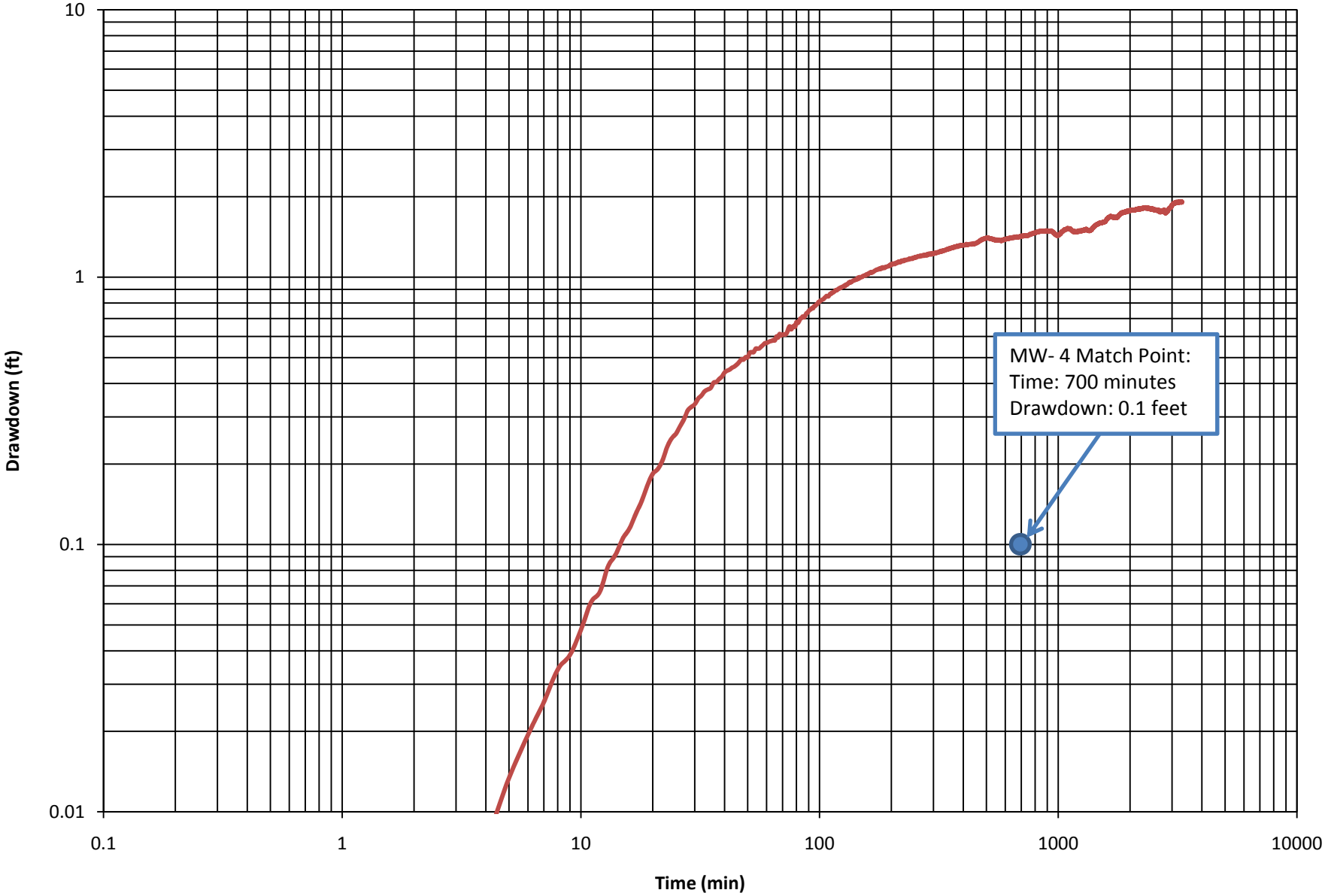
X	48.5	ft	relative to MP2
Y	2.3	ft	relative to MP2
r	48.6	ft	
S	1.4E-02		

b	K (ft/d)	K (cm/s)
30	3.6	1.3E-03
40	2.7	9.6E-04
50	2.1	7.7E-04

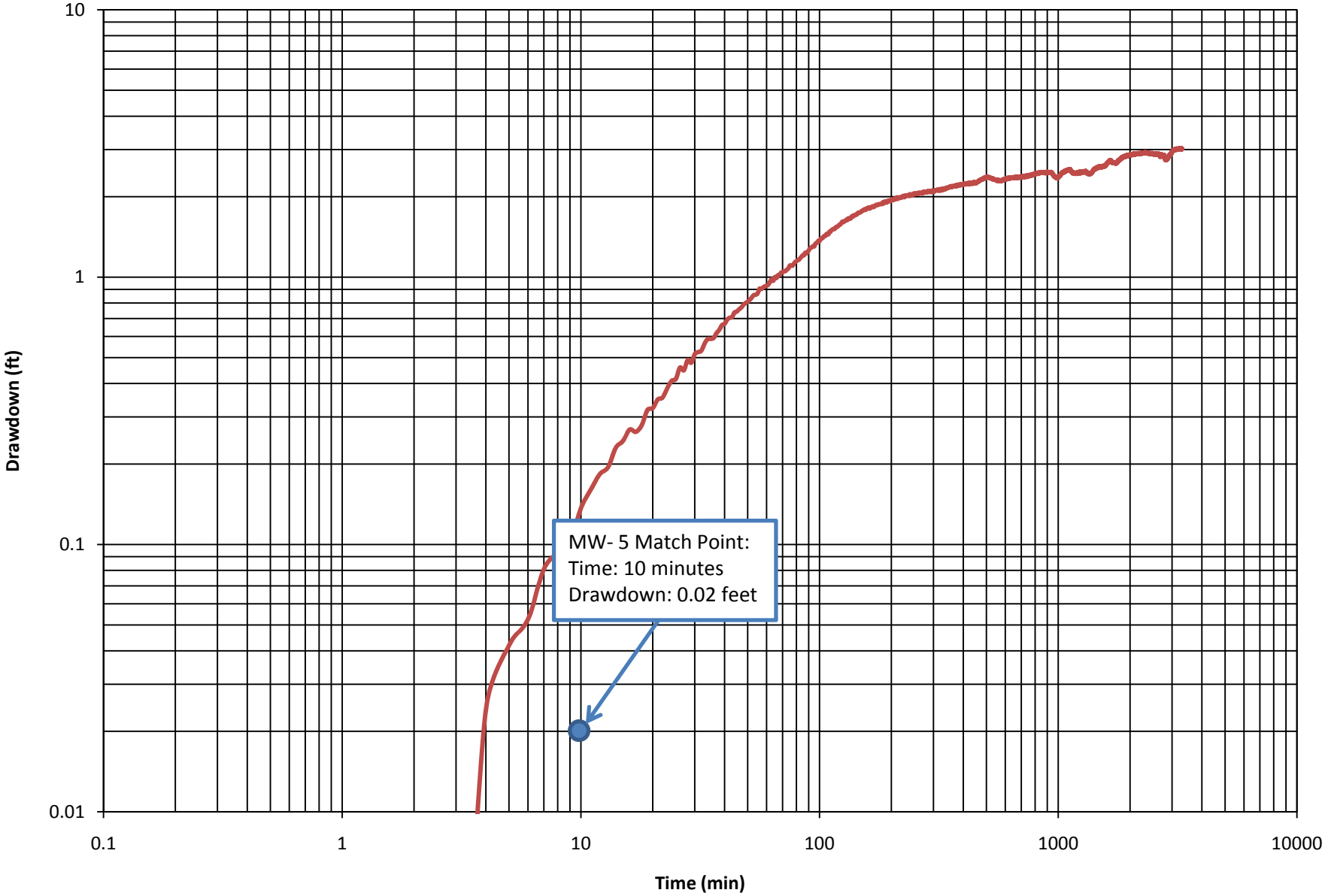
Monitoring Well: MW-2



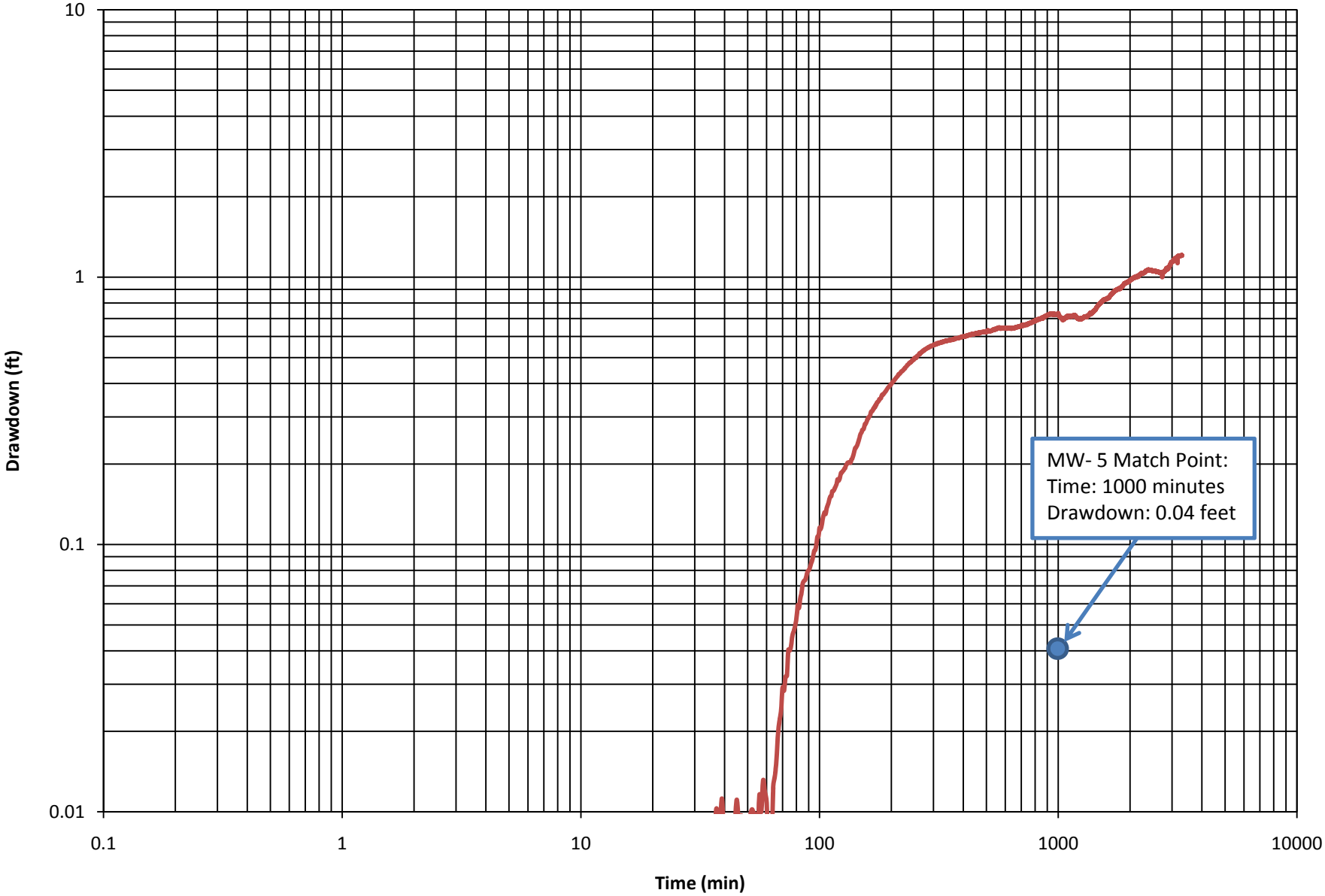
Monitoring Well: MW-4



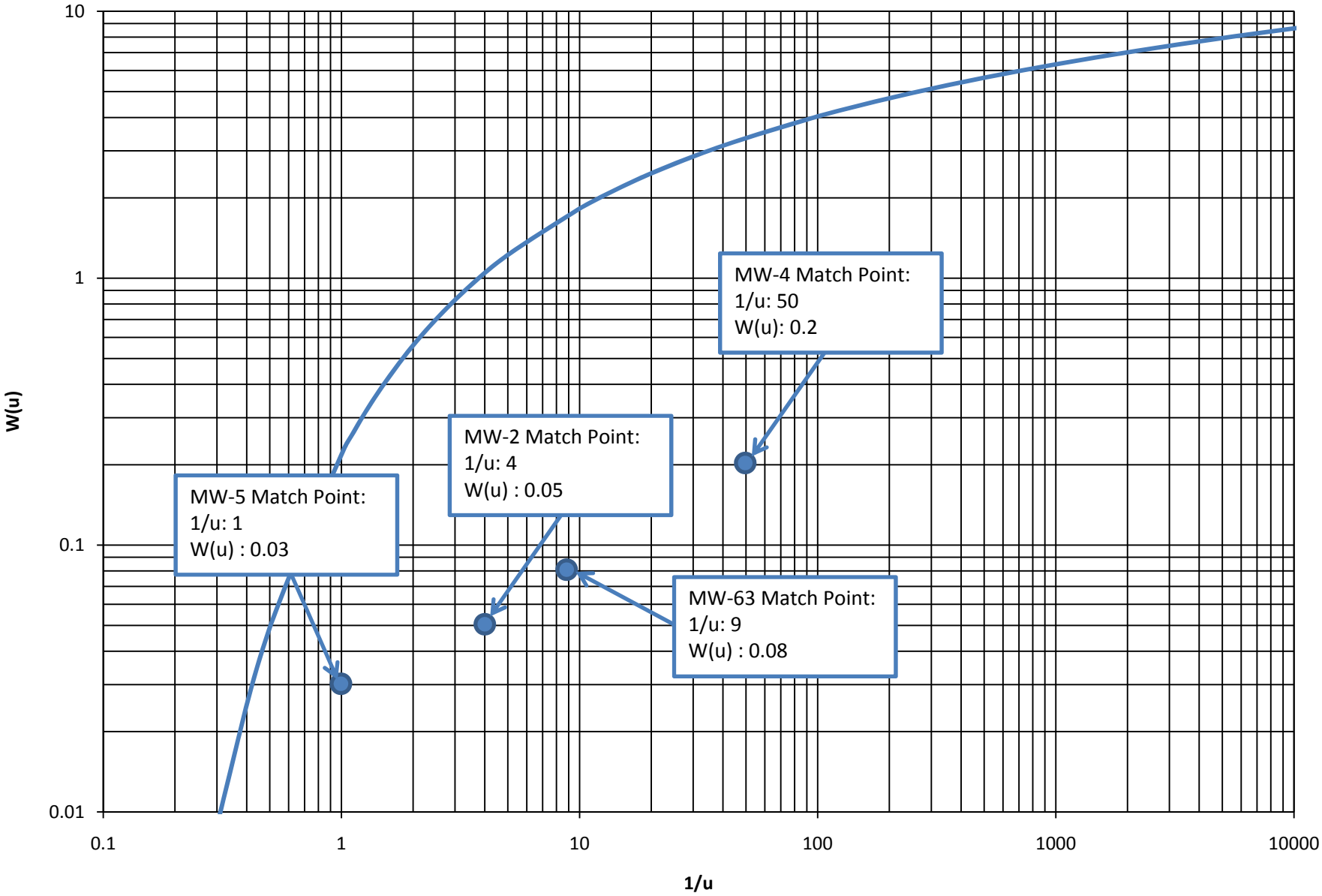
Monitoring Well: MW-5



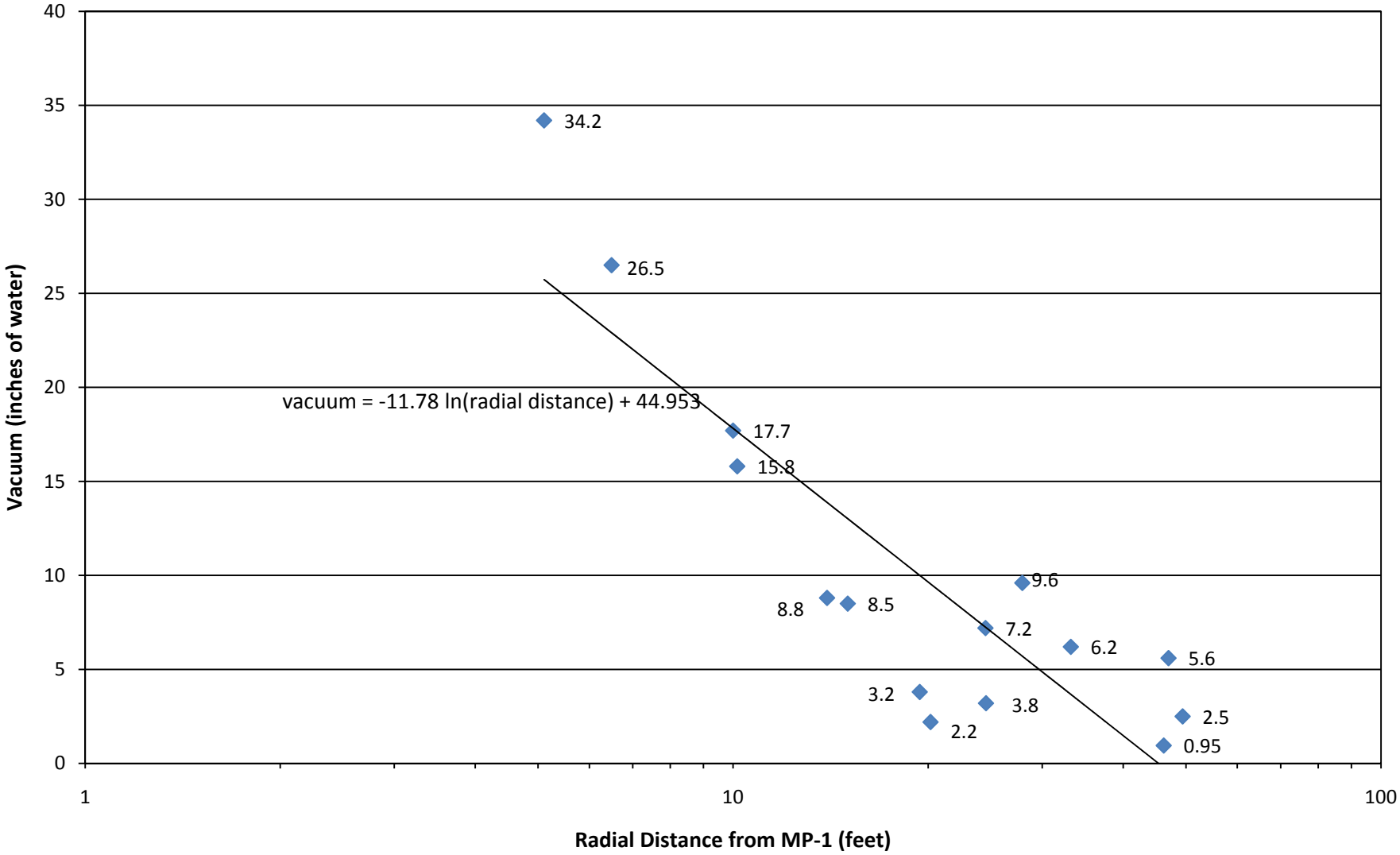
Monitoring Well: MW-63



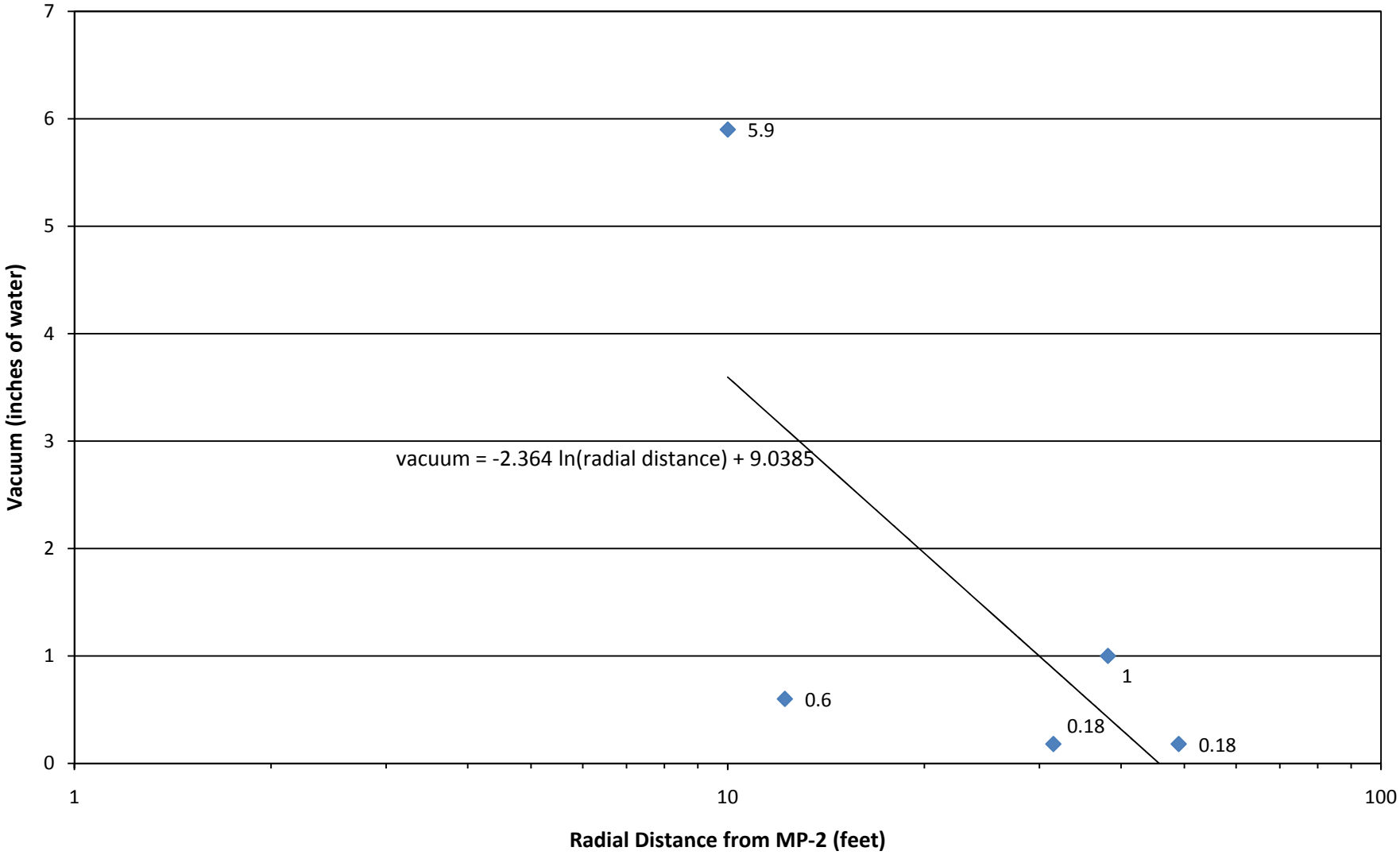
Theis Curve


10
1
0.1
0.01
W(u)
0.1
1
10
100
1000
10000
1/u
MW-4 Match Point:
1/u: 50
W(u): 0.2
MW-2 Match Point:
1/u: 4
W(u) : 0.05
MW-5 Match Point:
1/u: 1
W(u) : 0.03
MW-63 Match Point:
1/u: 9
W(u) : 0.08

Final Vacuum Response at Monitoring Points due to MP-1
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA



Final Vacuum Response at Monitoring Points due to MP-2
MPE Constant Rate Test
Avery Dennison Site, Flowery Branch, GA



APPENDIX C

ANALYTICAL LABORATORY REPORTS

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

December 07, 2010

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 11/23/2010
Group Number: 1222532
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
MP-1A Grab Water	6148580
MP-1B Grab Water	6148581
MP-2A Grab Water	6148582
MP-2B Grab Water	6148583
SYSTEM-1 Grab Water	6148584
SYSTEM-2 Grab Water	6148585
SYSTEM-3 Grab Water	6148586
TRIP BLANK Water	6148587

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Lawrence M. Taylor
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: MP-1A Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148580
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/19/2010 08:16 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLB1A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 100	100	5
10903	Benzene	71-43-2	< 25	25	5
10903	Bromodichloromethane	75-27-4	< 25	25	5
10903	Bromoform	75-25-2	< 25	25	5
10903	Bromomethane	74-83-9	< 25	25	5
10903	2-Butanone	78-93-3	< 50	50	5
10903	Carbon Disulfide	75-15-0	< 25	25	5
10903	Carbon Tetrachloride	56-23-5	< 25	25	5
10903	Chlorobenzene	108-90-7	< 25	25	5
10903	Chloroethane	75-00-3	< 25	25	5
10903	Chloroform	67-66-3	< 25	25	5
10903	Chloromethane	74-87-3	< 25	25	5
10903	Dibromochloromethane	124-48-1	< 25	25	5
10903	1,1-Dichloroethane	75-34-3	160	25	5
10903	1,2-Dichloroethane	107-06-2	< 25	25	5
10903	1,1-Dichloroethene	75-35-4	1,600	100	50
10903	cis-1,2-Dichloroethene	156-59-2	< 25	25	5
10903	trans-1,2-Dichloroethene	156-60-5	< 25	25	5
10903	1,2-Dichloropropane	78-87-5	< 25	25	5
10903	cis-1,3-Dichloropropene	10061-01-5	< 25	25	5
10903	trans-1,3-Dichloropropene	10061-02-6	< 25	25	5
10903	1,4-Dioxane	123-91-1	< 1,300	1,300	5
10903	Ethylbenzene	100-41-4	< 25	25	5
10903	2-Hexanone	591-78-6	< 50	50	5
10903	4-Methyl-2-pentanone	108-10-1	< 50	50	5
10903	Methylene Chloride	75-09-2	< 25	25	5
10903	Styrene	100-42-5	< 25	25	5
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 25	25	5
10903	Tetrachloroethene	127-18-4	< 25	25	5
10903	Toluene	108-88-3	< 25	25	5
10903	1,1,1-Trichloroethane	71-55-6	3,000	250	50
10903	1,1,2-Trichloroethane	79-00-5	< 25	25	5
10903	Trichloroethene	79-01-6	< 25	25	5
10903	Vinyl Chloride	75-01-4	< 10	10	5
10903	Xylene (Total)	1330-20-7	< 25	25	5

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AA	12/01/2010 02:36	Frank A Valla, Jr	5
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AA	12/01/2010 02:57	Frank A Valla, Jr	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103342AA	12/01/2010 02:36	Frank A Valla, Jr	5

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Analysis Report

Sample Description: MP-1A Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148580
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/19/2010 08:16 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLB1A

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103342AA	12/01/2010 02:57	Frank A Valla, Jr	50

Lancaster Laboratories

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Analysis Report

Sample Description: MP-1B Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148581
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/22/2010 12:32 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLB1B

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 40	40	2
10903	Benzene	71-43-2	< 10	10	2
10903	Bromodichloromethane	75-27-4	< 10	10	2
10903	Bromoform	75-25-2	< 10	10	2
10903	Bromomethane	74-83-9	< 10	10	2
10903	2-Butanone	78-93-3	< 20	20	2
10903	Carbon Disulfide	75-15-0	< 10	10	2
10903	Carbon Tetrachloride	56-23-5	< 10	10	2
10903	Chlorobenzene	108-90-7	< 10	10	2
10903	Chloroethane	75-00-3	< 10	10	2
10903	Chloroform	67-66-3	< 10	10	2
10903	Chloromethane	74-87-3	< 10	10	2
10903	Dibromochloromethane	124-48-1	< 10	10	2
10903	1,1-Dichloroethane	75-34-3	110	10	2
10903	1,2-Dichloroethane	107-06-2	< 10	10	2
10903	1,1-Dichloroethene	75-35-4	690	40	20
10903	cis-1,2-Dichloroethene	156-59-2	< 10	10	2
10903	trans-1,2-Dichloroethene	156-60-5	< 10	10	2
10903	1,2-Dichloropropane	78-87-5	< 10	10	2
10903	cis-1,3-Dichloropropene	10061-01-5	< 10	10	2
10903	trans-1,3-Dichloropropene	10061-02-6	< 10	10	2
10903	1,4-Dioxane	123-91-1	900	500	2
10903	Ethylbenzene	100-41-4	< 10	10	2
10903	2-Hexanone	591-78-6	< 20	20	2
10903	4-Methyl-2-pentanone	108-10-1	< 20	20	2
10903	Methylene Chloride	75-09-2	< 10	10	2
10903	Styrene	100-42-5	< 10	10	2
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 10	10	2
10903	Tetrachloroethene	127-18-4	< 10	10	2
10903	Toluene	108-88-3	< 10	10	2
10903	1,1,1-Trichloroethane	71-55-6	1,400	100	20
10903	1,1,2-Trichloroethane	79-00-5	< 10	10	2
10903	Trichloroethene	79-01-6	< 10	10	2
10903	Vinyl Chloride	75-01-4	< 4	4	2
10903	Xylene (Total)	1330-20-7	< 10	10	2

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AB	12/01/2010 11:21	Nicholas R Rossi	2
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AB	12/01/2010 11:41	Nicholas R Rossi	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103342AB	12/01/2010 11:21	Nicholas R Rossi	2

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Analysis Report

Sample Description: MP-1B Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148581
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/22/2010 12:32 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLB1B

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103342AB	12/01/2010 11:41	Nicholas R Rossi	20

Lancaster Laboratories

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Analysis Report

Sample Description: MP-2A Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148582
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/19/2010 08:45 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLB2A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	10	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	81	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AA	11/30/2010 22:47	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103342AA	11/30/2010 22:47	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MP-2B Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148583
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/22/2010 12:20 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLB2B

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	9	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	88	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	13	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AA	11/30/2010 23:29	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103342AA	11/30/2010 23:29	Frank A Valla, Jr	1

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Analysis Report

Sample Description: SYSTEM-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148584
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/19/2010 17:25 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLBS1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	140	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	690	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	12	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	11	5	1
10903	1,1,1-Trichloroethane	71-55-6	470	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	7	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AA	12/01/2010 00:31	Frank A Valla, Jr	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AA	12/01/2010 00:52	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103342AA	12/01/2010 00:31	Frank A Valla, Jr	1

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Analysis Report

Sample Description: SYSTEM-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148584
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/19/2010 17:25 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLBS1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103342AA	12/01/2010 00:52	Frank A Valla, Jr	10

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Analysis Report

Sample Description: SYSTEM-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148585
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/20/2010 17:38 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLBS2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	76	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	290	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	8	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	18	5	1
10903	1,1,1-Trichloroethane	71-55-6	430	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AA	11/30/2010 23:50	Frank A Valla, Jr	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AB	12/01/2010 12:02	Nicholas R Rossi	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103342AA	11/30/2010 23:50	Frank A Valla, Jr	1

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Analysis Report

Sample Description: SYSTEM-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148585
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/20/2010 17:38 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLBS2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103342AB	12/01/2010 12:02	Nicholas R Rossi	10

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Analysis Report

Sample Description: SYSTEM-3 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148586
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/21/2010 20:54 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLBS3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	41	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	170	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	19	5	1
10903	1,1,1-Trichloroethane	71-55-6	320	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1
Metals	**SW-846 6010B**		**mg/l**	**mg/l**	
01750	Calcium	7440-70-2	1.89	0.200	1
01754	Iron	7439-89-6	0.367	0.200	1
07058	Manganese	7439-96-5	1.17	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	7.0	4.0	10
	SM20 2320 B		**mg/l as CaCO3**	**mg/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	8.1	2.0	1
00201	Alkalinity to pH 8.3	n.a.	< 2.0	2.0	1
	SM20 2340 C		**mg/l as CaCO3**	**mg/l as CaCO3**	
00216	Total Hardness	471-34-1	13.6	2.0	1

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Analysis Report

Sample Description: SYSTEM-3 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148586
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/21/2010 20:54 by TH

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLBS3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry	**SM20 2540 C**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	33.5	30.0	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AA	12/01/2010 00:11	Frank A Valla, Jr	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AB	12/01/2010 12:23	Nicholas R Rossi	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103342AA	12/01/2010 00:11	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103342AB	12/01/2010 12:23	Nicholas R Rossi	10
01750	Calcium	SW-846 6010B	1	103281848002	11/29/2010 03:51	Tara L Snyder	1
01754	Iron	SW-846 6010B	1	103281848002	11/29/2010 03:51	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	103281848002	11/29/2010 03:51	Tara L Snyder	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	103281848002	11/28/2010 10:41	James L Mertz	1
00224	Chloride	EPA 300.0	1	10333196902B	11/30/2010 18:49	Ashley M Adams	10
00202	Alkalinity to pH 4.5	SM20 2320 B	1	10328020202B	11/24/2010 11:39	Susan A Engle	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	10328020202B	11/24/2010 11:39	Susan A Engle	1
00216	Total Hardness	SM20 2340 C	1	10331021601B	11/27/2010 11:15	Susan A Engle	1
00212	Total Dissolved Solids	SM20 2540 C	1	10328021203A	11/24/2010 10:33	Yolunder Y Bunch	1

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Analysis Report

Sample Description: TRIP BLANK Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 6148587
LLI Group # 1222532
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/19/2010

Submitted: 11/23/2010 10:00
Reported: 12/07/2010 13:26

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

FLBTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103342AA	11/30/2010 22:04	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103342AA	11/30/2010 22:04	Frank A Valla, Jr	1

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1222532
Reported: 12/07/10 at 01:26 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Y103342AA	Sample number(s): 6148580,6148582-6148587							
Acetone	< 20	20.	ug/l	111	111	49-234	0	30
Benzene	< 5	5.	ug/l	95	94	79-120	2	30
Bromodichloromethane	< 5	5.	ug/l	91	90	80-120	0	30
Bromoform	< 5	5.	ug/l	91	89	61-120	3	30
Bromomethane	< 5	5.	ug/l	91	89	44-120	2	30
2-Butanone	< 10	10.	ug/l	103	104	66-151	1	30
Carbon Disulfide	< 5	5.	ug/l	109	103	62-120	6	30
Carbon Tetrachloride	< 5	5.	ug/l	97	98	75-123	1	30
Chlorobenzene	< 5	5.	ug/l	92	93	80-120	1	30
Chloroethane	< 5	5.	ug/l	90	81	49-129	11	30
Chloroform	< 5	5.	ug/l	97	96	77-122	2	30
Chloromethane	< 5	5.	ug/l	79	76	60-129	3	30
Dibromochloromethane	< 5	5.	ug/l	92	92	80-120	0	30
1,1-Dichloroethane	< 5	5.	ug/l	99	99	79-120	1	30
1,2-Dichloroethane	< 5	5.	ug/l	97	95	70-130	2	30
1,1-Dichloroethene	< 2	2.	ug/l	105	99	74-123	6	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	96	95	80-120	2	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	97	96	80-120	1	30
1,2-Dichloropropane	< 5	5.	ug/l	93	92	78-120	1	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	88	88	80-120	0	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	92	92	79-120	0	30
1,4-Dioxane	< 250	250.	ug/l	105	98	51-129	7	30
Ethylbenzene	< 5	5.	ug/l	97	96	79-120	0	30
2-Hexanone	< 10	10.	ug/l	107	106	65-136	1	30
4-Methyl-2-pentanone	< 10	10.	ug/l	103	101	70-121	2	30
Methylene Chloride	< 5	5.	ug/l	100	95	80-120	4	30
Styrene	< 5	5.	ug/l	95	94	80-120	1	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	109	108	71-120	1	30
Tetrachloroethene	< 5	5.	ug/l	96	93	80-121	3	30
Toluene	< 5	5.	ug/l	97	97	79-120	0	30
1,1,1-Trichloroethane	< 5	5.	ug/l	96	93	75-127	3	30
1,1,2-Trichloroethane	< 5	5.	ug/l	98	97	80-120	0	30
Trichloroethene	< 5	5.	ug/l	91	93	80-120	1	30
Vinyl Chloride	< 2	2.	ug/l	77	76	65-125	1	30
Xylene (Total)	< 5	5.	ug/l	91	91	80-120	0	30
Batch number: Y103342AB	Sample number(s): 6148581,6148585-6148586							
Acetone	< 20	20.	ug/l	136	133	49-234	2	30
Benzene	< 5	5.	ug/l	94	93	79-120	1	30
Bromodichloromethane	< 5	5.	ug/l	90	89	80-120	0	30
Bromoform	< 5	5.	ug/l	93	90	61-120	3	30
Bromomethane	< 5	5.	ug/l	100	97	44-120	3	30
2-Butanone	< 10	10.	ug/l	106	105	66-151	1	30
Carbon Disulfide	< 5	5.	ug/l	100	98	62-120	2	30
Carbon Tetrachloride	< 5	5.	ug/l	92	93	75-123	1	30
Chlorobenzene	< 5	5.	ug/l	94	92	80-120	2	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1222532
Reported: 12/07/10 at 01:26 PM

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chloroethane	< 5	5.	ug/l	92	90	49-129	3	30
Chloroform	< 5	5.	ug/l	97	96	77-122	2	30
Chloromethane	< 5	5.	ug/l	87	87	60-129	1	30
Dibromochloromethane	< 5	5.	ug/l	93	91	80-120	2	30
1,1-Dichloroethane	< 5	5.	ug/l	97	98	79-120	1	30
1,2-Dichloroethane	< 5	5.	ug/l	97	95	70-130	1	30
1,1-Dichloroethene	< 2	2.	ug/l	94	93	74-123	1	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	95	96	80-120	2	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	95	95	80-120	0	30
1,2-Dichloropropane	< 5	5.	ug/l	93	94	78-120	1	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	87	86	80-120	0	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	93	91	79-120	2	30
1,4-Dioxane	< 250	250.	ug/l	90	98	51-129	8	30
Ethylbenzene	< 5	5.	ug/l	96	94	79-120	2	30
2-Hexanone	< 10	10.	ug/l	109	107	65-136	2	30
4-Methyl-2-pentanone	< 10	10.	ug/l	105	103	70-121	2	30
Methylene Chloride	< 5	5.	ug/l	97	94	80-120	3	30
Styrene	< 5	5.	ug/l	95	93	80-120	2	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	110	108	71-120	2	30
Tetrachloroethene	< 5	5.	ug/l	91	92	80-121	1	30
Toluene	< 5	5.	ug/l	98	96	79-120	2	30
1,1,1-Trichloroethane	< 5	5.	ug/l	96	95	75-127	2	30
1,1,2-Trichloroethane	< 5	5.	ug/l	98	97	80-120	1	30
Trichloroethene	< 5	5.	ug/l	92	90	80-120	1	30
Vinyl Chloride	< 2	2.	ug/l	78	78	65-125	0	30
Xylene (Total)	< 5	5.	ug/l	92	90	80-120	2	30
Batch number: 103281848002	Sample number(s): 6148586							
Calcium	< 0.200	0.200	mg/l	98		90-112		
Iron	< 0.200	0.200	mg/l	103		90-112		
Manganese	< 0.0050	0.0050	mg/l	103		90-110		
Batch number: 10333196902B	Sample number(s): 6148586							
Chloride	< 0.40	0.40	mg/l	99		90-110		
Batch number: 10328020202B	Sample number(s): 6148586							
Alkalinity to pH 4.5	< 2.0	2.0	mg/l as CaCO3	99		98-103		
Batch number: 10328021203A	Sample number(s): 6148586							
Total Dissolved Solids	< 30.0	30.0	mg/l	98		80-120		
Batch number: 10331021601B	Sample number(s): 6148586							
Total Hardness	< 2.0	2.0	mg/l as CaCO3	100		98-105		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: Y103342AA	Sample number(s): 6148580,6148582-6148587 UNSPK: 6148582								

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1222532
Reported: 12/07/10 at 01:26 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Acetone	126		52-139						
Benzene	100		80-126						
Bromodichloromethane	91		78-125						
Bromoform	86		60-121						
Bromomethane	97		38-149						
2-Butanone	100		57-138						
Carbon Disulfide	99		67-135						
Carbon Tetrachloride	105		81-138						
Chlorobenzene	97		87-124						
Chloroethane	87		51-145						
Chloroform	101		81-134						
Chloromethane	82		67-154						
Dibromochloromethane	89		74-116						
1,1-Dichloroethane	104		84-129						
1,2-Dichloroethane	98		66-141						
1,1-Dichloroethene	118 (2)		85-142						
cis-1,2-Dichloroethene	101		85-125						
trans-1,2-Dichloroethene	102		87-126						
1,2-Dichloropropane	98		83-124						
cis-1,3-Dichloropropene	86		75-125						
trans-1,3-Dichloropropene	89		74-119						
1,4-Dioxane	103		43-131						
Ethylbenzene	101		71-134						
2-Hexanone	102		55-127						
4-Methyl-2-pentanone	101		63-123						
Methylene Chloride	101		79-120						
Styrene	57*		78-125						
1,1,2,2-Tetrachloroethane	108		73-119						
Tetrachloroethene	99		80-128						
Toluene	103		80-125						
1,1,1-Trichloroethane	100		80-143						
1,1,2-Trichloroethane	98		77-124						
Trichloroethene	98		88-133						
Vinyl Chloride	85		66-133						
Xylene (Total)	96		79-125						

Batch number: Y103342AB Sample number(s): 6148581,6148585-6148586 UNSPK: 6148582

Acetone	126		52-139						
Benzene	100		80-126						
Bromodichloromethane	91		78-125						
Bromoform	86		60-121						
Bromomethane	97		38-149						
2-Butanone	100		57-138						
Carbon Disulfide	99		67-135						
Carbon Tetrachloride	105		81-138						
Chlorobenzene	97		87-124						
Chloroethane	87		51-145						
Chloroform	101		81-134						
Chloromethane	82		67-154						
Dibromochloromethane	89		74-116						
1,1-Dichloroethane	104		84-129						
1,2-Dichloroethane	98		66-141						
1,1-Dichloroethene	118 (2)		85-142						

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1222532
Reported: 12/07/10 at 01:26 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
cis-1,2-Dichloroethene	101		85-125						
trans-1,2-Dichloroethene	102		87-126						
1,2-Dichloropropane	98		83-124						
cis-1,3-Dichloropropene	86		75-125						
trans-1,3-Dichloropropene	89		74-119						
1,4-Dioxane	103		43-131						
Ethylbenzene	101		71-134						
2-Hexanone	102		55-127						
4-Methyl-2-pentanone	101		63-123						
Methylene Chloride	101		79-120						
Styrene	57*		78-125						
1,1,2,2-Tetrachloroethane	108		73-119						
Tetrachloroethene	99		80-128						
Toluene	103		80-125						
1,1,1-Trichloroethane	100		80-143						
1,1,2-Trichloroethane	98		77-124						
Trichloroethene	98		88-133						
Vinyl Chloride	85		66-133						
Xylene (Total)	96		79-125						
Batch number: 103281848002	Sample number(s): 6148586 UNSPK: P149167 BKG: P149167								
Calcium	86 (2)	85 (2)	75-125	0	20	47.3	48.7	3	20
Iron	819 (2)	350 (2)	75-125	1	20	320	333	4	20
Manganese	79 (2)	71 (2)	75-125	1	20	3.76	3.80	1	20
Batch number: 10333196902B	Sample number(s): 6148586 UNSPK: P148274 BKG: P148274								
Chloride	106		90-110			9,820	9,820	0 (1)	20
Batch number: 10328020202B	Sample number(s): 6148586 UNSPK: P142755 BKG: P144502								
Alkalinity to pH 4.5	100		73-121			146	146	1	5
Alkalinity to pH 8.3						< 2.0	< 2.0	0 (1)	5
Batch number: 10328021203A	Sample number(s): 6148586 UNSPK: P147415 BKG: P147310								
Total Dissolved Solids	97		62-135			1,570	1,660	5	9
Batch number: 10331021601B	Sample number(s): 6148586 UNSPK: P149343 BKG: P149343								
Total Hardness	101		92-109			84.3	85.7	2	5

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs TCL 3.2 + 1,4-Dioxane
Batch number: Y103342AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6148580	109	98	104	98
6148582	100	98	104	99
6148583	99	99	104	100

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1222532
Reported: 12/07/10 at 01:26 PM

Surrogate Quality Control

6148584	110	98	104	102
6148585	108	98	103	101
6148586	108	99	103	101
6148587	99	96	105	100
Blank	100	99	104	101
LCS	99	98	104	103
LCSD	99	99	105	103
MS	99	96	103	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs TCL 3.2 + 1,4-Dioxane
Batch number: Y103342AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6148581	108	97	104	100
Blank	100	99	104	99
LCS	99	98	106	104
LCSD	99	99	104	103
MS	99	96	103	102
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1222532 Sample # 6148580-87

COC # 245288

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC:
SCR#: 98689

(1) Client: THE JOHNSON CO. Acct. #:
Project Name/#: FLOWERY BRANCH PWSID #:
Project Manager: GLEN KIRKPATRICK P.O.#:
Sampler: TODD HALL Quote #:
Name of state where samples were collected: GA

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Soil	Water	Other (Potable / NPDES)	Total # of Containers	(5) Analyses Requested / Preservation Codes: VOCs (8260) H	TOTAL HARDNESS N	Ca, Fe, Mn N	TDS	ALKALINITY	CHLORIDE	Remarks
MP-1A	11/19/10	0816	X			X		3	X						
MP-1B	11/22/10	1232	X			X		3	X						
MP-2A	11/19/10	0845	X			X		3	X						
MP-2B	11/22/10	1220	X			X		3	X						
SYSTEM-1	11/19/10	1725	X			X		3	X						
SYSTEM-2	11/20/10	1738	X			X		3	X						
SYSTEM-3	11/21/10	2054	X			X		9	X	X	X	X	X	X	
TRIP BLANK	N/A	N/A	X			X		2	X						

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address: thall@jcomail.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11/18/10	1400			
[signature]	11/22/10	1440			
			[signature]	11/23/10	1000

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Company

Date of Receipt: 11/23/10

Time of Receipt: 1000

Source Code: So-1

Unpacker Emp. No.: 2308

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	0429951	0.9°c	TB	WI	Y	B	
2	↓	1.5°c	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

COC # 245288 : trip blank date = 11/22/10

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[illegible]	11/23/10	1315	Unpacking to storage
Tammy Helal	11/23/10	1332	Place in Storage or (Entry)
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

December 04, 2010

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 11/24/2010
Group Number: 1222717
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
System #1 Summa 1036 Grab Air	6149465
System #2 Summa 1038 Grab Air	6149466
System #3 Summa 884 Grab Air	6149467

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Chad A. Moline
Group Leader

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: System #1 Summa 1036 Grab Air
Avery Dennison / Flowery Branch, GA

LLI Sample # AQ 6149465
LLI Group # 1222717
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/19/2010 17:14 by JB

Submitted: 11/24/2010 09:50
Reported: 12/04/2010 09:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air EPA TO-15			ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	N.D.		25	N.D.		59	50
05298	Benzene	71-43-2	36	J	10	120	J	32	50
05298	Bromobenzene	108-86-1	N.D.		10	N.D.		64	50
05298	Bromodichloromethane	75-27-4	N.D.		10	N.D.		67	50
05298	Bromoform	75-25-2	N.D.		10	N.D.		100	50
05298	Bromomethane	74-83-9	N.D.		10	N.D.		39	50
05298	1,3-Butadiene	106-99-0	N.D.		25	N.D.		55	50
05298	2-Butanone	78-93-3	N.D.		25	N.D.		74	50
05298	Carbon Disulfide	75-15-0	N.D.		10	N.D.		31	50
05298	Carbon Tetrachloride	56-23-5	N.D.		10	N.D.		63	50
05298	Chlorobenzene	108-90-7	N.D.		10	N.D.		46	50
05298	Chlorodifluoromethane	75-45-6	N.D.		10	N.D.		35	50
05298	Chloroethane	75-00-3	39	J	10	100	J	26	50
05298	Chloroform	67-66-3	15	J	10	74	J	49	50
05298	Chloromethane	74-87-3	N.D.		10	N.D.		21	50
05298	3-Chloropropene	107-05-1	N.D.		10	N.D.		31	50
05298	Cumene	98-82-8	N.D.		10	N.D.		49	50
05298	Dibromochloromethane	124-48-1	N.D.		10	N.D.		85	50
05298	1,2-Dibromoethane	106-93-4	N.D.		10	N.D.		77	50
05298	Dibromomethane	74-95-3	N.D.		10	N.D.		71	50
05298	1,2-Dichlorobenzene	95-50-1	N.D.		10	N.D.		60	50
05298	1,3-Dichlorobenzene	541-73-1	N.D.		10	N.D.		60	50
05298	1,4-Dichlorobenzene	106-46-7	N.D.		10	N.D.		60	50
05298	Dichlorodifluoromethane	75-71-8	N.D.		10	N.D.		49	50
05298	1,1-Dichloroethane	75-34-3	12,000		1,000	47,000		4,000	5000
05298	1,2-Dichloroethane	107-06-2	84		10	340		40	50
05298	1,1-Dichloroethene	75-35-4	450,000		10,000	1,800,000		40,000	50000
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		10	N.D.		40	50
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		10	N.D.		40	50
05298	Dichlorofluoromethane	75-43-4	N.D.		10	N.D.		42	50
05298	1,2-Dichloropropane	78-87-5	N.D.		10	N.D.		46	50
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		10	N.D.		45	50
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		10	N.D.		45	50
05298	Ethylbenzene	100-41-4	13	J	10	57	J	43	50
05298	4-Ethyltoluene	622-96-8	N.D.		10	N.D.		49	50
05298	Freon 113	76-13-1	170		25	1,300		190	50
05298	Freon 114	76-14-2	N.D.		10	N.D.		70	50
05298	Heptane	142-82-5	N.D.		10	N.D.		41	50
05298	Hexachloroethane	67-72-1	N.D.		10	N.D.		97	50
05298	Hexane	110-54-3	N.D.		10	N.D.		35	50
05298	2-Hexanone	591-78-6	N.D.		25	N.D.		100	50
05298	Isooctane	540-84-1	N.D.		10	N.D.		47	50
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		10	N.D.		36	50
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		25	N.D.		100	50
05298	Methylene Chloride	75-09-2	540		10	1,900		35	50
05298	Octane	111-65-9	N.D.		10	N.D.		47	50
05298	Pentane	109-66-0	15	J	10	45	J	30	50
05298	Styrene	100-42-5	N.D.		10	N.D.		43	50
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		10	N.D.		69	50
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		10	N.D.		69	50
05298	Tetrachloroethene	127-18-4	70		10	470		68	50
05298	Toluene	108-88-3	1,200		10	4,400		38	50

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Analysis Report

Sample Description: System #1 Summa 1036 Grab Air
Avery Dennison / Flowery Branch, GA

LLI Sample # AQ 6149465
LLI Group # 1222717
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/19/2010 17:14 by JB

Submitted: 11/24/2010 09:50
Reported: 12/04/2010 09:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air EPA TO-15			ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	1,1,1-Trichloroethane	71-55-6	130,000		1,000	720,000		5,500	5000
05298	1,1,2-Trichloroethane	79-00-5	11	J	10	62	J	55	50
05298	Trichloroethene	79-01-6	150		10	830		54	50
05298	Trichlorofluoromethane	75-69-4	12	J	10	67	J	56	50
05298	1,2,3-Trichloropropane	96-18-4	N.D.		10	N.D.		60	50
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		10	N.D.		49	50
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		10	N.D.		49	50
05298	Vinyl Chloride	75-01-4	180		10	450		26	50
05298	m/p-Xylene	179601-23-1	560		10	2,400		43	50
05298	o-Xylene	95-47-6	35	J	10	150	J	43	50

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1033430AA	12/01/2010 02:15	Michael A Ziegler	50
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1033430AB	12/02/2010 03:05	Michael A Ziegler	5000
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1033430AC	12/02/2010 18:19	Michael A Ziegler	50000

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Analysis Report

Sample Description: System #2 Summa 1038 Grab Air
Avery Dennison / Flowery Branch, GA

LLI Sample # AQ 6149466
LLI Group # 1222717
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/20/2010 17:38 by JB

Submitted: 11/24/2010 09:50
Reported: 12/04/2010 09:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air EPA TO-15			ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	N.D.		25	N.D.		59	50
05298	Benzene	71-43-2	19	J	10	60	J	32	50
05298	Bromobenzene	108-86-1	N.D.		10	N.D.		64	50
05298	Bromodichloromethane	75-27-4	N.D.		10	N.D.		67	50
05298	Bromoform	75-25-2	N.D.		10	N.D.		100	50
05298	Bromomethane	74-83-9	N.D.		10	N.D.		39	50
05298	1,3-Butadiene	106-99-0	N.D.		25	N.D.		55	50
05298	2-Butanone	78-93-3	N.D.		25	N.D.		74	50
05298	Carbon Disulfide	75-15-0	N.D.		10	N.D.		31	50
05298	Carbon Tetrachloride	56-23-5	N.D.		10	N.D.		63	50
05298	Chlorobenzene	108-90-7	N.D.		10	N.D.		46	50
05298	Chlorodifluoromethane	75-45-6	N.D.		10	N.D.		35	50
05298	Chloroethane	75-00-3	30	J	10	79	J	26	50
05298	Chloroform	67-66-3	10	J	10	49	J	49	50
05298	Chloromethane	74-87-3	N.D.		10	N.D.		21	50
05298	3-Chloropropene	107-05-1	N.D.		10	N.D.		31	50
05298	Cumene	98-82-8	N.D.		10	N.D.		49	50
05298	Dibromochloromethane	124-48-1	N.D.		10	N.D.		85	50
05298	1,2-Dibromoethane	106-93-4	N.D.		10	N.D.		77	50
05298	Dibromomethane	74-95-3	N.D.		10	N.D.		71	50
05298	1,2-Dichlorobenzene	95-50-1	N.D.		10	N.D.		60	50
05298	1,3-Dichlorobenzene	541-73-1	N.D.		10	N.D.		60	50
05298	1,4-Dichlorobenzene	106-46-7	N.D.		10	N.D.		60	50
05298	Dichlorodifluoromethane	75-71-8	N.D.		10	N.D.		49	50
05298	1,1-Dichloroethane	75-34-3	6,500		100	27,000		400	500
05298	1,2-Dichloroethane	107-06-2	64		10	260		40	50
05298	1,1-Dichloroethene	75-35-4	250,000		10,000	980,000		40,000	50000
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		10	N.D.		40	50
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		10	N.D.		40	50
05298	Dichlorofluoromethane	75-43-4	N.D.		10	N.D.		42	50
05298	1,2-Dichloropropane	78-87-5	N.D.		10	N.D.		46	50
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		10	N.D.		45	50
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		10	N.D.		45	50
05298	Ethylbenzene	100-41-4	N.D.		10	N.D.		43	50
05298	4-Ethyltoluene	622-96-8	N.D.		10	N.D.		49	50
05298	Freon 113	76-13-1	N.D.		25	N.D.		190	50
05298	Freon 114	76-14-2	N.D.		10	N.D.		70	50
05298	Heptane	142-82-5	N.D.		10	N.D.		41	50
05298	Hexachloroethane	67-72-1	N.D.		10	N.D.		97	50
05298	Hexane	110-54-3	N.D.		10	N.D.		35	50
05298	2-Hexanone	591-78-6	N.D.		25	N.D.		100	50
05298	Isooctane	540-84-1	N.D.		10	N.D.		47	50
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		10	N.D.		36	50
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		25	N.D.		100	50
05298	Methylene Chloride	75-09-2	490		10	1,700		35	50
05298	Octane	111-65-9	N.D.		10	N.D.		47	50
05298	Pentane	109-66-0	N.D.		10	N.D.		30	50
05298	Styrene	100-42-5	N.D.		10	N.D.		43	50
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		10	N.D.		69	50
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		10	N.D.		69	50
05298	Tetrachloroethene	127-18-4	34	J	10	230	J	68	50
05298	Toluene	108-88-3	1,200		100	4,600		380	500

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Analysis Report

Sample Description: System #2 Summa 1038 Grab Air
Avery Dennison / Flowery Branch, GA

LLI Sample # AQ 6149466
LLI Group # 1222717
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/20/2010 17:38 by JB

Submitted: 11/24/2010 09:50
Reported: 12/04/2010 09:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air EPA TO-15			ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	1,1,1-Trichloroethane	71-55-6	200,000		10,000	1,100,000		55,000	50000
05298	1,1,2-Trichloroethane	79-00-5	N.D.		10	N.D.		55	50
05298	Trichloroethene	79-01-6	77		10	410		54	50
05298	Trichlorofluoromethane	75-69-4	N.D.		10	N.D.		56	50
05298	1,2,3-Trichloropropane	96-18-4	N.D.		10	N.D.		60	50
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		10	N.D.		49	50
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		10	N.D.		49	50
05298	Vinyl Chloride	75-01-4	95		10	240		26	50
05298	m/p-Xylene	179601-23-1	230		10	1,000		43	50
05298	o-Xylene	95-47-6	17	J	10	74	J	43	50

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1033430AA	12/01/2010 03:00	Michael A Ziegler	50
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1033430AC	12/02/2010 19:02	Michael A Ziegler	500
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1033430AC	12/02/2010 21:08	Michael A Ziegler	50000

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Analysis Report

Sample Description: System #3 Summa 884 Grab Air
Avery Dennison / Flowery Branch, GA

LLI Sample # AQ 6149467
LLI Group # 1222717
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/21/2010 20:55 by JB

Submitted: 11/24/2010 09:50
Reported: 12/04/2010 09:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air EPA TO-15			ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	Acetone	67-64-1	N.D.		25	N.D.		59	50
05298	Benzene	71-43-2	N.D.		10	N.D.		32	50
05298	Bromobenzene	108-86-1	N.D.		10	N.D.		64	50
05298	Bromodichloromethane	75-27-4	N.D.		10	N.D.		67	50
05298	Bromoform	75-25-2	N.D.		10	N.D.		100	50
05298	Bromomethane	74-83-9	N.D.		10	N.D.		39	50
05298	1,3-Butadiene	106-99-0	N.D.		25	N.D.		55	50
05298	2-Butanone	78-93-3	N.D.		25	N.D.		74	50
05298	Carbon Disulfide	75-15-0	N.D.		10	N.D.		31	50
05298	Carbon Tetrachloride	56-23-5	N.D.		10	N.D.		63	50
05298	Chlorobenzene	108-90-7	N.D.		10	N.D.		46	50
05298	Chlorodifluoromethane	75-45-6	N.D.		10	N.D.		35	50
05298	Chloroethane	75-00-3	20	J	10	53	J	26	50
05298	Chloroform	67-66-3	N.D.		10	N.D.		49	50
05298	Chloromethane	74-87-3	N.D.		10	N.D.		21	50
05298	3-Chloropropene	107-05-1	N.D.		10	N.D.		31	50
05298	Cumene	98-82-8	N.D.		10	N.D.		49	50
05298	Dibromochloromethane	124-48-1	N.D.		10	N.D.		85	50
05298	1,2-Dibromoethane	106-93-4	N.D.		10	N.D.		77	50
05298	Dibromomethane	74-95-3	N.D.		10	N.D.		71	50
05298	1,2-Dichlorobenzene	95-50-1	N.D.		10	N.D.		60	50
05298	1,3-Dichlorobenzene	541-73-1	N.D.		10	N.D.		60	50
05298	1,4-Dichlorobenzene	106-46-7	N.D.		10	N.D.		60	50
05298	Dichlorodifluoromethane	75-71-8	N.D.		10	N.D.		49	50
05298	1,1-Dichloroethane	75-34-3	3,400		100	14,000		400	500
05298	1,2-Dichloroethane	107-06-2	46	J	10	190	J	40	50
05298	1,1-Dichloroethene	75-35-4	64,000		1,000	250,000		4,000	5000
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		10	N.D.		40	50
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		10	N.D.		40	50
05298	Dichlorofluoromethane	75-43-4	N.D.		10	N.D.		42	50
05298	1,2-Dichloropropane	78-87-5	N.D.		10	N.D.		46	50
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		10	N.D.		45	50
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		10	N.D.		45	50
05298	Ethylbenzene	100-41-4	N.D.		10	N.D.		43	50
05298	4-Ethyltoluene	622-96-8	N.D.		10	N.D.		49	50
05298	Freon 113	76-13-1	N.D.		25	N.D.		190	50
05298	Freon 114	76-14-2	N.D.		10	N.D.		70	50
05298	Heptane	142-82-5	N.D.		10	N.D.		41	50
05298	Hexachloroethane	67-72-1	N.D.		10	N.D.		97	50
05298	Hexane	110-54-3	N.D.		10	N.D.		35	50
05298	2-Hexanone	591-78-6	N.D.		25	N.D.		100	50
05298	Isooctane	540-84-1	N.D.		10	N.D.		47	50
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		10	N.D.		36	50
05298	4-Methyl-2-Pentanone	108-10-1	N.D.		25	N.D.		100	50
05298	Methylene Chloride	75-09-2	260		10	890		35	50
05298	Octane	111-65-9	N.D.		10	N.D.		47	50
05298	Pentane	109-66-0	N.D.		10	N.D.		30	50
05298	Styrene	100-42-5	N.D.		10	N.D.		43	50
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		10	N.D.		69	50
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		10	N.D.		69	50
05298	Tetrachloroethene	127-18-4	19	J	10	130	J	68	50
05298	Toluene	108-88-3	1,400		100	5,300		380	500

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Analysis Report

Sample Description: System #3 Summa 884 Grab Air
Avery Dennison / Flowery Branch, GA

LLI Sample # AQ 6149467
LLI Group # 1222717
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 11/21/2010 20:55 by JB

Submitted: 11/24/2010 09:50
Reported: 12/04/2010 09:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

CAT No.	Analysis Name	CAS Number	As Received Final Result		MDL	As Received Final Result		MDL	DF
Volatiles in Air EPA TO-15			ppb(v)		ppb(v)	ug/m3		ug/m3	
05298	1,1,1-Trichloroethane	71-55-6	92,000		1,000	500,000		5,500	5000
05298	1,1,2-Trichloroethane	79-00-5	N.D.		10	N.D.		55	50
05298	Trichloroethene	79-01-6	38	J	10	210	J	54	50
05298	Trichlorofluoromethane	75-69-4	N.D.		10	N.D.		56	50
05298	1,2,3-Trichloropropane	96-18-4	N.D.		10	N.D.		60	50
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		10	N.D.		49	50
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		10	N.D.		49	50
05298	Vinyl Chloride	75-01-4	36	J	10	93	J	26	50
05298	m/p-Xylene	179601-23-1	110		10	500		43	50
05298	o-Xylene	95-47-6	10	J	10	45	J	43	50

MDL = Method Detection Limit

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1033430AA	12/01/2010 03:44	Michael A Ziegler	50
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1033430AB	12/02/2010 04:32	Michael A Ziegler	5000
05298	TO 15 VOA Ext. List	EPA TO-15	1	C1033430AC	12/02/2010 19:45	Michael A Ziegler	500

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1222717
Reported: 12/04/10 at 09:43 AM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: C1033430AA	Sample number(s): 6149465-6149467							
Acetone	N.D.	0.50	ppb(v)	87	86	56-144	0	25
Benzene	N.D.	0.20	ppb(v)	94	93	70-130	1	25
Bromobenzene	N.D.	0.20	ppb(v)					
Bromodichloromethane	N.D.	0.20	ppb(v)	106	105	73-132	2	25
Bromoform	N.D.	0.20	ppb(v)	112	103	65-135	9	25
Bromomethane	N.D.	0.20	ppb(v)	96	100	70-130	4	25
1,3-Butadiene	N.D.	0.50	ppb(v)	87	90	65-138	4	25
2-Butanone	N.D.	0.50	ppb(v)	85	87	63-135	2	25
Carbon Disulfide	N.D.	0.20	ppb(v)	77	80	59-112	3	25
Carbon Tetrachloride	N.D.	0.20	ppb(v)	97	98	70-130	1	25
Chlorobenzene	N.D.	0.20	ppb(v)	100	93	70-130	7	25
Chlorodifluoromethane	N.D.	0.20	ppb(v)					
Chloroethane	N.D.	0.20	ppb(v)	90	95	71-137	5	25
Chloroform	N.D.	0.20	ppb(v)	94	92	70-130	1	25
Chloromethane	N.D.	0.20	ppb(v)	84	85	59-135	2	25
3-Chloropropene	N.D.	0.20	ppb(v)					
Cumene	N.D.	0.20	ppb(v)					
Dibromochloromethane	N.D.	0.20	ppb(v)	109	100	70-128	9	25
1,2-Dibromoethane	N.D.	0.20	ppb(v)	108	99	71-129	8	25
Dibromomethane	N.D.	0.20	ppb(v)					
1,2-Dichlorobenzene	N.D.	0.20	ppb(v)	106	98	42-149	8	25
1,3-Dichlorobenzene	N.D.	0.20	ppb(v)	103	95	47-141	8	25
1,4-Dichlorobenzene	N.D.	0.20	ppb(v)	105	97	43-143	8	25
Dichlorodifluoromethane	N.D.	0.20	ppb(v)	103	106	75-141	2	25
1,2-Dichloroethane	N.D.	0.20	ppb(v)	105	102	70-130	2	25
cis-1,2-Dichloroethene	N.D.	0.20	ppb(v)	83	85	63-125	2	25
trans-1,2-Dichloroethene	N.D.	0.20	ppb(v)	84	87	63-119	3	25
Dichlorofluoromethane	N.D.	0.20	ppb(v)					
1,2-Dichloropropane	N.D.	0.20	ppb(v)	86	85	70-130	1	25
cis-1,3-Dichloropropene	N.D.	0.20	ppb(v)	98	98	66-127	0	25
trans-1,3-Dichloropropene	N.D.	0.20	ppb(v)	104	96	64-126	8	25
Ethylbenzene	N.D.	0.20	ppb(v)	107	97	70-130	10	25
4-Ethyltoluene	N.D.	0.20	ppb(v)	108	98	56-138	10	25
Freon 113	N.D.	0.50	ppb(v)	88	89	66-120	2	25
Freon 114	N.D.	0.20	ppb(v)	89	91	64-141	3	25
Heptane	N.D.	0.20	ppb(v)	87	87	62-124	1	25
Hexachloroethane	N.D.	0.20	ppb(v)					
Hexane	N.D.	0.20	ppb(v)	79	81	59-123	3	25
2-Hexanone	N.D.	0.50	ppb(v)	126	115	44-184	9	25
Isooctane	N.D.	0.20	ppb(v)					
Methyl t-Butyl Ether	N.D.	0.20	ppb(v)	79	79	62-125	0	25
4-Methyl-2-Pentanone	N.D.	0.50	ppb(v)	105	103	62-151	2	25
Methylene Chloride	N.D.	0.20	ppb(v)	80	83	70-130	3	25
Octane	N.D.	0.20	ppb(v)					
Pentane	N.D.	0.20	ppb(v)					
Styrene	N.D.	0.20	ppb(v)	113	102	65-136	10	25

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1222717
Reported: 12/04/10 at 09:43 AM

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1,1,2-Tetrachloroethane	N.D.	0.20	ppb(v)					
1,1,2,2-Tetrachloroethane	N.D.	0.20	ppb(v)	105	94	49-148	11	25
Tetrachloroethene	N.D.	0.20	ppb(v)	100	94	70-130	7	25
Toluene	N.D.	0.20	ppb(v)	104	95	70-130	9	25
1,1,2-Trichloroethane	N.D.	0.20	ppb(v)	103	94	64-129	9	25
Trichloroethene	N.D.	0.20	ppb(v)	99	101	70-130	2	25
Trichlorofluoromethane	N.D.	0.20	ppb(v)	106	108	70-130	2	25
1,2,3-Trichloropropane	N.D.	0.20	ppb(v)					
1,2,4-Trimethylbenzene	N.D.	0.20	ppb(v)	109	100	52-142	9	25
1,3,5-Trimethylbenzene	N.D.	0.20	ppb(v)	114	103	59-144	10	25
Vinyl Chloride	N.D.	0.20	ppb(v)	90	95	70-130	6	25
m/p-Xylene	N.D.	0.20	ppb(v)	118	107	70-130	10	25
o-Xylene	N.D.	0.20	ppb(v)	115	105	70-130	9	25
Batch number: C1033430AB	Sample number(s): 6149465,6149467							
1,1-Dichloroethane	N.D.	0.20	ppb(v)	87	87	65-127	0	25
1,1-Dichloroethene	N.D.	0.20	ppb(v)	82	86	62-118	4	25
1,1,1-Trichloroethane	N.D.	0.20	ppb(v)	94	94	70-130	1	25
Batch number: C1033430AC	Sample number(s): 6149465-6149467							
1,1-Dichloroethane	N.D.	0.20	ppb(v)	87	87	65-127	0	25
1,1-Dichloroethene	N.D.	0.20	ppb(v)	82	86	62-118	4	25
Toluene	N.D.	0.20	ppb(v)	104	95	70-130	9	25
1,1,1-Trichloroethane	N.D.	0.20	ppb(v)	94	94	70-130	1	25

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 122717 Sample # 6149465-67

COC # 241145

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: THE JOHNSON Co Acct. #:

Project Name/#: FLOWERY BRANCH PWSID #:

Project Manager: GLEN KIRKPATRICK P.O.#:

Sampler: JOEL BEHRSING Quote #:

Name of state where samples were collected: GA

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix: Soil	Water (Potable / NPDES)	Other	(4) Total # of Containers	(5) Analyses Requested: VOCs TO-15	Remarks	(6) Temperature of samples upon receipt (if requested)
SYSTEM #1 SUMMA 1036	11/19/10	17:14	X				X	1	X		
SYSTEM #2 SUMMA 1038	11/20/10	17:38	X				X	1	X		
SYSTEM #3 SUMMA 884	11/21/10	20:55	X				X	1	X	SHIPPED IN SEPARATE BOX	

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: Fax #:

E-mail address:

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

TX TRRP-13
MA MCP CT RCP

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9) Relinquished by:	Date	Time	Received by:	Date	Time
	11/22/10	15:50			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	11-24-10	0950

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Johnson Co.

Date of Receipt: 11-24-10

Time of Receipt: 0950

Source Code: 50-1

Unpacker Emp. No.: 2123

Shipping Container Sealed: (YES) NO

Custody Seal Present * : YES (NO)

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: Chilled (Not Chilled)

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1							
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

received 1 flow controller

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Kristin Wright	11-24-10	1240	Unpacking
Dan Weslinad	11/24/10	1245	Place in Storage or (Entry)
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

APPENDIX E

GROUNDWATER AND SURFACE WATER DATA COLLECTED SINCE SUBMITTAL OF THE MARCH 2010 COMPLIANCE STATUS REPORT

AVERY DENNISON FACILITY

HSI #10578

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	BR-4D	BR-4D	BR-4D	BR-4S	BR-4S	BR-4S	BR-7	BR-7-DUP
	Date	5/25/2010	11/3/2010	2/8/2011	5/25/2010	11/3/2010	2/5/2011	5/26/2010	5/26/2010
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	524	ND < 5	ND < 2	ND < 2	ND < 5	ND < 2	ND < 2	ND < 5	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

Sample ID		BR-7	BR-7-DUP	BR-7	BR-8D	BR-8D	BR-8D	BR-8S	BR-8S
Date		11/4/2010	11/4/2010	2/6/2011	5/26/2010	11/4/2010	2/6/2011	5/25/2010	11/3/2010
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	524	ND < 2	ND < 2	ND < 2	ND < 5	ND < 2	ND < 2	ND < 5	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

Sample ID		BR-8S	BR-20	BR-21	BR-22D	BR-22D	BR-22D	BR-22S	BR-22S
Date		2/7/2011	2/7/2011	2/7/2011	5/26/2010	11/4/2010	2/7/2011	5/26/2010	11/4/2010
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	ND < 5	**41**	**16**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	**160**	**61**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	524	ND < 2	**920**	**330**	ND < 5	ND < 2	ND < 2	ND < 5	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	BR-22S	BR-24	BR-24	BR-24	MW-1	MW-1	MW-1	MW-2
	Date	2/7/2011	5/26/2010	11/4/2010	2/8/2011	5/27/2010	11/3/2010	2/5/2011	5/27/2010
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	524	ND < 2	ND < 5	ND < 2	ND < 2	ND < 5	ND < 2	ND < 2	ND < 5
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-2	MW-2	MW-3	MW-3	MW-3	MW-5	MW-5	MW-5
	Date	11/3/2010	2/8/2011	5/27/2010	11/3/2010	2/5/2011	5/27/2010	11/4/2010	2/8/2011
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	**60**	ND < 5	**81**	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	**69**	**23**	**13**	**34**	**13**	**10**
1,1-Dichloroethene	524	ND < 2	ND < 2	**690**	**220**	**320**	**260**	**65**	**100**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	**3**	**3**	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

Sample ID		MW-12	MW-12-DUP	MW-20D	MW-20D	MW-20D	MW-23	MW-23	MW-23
Date		2/8/2011	2/8/2011	5/26/2010	11/3/2010	2/7/2011	5/26/2010	11/4/2010	2/8/2011
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	**9**	**8**	ND < 5	ND < 5	ND < 5	ND < 5	**8**	ND < 5
1,1-Dichloroethene	524	ND < 2	**2**	ND < 5	ND < 2	ND < 2	ND < 5	**37**	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	**12**	**15**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	**13**	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

Sample ID		MW-36D	MW-37	MW-42	MW-47D	MW-47D	MW-47D	MW-47S	MW-47S
Date		2/7/2011	2/7/2011	2/6/2011	5/26/2010	11/3/2010	2/5/2011	5/26/2010	11/3/2010
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	**100**	**180**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	**580**	**73**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	524	**460**	**430**	**3**	ND < 5	ND < 2	ND < 2	**25**	**43**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	**67**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	**4**	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	**2**	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

Sample ID		MW-47S	MW-48D	MW-48D	MW-48D	MW-48S	MW-48S	MW-48S-DUP	MW-48S
Date		2/8/2011	5/26/2010	11/4/2010	2/8/2011	5/26/2010	11/4/2010	11/4/2010	2/8/2011
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	ND < 5	**280**	**380**	**420**	**230**	**230**	**220**	**100**
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	**95**	**110**	**120**	**130**	**120**	**120**	**89**
1,1-Dichloroethene	524	**62**	**1000**	**1300**	**1400**	**1100**	**1100**	**1100**	**750**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	**260**	**470**	**480**	ND < 250	**460**	**450**	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	**4**	ND < 2	**2**	**3**	**6**	**6**	**6**	**6**
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

Sample ID		MW-48S-DUP	MW-54D	MW-57D	MW-58S	MW-60D	MW-62	MW-62	MW-62
Date		2/8/2011	2/6/2011	2/7/2011	2/7/2011	2/7/2011	5/26/2010	11/4/2010	2/6/2011
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	**100**	**260**	**430**	ND < 5	**730**	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	**86**	**90**	**230**	**54**	**140**	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	524	**670**	**660**	**1100**	**76**	**1300**	ND < 5	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	**16**	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	**5**	ND < 2	ND < 2	**6**	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-63	MW-63	MW-63	MW-64	MW-64	MW-64	MW-65D	MW-65D
	Date	5/27/2010	11/3/2010	2/4/2011	5/27/2010	11/3/2010	2/4/2011	5/27/2010	11/3/2010
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	**9**	**38**	**35**	**6100**	**6400**	**5300**	**590**	**320**
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 25	ND < 5	ND < 5
1,1-Dichloroethane	4000	**10**	**25**	**20**	**280**	**180**	**120**	**43**	**39**
1,1-Dichloroethene	524	**390**	**670**	**660**	**2100**	**2500**	**1900**	**510**	**310**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 25	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 2500	ND < 2500	ND < 1300	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 25	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 25	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 25	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 25	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	ND < 2	ND < 20	ND < 20	ND < 10	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 50	ND < 50	ND < 25	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	MW-65D	MW-65S	MW-65S	MW-65S	MW-66	MW-66	MW-66	SBW-1
	Date	2/4/2011	5/27/2010	11/3/2010	2/4/2011	5/27/2010	11/3/2010	2/4/2011	5/27/2010
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	**390**	**430**	**250**	**330**	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	**10**	**12**	**11**	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	**31**	**270**	**330**	**290**	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	524	**340**	**10000**	**10000**	**11000**	ND < 5	ND < 2	ND < 2	ND < 5
1,2-Dichloroethane	5	ND < 5	**31**	**38**	**28**	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	**790**	**1600**	**1300**	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	**5**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	**7**	**7**	**7**	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	**7**	**20**	**9**	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	**8**	ND < 5	**6**	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	SBW-1	SBW-1	SBW-2	SBW-2	SBW-2	SBW-3	SBW-3	SBW-3
	Date	11/1/2010	2/6/2011	5/27/2010	11/1/2010	2/6/2011	5/27/2010	11/1/2010	2/6/2011
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	**10**	ND < 5	ND < 5
1,1-Dichloroethene	524	**3**	ND < 2	ND < 5	ND < 2	ND < 2	**54**	**10**	**10**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	SBW-4	SBW-4	SBW-4-DUP	SBW-4	SBW-4-DUP	SBW-5	SBW-5	SBW-5
	Date	5/27/2010	11/1/2010	11/1/2010	2/6/2011	2/6/2011	5/27/2010	11/1/2010	2/6/2011
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	**27**	**52**	**53**	**51**	**51**	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	**26**	**38**	**38**	**34**	**34**	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	524	**42**	**77**	**78**	**110**	**110**	ND < 5	ND < 2	**3**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	**33**	**22**	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

Sample ID		SBW-7	SBW-7	SBW-7	SBW-8	SBW-8	SBW-8	SBW-9	SBW-9
Date		5/27/2010	11/1/2010	2/6/2011	5/27/2010	11/1/2010	2/6/2011	5/27/2010	11/1/2010
VOC (µg/L)	Type 3/4 GW RRS								
1,1,1-Trichloroethane	13600	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	**130**	**130**
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	**14**	**7**	**16**	ND < 5	ND < 5	ND < 5	**41**	**36**
1,1-Dichloroethene	524	ND < 5	ND < 2	**3**	ND < 5	**2**	**6**	**430**	**340**
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.

3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Groundwater Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, Georgia

	Sample ID	SBW-9	SBW-10	SBW-10	SBW-10
	Date	2/6/2011	5/27/2010	11/1/2010	2/6/2011
VOC (µg/L)	Type 3/4 GW RRS				
1,1,1-Trichloroethane	13600	**160**	ND < 5	ND < 5	ND < 5
1,1,2-Trichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethane	4000	**56**	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	524	**650**	ND < 5	ND < 2	ND < 2
1,2-Dichloroethane	5	ND < 5	ND < 5	ND < 5	ND < 5
1,4-Dioxane	70	ND < 250	ND < 250	ND < 250	ND < 250
Chloroethane	27800	ND < 5	ND < 5	ND < 5	ND < 5
Methylene Chloride	120	ND < 5	ND < 5	ND < 5	ND < 5
Toluene	5200	ND < 5	ND < 5	ND < 5	ND < 5
Trichloroethene	28	ND < 5	ND < 5	ND < 5	ND < 5
Vinyl Chloride	3.3	**2**	ND < 2	ND < 2	ND < 2
Xylene (Total)	10000	ND < 5	ND < 5	ND < 5	ND < 5

Notes:

1) Only compounds detected above laboratory quantitation limits (PQL) are shown.

2) Non-detects are presented as "ND < ##", where ## is the laboratory PQL.
3)"--" = Compound was not included in the laboratory analysis.

4) Type 3/4 GW RRS's referenced from "Response to 6/30/11 Comments from Georgia EPD on Flowery Branch RRS Values".

5) Xylenes (total) is the sum of m&p-Xylene and o-Xylene concentrations.

Summary of Surface Water VOC Analyses
May 2010 - February 2011
Avery Dennison Site
Flowery Branch, GA

VOCs (µg/L)	In-stream Water Quality Criteria	SW-DS-5	SW-DS-4	SW-DS-3	SW-DS-2	SW-DS-2	SW-DS-2	SW-DS-1	SW-DS-1	SW-0
		2/15/2011	2/15/2011	2/15/2011	2/6/2011	2/15/2011	2/15/2011 (Before)	2/6/2011	2/15/2011	5/27/2010
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	**3**	**3**	**4**	**2**	**4**	**4**	**3**	**5**	**3 J**
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

VOCs (µg/L)	In-stream Water Quality Criteria	SW-0	SW-0	SW-0	SW-0	SW-0	SW-0	SW-1	SW-1	SW-1
		5/27/2010 Duplicate	11/1/2010	11/1/2010 Duplicate	2/6/2011	2/6/2011 Duplicate	2/15/2011	5/27/2010	11/1/2010	2/6/2011
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	**2 J**	**4**	**4**	**3**	**3**	**5**	**3 J**	**6**	**3**
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

VOCs (µg/L)	In-stream Water Quality Criteria	SW-1	SW-2	SW-2	SW-2	SW-3	SW-3	SW-3	SW-4	SW-4
		2/15/2011	5/27/2010	11/1/2010	2/6/2011	5/27/2010	11/1/2010	2/6/2011	5/27/2010	11/1/2010
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	**5**	**4 J**	**9**	**4**	**4 J**	**2**	ND < 2	ND < 0.8	ND < 2
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

VOCs (µg/L)	In-stream Water Quality Criteria	SW-4	SW-5	SW-5	SW-5	SW-6	SW-6	SW-6
		2/6/2011	5/27/2010	11/1/2010	2/6/2011	5/27/2010	11/1/2010	2/6/2011
1,1,1-Trichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5
1,1-Dichloroethene	7100	**2**	ND < 0.8	ND < 2	ND < 2	ND < 0.8	ND < 2	ND < 2
1,1-Dichloroethane	-	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5

Notes:
1) All concentrations are expressed in micrograms per liter (µg/L).
2) Only analytes detected above laboratory quantitation limits (PQL) are shown, except for 1, 1 -Dichloroethene in May of 2010, which are compared to the laboratory method detection limit (MDL).
3) "-" indicates no In-Stream Water Quality Criteria (ISWQC) listed in Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.
4) Non-Detects are expressed as "ND < #", where # is the laboratory PQL, except for 1,1 -Dichloroethene in May of 2010, for these results # is the laboratory MDL.
5) In-stream Water Quality Criteria from Georgia Rules & Regulations for Water Quality Control Chapter 391-3-6.03.
6) Of the compounds detected in site surface water, only 1,1-Dichlorethene has a listed ISWQC.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

June 09, 2010

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 05/28/2010
Group Number: 1196577
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
BR-8S Grab Water	5993033
BR-8S-MS Grab Water	5993034
BR-8S-MSD Grab Water	5993035
BR-8D Grab Water	5993036
BR-22S Grab Water	5993037
MW-62 Grab Water	5993038
BR-7 Grab Water	5993039
BR-22D Grab Water	5993040
DP-2 Grab Water	5993041
MW-20D Grab Water	5993042
MW-66 Grab Water	5993043
MW-63 Grab Water	5993044
BR-4S Grab Water	5993045
BR-4D Grab Water	5993046
EB-1 Grab Water	5993047
TB-1 Water	5993048
MW-47D Grab Water	5993049
MW-47S Grab Water	5993050
MW-23 Grab Water	5993051
BR-24 Grab Water	5993052
MW-48S Grab Water	5993053
MW-64 Grab Water	5993054
MW-65S Grab Water	5993055
MW-65D Grab Water	5993056

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Lancaster Laboratories

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Analysis Report

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Susan M. Goshert
Group Leader

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993033
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 15:42 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-8S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993033
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 15:42 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-8S

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 12:42	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 12:42	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8S-MS Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993034
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 15:42 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-8S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	110	20	1
10903	Benzene	71-43-2	22	5	1
10903	Bromodichloromethane	75-27-4	21	5	1
10903	Bromoform	75-25-2	21	5	1
10903	Bromomethane	74-83-9	18	5	1
10903	2-Butanone	78-93-3	130	10	1
10903	Carbon Disulfide	75-15-0	17	5	1
10903	Carbon Tetrachloride	56-23-5	25	5	1
10903	Chlorobenzene	108-90-7	23	5	1
10903	Chloroethane	75-00-3	20	5	1
10903	Chloroform	67-66-3	22	5	1
10903	Chloromethane	74-87-3	19	5	1
10903	Cyclohexane	110-82-7	24	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	18	5	1
10903	Dibromochloromethane	124-48-1	21	5	1
10903	1,2-Dibromoethane	106-93-4	21	5	1
10903	1,2-Dichlorobenzene	95-50-1	21	5	1
10903	1,3-Dichlorobenzene	541-73-1	21	5	1
10903	1,4-Dichlorobenzene	106-46-7	21	5	1
10903	Dichlorodifluoromethane	75-71-8	18	5	1
10903	1,1-Dichloroethane	75-34-3	22	5	1
10903	1,2-Dichloroethane	107-06-2	22	5	1
10903	1,1-Dichloroethene	75-35-4	22	5	1
10903	cis-1,2-Dichloroethene	156-59-2	22	5	1
10903	trans-1,2-Dichloroethene	156-60-5	22	5	1
10903	1,2-Dichloropropane	78-87-5	22	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	20	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	20	5	1
10903	1,4-Dioxane	123-91-1	510	250	1
10903	Ethylbenzene	100-41-4	22	5	1
10903	Freon 113	76-13-1	25	10	1
10903	2-Hexanone	591-78-6	93	10	1
10903	Isopropylbenzene	98-82-8	21	5	1
10903	Methyl Acetate	79-20-9	21	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	20	5	1
10903	4-Methyl-2-pentanone	108-10-1	92	10	1
10903	Methylcyclohexane	108-87-2	25	5	1
10903	Methylene Chloride	75-09-2	21	5	1
10903	Styrene	100-42-5	21	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	21	5	1
10903	Tetrachloroethene	127-18-4	22	5	1
10903	Toluene	108-88-3	22	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	18	5	1
10903	1,1,1-Trichloroethane	71-55-6	22	5	1
10903	1,1,2-Trichloroethane	79-00-5	22	5	1
10903	Trichloroethene	79-01-6	23	5	1
10903	Trichlorofluoromethane	75-69-4	21	5	1
10903	Vinyl Chloride	75-01-4	21	2	1
10903	Xylene (Total)	1330-20-7	66	5	1

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Analysis Report

Sample Description: BR-8S-MS Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993034
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 15:42 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-8S

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 13:04	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 13:04	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8S-MSD Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993035
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 15:42 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-8S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	110	20	1
10903	Benzene	71-43-2	22	5	1
10903	Bromodichloromethane	75-27-4	20	5	1
10903	Bromoform	75-25-2	20	5	1
10903	Bromomethane	74-83-9	19	5	1
10903	2-Butanone	78-93-3	130	10	1
10903	Carbon Disulfide	75-15-0	16	5	1
10903	Carbon Tetrachloride	56-23-5	24	5	1
10903	Chlorobenzene	108-90-7	22	5	1
10903	Chloroethane	75-00-3	19	5	1
10903	Chloroform	67-66-3	22	5	1
10903	Chloromethane	74-87-3	19	5	1
10903	Cyclohexane	110-82-7	23	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	18	5	1
10903	Dibromochloromethane	124-48-1	20	5	1
10903	1,2-Dibromoethane	106-93-4	20	5	1
10903	1,2-Dichlorobenzene	95-50-1	21	5	1
10903	1,3-Dichlorobenzene	541-73-1	21	5	1
10903	1,4-Dichlorobenzene	106-46-7	21	5	1
10903	Dichlorodifluoromethane	75-71-8	17	5	1
10903	1,1-Dichloroethane	75-34-3	22	5	1
10903	1,2-Dichloroethane	107-06-2	22	5	1
10903	1,1-Dichloroethene	75-35-4	22	5	1
10903	cis-1,2-Dichloroethene	156-59-2	22	5	1
10903	trans-1,2-Dichloroethene	156-60-5	22	5	1
10903	1,2-Dichloropropane	78-87-5	21	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	20	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	20	5	1
10903	1,4-Dioxane	123-91-1	520	250	1
10903	Ethylbenzene	100-41-4	22	5	1
10903	Freon 113	76-13-1	24	10	1
10903	2-Hexanone	591-78-6	90	10	1
10903	Isopropylbenzene	98-82-8	21	5	1
10903	Methyl Acetate	79-20-9	27	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	20	5	1
10903	4-Methyl-2-pentanone	108-10-1	90	10	1
10903	Methylcyclohexane	108-87-2	24	5	1
10903	Methylene Chloride	75-09-2	20	5	1
10903	Styrene	100-42-5	20	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	20	5	1
10903	Tetrachloroethene	127-18-4	23	5	1
10903	Toluene	108-88-3	22	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	18	5	1
10903	1,1,1-Trichloroethane	71-55-6	21	5	1
10903	1,1,2-Trichloroethane	79-00-5	21	5	1
10903	Trichloroethene	79-01-6	23	5	1
10903	Trichlorofluoromethane	75-69-4	21	5	1
10903	Vinyl Chloride	75-01-4	21	2	1
10903	Xylene (Total)	1330-20-7	65	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8S-MSD Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993035
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 15:42 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-8S

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 13:25	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 13:25	Nicholas R Rossi	1

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Analysis Report

Sample Description: BR-8D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993036
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 08:10 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-8D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993036
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 08:10 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-8D

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 13:46	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 13:46	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-22S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993037
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 09:57 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR22S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-22S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993037
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 09:57 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR22S

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 14:07	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 14:07	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-62 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993038
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 10:47 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-62

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-62 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993038
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 10:47 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-62

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 14:29	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 14:29	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-7 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993039
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 13:27 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-7 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993039
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 13:27 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-07

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 14:50	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 14:50	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-22D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993040
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 14:57 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR22D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-22D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993040
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 14:57 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR22D

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 15:11	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 15:11	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: DP-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993041
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 12:00 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BRDP2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

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Analysis Report

Sample Description: DP-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993041
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 12:00 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BRDP2

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 15:33	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 15:33	Nicholas R Rossi	1

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Analysis Report

Sample Description: MW-20D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993042
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 16:12 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW20D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

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Analysis Report

Sample Description: MW-20D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993042
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 16:12 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW20D

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 15:54	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 15:54	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-66 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993043
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 07:47 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-66

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

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Analysis Report

Sample Description: MW-66 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993043
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 07:47 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-66

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 16:15	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 16:15	Nicholas R Rossi	1

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Analysis Report

Sample Description: MW-63 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993044
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 08:47 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-63

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	10	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	390	50	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	9	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-63 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993044
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 08:47 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-63

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 16:36	Nicholas R Rossi	1
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 10:19	Holly Berry	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 16:36	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y101541AA	06/03/2010 10:19	Holly Berry	10

Lancaster Laboratories

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Analysis Report

Sample Description: BR-4S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993045
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 15:47 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-4S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-4S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993045
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 15:47 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-4S

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 16:58	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 16:58	Nicholas R Rossi	1

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Analysis Report

Sample Description: BR-4D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993046
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 17:00 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-4D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-4D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993046
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010 17:00 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-4D

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 17:19	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 17:19	Nicholas R Rossi	1

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Analysis Report

Sample Description: EB-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993047
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 06:30 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BREB1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: EB-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993047
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 06:30 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BREB1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 17:40	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 17:40	Nicholas R Rossi	1

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Analysis Report

Sample Description: TB-1 Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993048
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BRTB1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: TB-1 Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993048
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/25/2010

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BRTB1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 18:01	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 18:01	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-47D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993049
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 08:12 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW47D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-47D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993049
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 08:12 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW47D

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 18:23	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 18:23	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-47S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993050
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 09:22 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW47S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	25	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-47S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993050
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 09:22 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW47S

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 18:44	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 18:44	Nicholas R Rossi	1

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Analysis Report

Sample Description: MW-23 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993051
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 10:47 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-23 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993051
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 10:47 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-23

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 19:05	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 19:05	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-24 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993052
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 14:10 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-24 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993052
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 14:10 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-24

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 19:27	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 19:27	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-48S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993053
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 15:25 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW48S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	130	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	1,100	50	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	230	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	6	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-48S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993053
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 15:25 by WD

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW48S

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 09:58	Holly Berry	1
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 10:40	Holly Berry	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 09:58	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y101541AA	06/03/2010 10:40	Holly Berry	10

Lancaster Laboratories

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Analysis Report

Sample Description: MW-64 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993054
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 09:52 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-64

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 200	200	10
10903	Benzene	71-43-2	< 50	50	10
10903	Bromodichloromethane	75-27-4	< 50	50	10
10903	Bromoform	75-25-2	< 50	50	10
10903	Bromomethane	74-83-9	< 50	50	10
10903	2-Butanone	78-93-3	< 100	100	10
10903	Carbon Disulfide	75-15-0	< 50	50	10
10903	Carbon Tetrachloride	56-23-5	< 50	50	10
10903	Chlorobenzene	108-90-7	< 50	50	10
10903	Chloroethane	75-00-3	< 50	50	10
10903	Chloroform	67-66-3	< 50	50	10
10903	Chloromethane	74-87-3	< 50	50	10
10903	Cyclohexane	110-82-7	< 50	50	10
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 50	50	10
10903	Dibromochloromethane	124-48-1	< 50	50	10
10903	1,2-Dibromoethane	106-93-4	< 50	50	10
10903	1,2-Dichlorobenzene	95-50-1	< 50	50	10
10903	1,3-Dichlorobenzene	541-73-1	< 50	50	10
10903	1,4-Dichlorobenzene	106-46-7	< 50	50	10
10903	Dichlorodifluoromethane	75-71-8	< 50	50	10
10903	1,1-Dichloroethane	75-34-3	280	50	10
10903	1,2-Dichloroethane	107-06-2	< 50	50	10
10903	1,1-Dichloroethene	75-35-4	2,100	50	10
10903	cis-1,2-Dichloroethene	156-59-2	< 50	50	10
10903	trans-1,2-Dichloroethene	156-60-5	< 50	50	10
10903	1,2-Dichloropropane	78-87-5	< 50	50	10
10903	cis-1,3-Dichloropropene	10061-01-5	< 50	50	10
10903	trans-1,3-Dichloropropene	10061-02-6	< 50	50	10
10903	1,4-Dioxane	123-91-1	< 2,500	2,500	10
10903	Ethylbenzene	100-41-4	< 50	50	10
10903	Freon 113	76-13-1	< 100	100	10
10903	2-Hexanone	591-78-6	< 100	100	10
10903	Isopropylbenzene	98-82-8	< 50	50	10
10903	Methyl Acetate	79-20-9	< 50	50	10
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 50	50	10
10903	4-Methyl-2-pentanone	108-10-1	< 100	100	10
10903	Methylcyclohexane	108-87-2	< 50	50	10
10903	Methylene Chloride	75-09-2	< 50	50	10
10903	Styrene	100-42-5	< 50	50	10
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 50	50	10
10903	Tetrachloroethene	127-18-4	< 50	50	10
10903	Toluene	108-88-3	< 50	50	10
10903	1,2,4-Trichlorobenzene	120-82-1	< 50	50	10
10903	1,1,1-Trichloroethane	71-55-6	6,100	500	100
10903	1,1,2-Trichloroethane	79-00-5	< 50	50	10
10903	Trichloroethene	79-01-6	< 50	50	10
10903	Trichlorofluoromethane	75-69-4	< 50	50	10
10903	Vinyl Chloride	75-01-4	< 20	20	10
10903	Xylene (Total)	1330-20-7	< 50	50	10

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Analysis Report

Sample Description: MW-64 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993054
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 09:52 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-64

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 20:31	Nicholas R Rossi	10
10903	8260 Std. Water Master	SW-846 8260B	1	Y101521AA	06/01/2010 20:52	Nicholas R Rossi	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101521AA	06/01/2010 20:31	Nicholas R Rossi	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y101521AA	06/01/2010 20:52	Nicholas R Rossi	100

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Analysis Report

Sample Description: MW-65S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993055
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 11:02 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW65S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	270	50	10
10903	1,2-Dichloroethane	107-06-2	31	5	1
10903	1,1-Dichloroethene	75-35-4	10,000	500	100
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	790	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	430	50	10
10903	1,1,2-Trichloroethane	79-00-5	10	5	1
10903	Trichloroethene	79-01-6	7	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	7	2	1
10903	Xylene (Total)	1330-20-7	8	5	1

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Analysis Report

Sample Description: MW-65S Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993055
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 11:02 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW65S

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 08:12	Holly Berry	1
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 08:33	Holly Berry	10
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 11:01	Holly Berry	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 08:12	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y101541AA	06/03/2010 08:33	Holly Berry	10
01163	GC/MS VOA Water Prep	SW-846 5030B	3	Y101541AA	06/03/2010 11:01	Holly Berry	100

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Analysis Report

Sample Description: MW-65D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993056
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 12:47 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW65D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	43	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	510	50	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	590	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

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Analysis Report

Sample Description: MW-65D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993056
LLI Group # 1196577
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 12:47 by TH

Submitted: 05/28/2010 09:00
Reported: 06/09/2010 14:34
Discard: 06/17/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW65D

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 08:54	Holly Berry	1
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 09:15	Holly Berry	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 08:54	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y101541AA	06/03/2010 09:15	Holly Berry	10

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196577
Reported: 06/09/10 at 02:34 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Y101521AA	Sample number(s): 5993033-5993052,5993054							
Acetone	< 20	20.	ug/l	112		49-234		
Benzene	< 5	5.	ug/l	105		79-120		
Bromodichloromethane	< 5	5.	ug/l	103		80-120		
Bromoform	< 5	5.	ug/l	109		61-120		
Bromomethane	< 5	5.	ug/l	88		44-120		
2-Butanone	< 10	10.	ug/l	102		66-151		
Carbon Disulfide	< 5	5.	ug/l	87		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	114		75-123		
Chlorobenzene	< 5	5.	ug/l	109		80-120		
Chloroethane	< 5	5.	ug/l	90		49-129		
Chloroform	< 5	5.	ug/l	108		77-122		
Chloromethane	< 5	5.	ug/l	89		60-129		
Cyclohexane	< 5	5.	ug/l	96		65-125		
1,2-Dibromo-3-chloropropane	< 5	5.	ug/l	93		66-120		
Dibromochloromethane	< 5	5.	ug/l	106		80-120		
1,2-Dibromoethane	< 5	5.	ug/l	102		80-120		
1,2-Dichlorobenzene	< 5	5.	ug/l	103		80-120		
1,3-Dichlorobenzene	< 5	5.	ug/l	100		80-120		
1,4-Dichlorobenzene	< 5	5.	ug/l	102		80-120		
Dichlorodifluoromethane	< 5	5.	ug/l	70		54-152		
1,1-Dichloroethane	< 5	5.	ug/l	105		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	110		70-130		
1,1-Dichloroethene	< 5	5.	ug/l	101		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	103		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	105		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	105		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	100		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	102		79-120		
1,4-Dioxane	< 250	250.	ug/l	96		51-129		
Ethylbenzene	< 5	5.	ug/l	104		79-120		
Freon 113	< 10	10.	ug/l	97		69-128		
2-Hexanone	< 10	10.	ug/l	99		65-136		
Isopropylbenzene	< 5	5.	ug/l	101		77-120		
Methyl Acetate	< 5	5.	ug/l	121		73-139		
Methyl Tertiary Butyl Ether	< 5	5.	ug/l	100		76-120		
4-Methyl-2-pentanone	< 10	10.	ug/l	93		70-121		
Methylcyclohexane	< 5	5.	ug/l	97		71-132		
Methylene Chloride	< 5	5.	ug/l	102		80-120		
Styrene	< 5	5.	ug/l	102		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	103		71-120		
Tetrachloroethene	< 5	5.	ug/l	105		80-121		
Toluene	< 5	5.	ug/l	106		79-120		
1,2,4-Trichlorobenzene	< 5	5.	ug/l	89		67-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	102		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	106		80-120		
Trichloroethene	< 5	5.	ug/l	108		80-120		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196577
Reported: 06/09/10 at 02:34 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichlorofluoromethane	< 5	5.	ug/l	89		64-129		
Vinyl Chloride	< 2	2.	ug/l	92		59-120		
Xylene (Total)	< 5	5.	ug/l	105		80-120		
Batch number: Y101541AA	Sample number(s): 5993044,5993053,5993055-5993056							
Acetone	< 20	20.	ug/l	112		49-234		
Benzene	< 5	5.	ug/l	101		79-120		
Bromodichloromethane	< 5	5.	ug/l	103		80-120		
Bromoform	< 5	5.	ug/l	110		61-120		
Bromomethane	< 5	5.	ug/l	90		44-120		
2-Butanone	< 10	10.	ug/l	111		66-151		
Carbon Disulfide	< 5	5.	ug/l	93		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	112		75-123		
Chlorobenzene	< 5	5.	ug/l	107		80-120		
Chloroethane	< 5	5.	ug/l	89		49-129		
Chloroform	< 5	5.	ug/l	106		77-122		
Chloromethane	< 5	5.	ug/l	86		60-129		
Cyclohexane	< 5	5.	ug/l	104		65-125		
1,2-Dibromo-3-chloropropane	< 5	5.	ug/l	100		66-120		
Dibromochloromethane	< 5	5.	ug/l	106		80-120		
1,2-Dibromoethane	< 5	5.	ug/l	101		80-120		
1,2-Dichlorobenzene	< 5	5.	ug/l	103		80-120		
1,3-Dichlorobenzene	< 5	5.	ug/l	101		80-120		
1,4-Dichlorobenzene	< 5	5.	ug/l	102		80-120		
Dichlorodifluoromethane	< 5	5.	ug/l	76		54-152		
1,1-Dichloroethane	< 5	5.	ug/l	103		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	108		70-130		
1,1-Dichloroethene	< 5	5.	ug/l	98		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	102		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	99		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	104		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	99		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	98		79-120		
1,4-Dioxane	< 250	250.	ug/l	95		51-129		
Ethylbenzene	< 5	5.	ug/l	101		79-120		
Freon 113	< 10	10.	ug/l	105		69-128		
2-Hexanone	< 10	10.	ug/l	105		65-136		
Isopropylbenzene	< 5	5.	ug/l	99		77-120		
Methyl Acetate	< 5	5.	ug/l	123		73-139		
Methyl Tertiary Butyl Ether	< 5	5.	ug/l	100		76-120		
4-Methyl-2-pentanone	< 10	10.	ug/l	95		70-121		
Methylcyclohexane	< 5	5.	ug/l	107		71-132		
Methylene Chloride	< 5	5.	ug/l	101		80-120		
Styrene	< 5	5.	ug/l	99		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	100		71-120		
Tetrachloroethene	< 5	5.	ug/l	113		80-121		
Toluene	< 5	5.	ug/l	101		79-120		
1,2,4-Trichlorobenzene	< 5	5.	ug/l	90		67-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	105		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	105		80-120		
Trichloroethene	< 5	5.	ug/l	110		80-120		
Trichlorofluoromethane	< 5	5.	ug/l	93		64-129		
Vinyl Chloride	< 2	2.	ug/l	95		59-120		
Xylene (Total)	< 5	5.	ug/l	101		80-120		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196577
Reported: 06/09/10 at 02:34 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: Y101521AA	Sample number(s): 5993033-5993052,5993054 UNSPK: 5993033								
Acetone	73	73	52-139	0	30				
Benzene	112	109	80-126	3	30				
Bromodichloromethane	105	102	78-125	2	30				
Bromoform	104	102	60-121	2	30				
Bromomethane	92	97	38-149	5	30				
2-Butanone	89	86	57-138	3	30				
Carbon Disulfide	84	81	67-135	4	30				
Carbon Tetrachloride	124	121	81-138	2	30				
Chlorobenzene	113	112	87-124	1	30				
Chloroethane	98	96	51-145	2	30				
Chloroform	111	110	81-134	1	30				
Chloromethane	93	95	67-154	3	30				
Cyclohexane	120	116	75-156	3	30				
1,2-Dibromo-3-chloropropane	92	92	66-121	0	30				
Dibromochloromethane	106	101	74-116	4	30				
1,2-Dibromoethane	103	101	77-116	2	30				
1,2-Dichlorobenzene	106	103	84-119	2	30				
1,3-Dichlorobenzene	104	104	86-121	0	30				
1,4-Dichlorobenzene	104	104	85-121	0	30				
Dichlorodifluoromethane	88	86	64-163	2	30				
1,1-Dichloroethane	111	110	84-129	1	30				
1,2-Dichloroethane	111	108	66-141	3	30				
1,1-Dichloroethene	109	109	85-142	1	30				
cis-1,2-Dichloroethene	109	108	85-125	2	30				
trans-1,2-Dichloroethene	111	110	87-126	1	30				
1,2-Dichloropropane	109	107	83-124	2	30				
cis-1,3-Dichloropropene	99	98	75-125	0	30				
trans-1,3-Dichloropropene	101	99	74-119	3	30				
1,4-Dioxane	101	104	43-131	3	30				
Ethylbenzene	110	108	71-134	2	30				
Freon 113	123	119	89-148	3	30				
2-Hexanone	93	90	55-127	3	30				
Isopropylbenzene	107	106	75-128	1	30				
Methyl Acetate	107	135	66-144	23	30				
Methyl Tertiary Butyl Ether	99	98	72-126	1	30				
4-Methyl-2-pentanone	92	90	63-123	2	30				
Methylcyclohexane	124	121	80-156	2	30				
Methylene Chloride	105	102	79-120	2	30				
Styrene	105	102	60-140	3	30				
1,1,2,2-Tetrachloroethane	104	100	73-119	4	30				
Tetrachloroethene	110	113	80-128	3	30				
Toluene	111	110	80-125	1	30				
1,2,4-Trichlorobenzene	89	90	60-122	1	30				
1,1,1-Trichloroethane	110	107	80-143	3	30				
1,1,2-Trichloroethane	108	106	77-124	2	30				
Trichloroethene	114	113	88-133	1	30				
Trichlorofluoromethane	105	104	73-152	2	30				
Vinyl Chloride	103	105	66-133	2	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196577
Reported: 06/09/10 at 02:34 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Xylene (Total)	110	108	79-125	2	30				
Batch number: Y101541AA	Sample number(s): 5993044,5993053,5993055-5993056 UNSPK: P993059								
Acetone	84	80	52-139	6	30				
Benzene	107	106	80-126	1	30				
Bromodichloromethane	105	102	78-125	3	30				
Bromoform	110	107	60-121	2	30				
Bromomethane	97	99	38-149	2	30				
2-Butanone	89	89	57-138	0	30				
Carbon Disulfide	88	86	67-135	2	30				
Carbon Tetrachloride	123	120	81-138	2	30				
Chlorobenzene	110	109	87-124	1	30				
Chloroethane	102	102	51-145	0	30				
Chloroform	109	107	81-134	2	30				
Chloromethane	100	102	67-154	3	30				
Cyclohexane	114	113	75-156	1	30				
1,2-Dibromo-3-chloropropane	95	98	66-121	3	30				
Dibromochloromethane	105	104	74-116	1	30				
1,2-Dibromoethane	99	99	77-116	0	30				
1,2-Dichlorobenzene	104	101	84-119	3	30				
1,3-Dichlorobenzene	103	102	86-121	1	30				
1,4-Dichlorobenzene	105	103	85-121	2	30				
Dichlorodifluoromethane	88	91	64-163	3	30				
1,1-Dichloroethane	102	102	84-129	0	30				
1,2-Dichloroethane	109	108	66-141	1	30				
1,1-Dichloroethene	40*	53*	85-142	4	30				
cis-1,2-Dichloroethene	104	104	85-125	1	30				
trans-1,2-Dichloroethene	99	98	87-126	0	30				
1,2-Dichloropropane	107	107	83-124	0	30				
cis-1,3-Dichloropropene	96	95	75-125	1	30				
trans-1,3-Dichloropropene	99	95	74-119	4	30				
1,4-Dioxane	93	97	43-131	4	30				
Ethylbenzene	106	104	71-134	2	30				
Freon 113	119	117	89-148	1	30				
2-Hexanone	89	91	55-127	3	30				
Isopropylbenzene	106	102	75-128	3	30				
Methyl Acetate	105	115	66-144	9	30				
Methyl Tertiary Butyl Ether	94	95	72-126	1	30				
4-Methyl-2-pentanone	90	93	63-123	2	30				
Methylcyclohexane	112	118	80-156	5	30				
Methylene Chloride	102	101	79-120	1	30				
Styrene	96	96	60-140	1	30				
1,1,2,2-Tetrachloroethane	105	103	73-119	1	30				
Tetrachloroethene	105	108	80-128	3	30				
Toluene	106	106	80-125	0	30				
1,2,4-Trichlorobenzene	90	88	60-122	2	30				
1,1,1-Trichloroethane	112	110	80-143	2	30				
1,1,2-Trichloroethane	105	104	77-124	1	30				
Trichloroethene	109	111	88-133	2	30				
Trichlorofluoromethane	109	110	73-152	1	30				
Vinyl Chloride	112	119	66-133	6	30				
Xylene (Total)	105	104	79-125	1	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196577
Reported: 06/09/10 at 02:34 PM

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs TCL 3.2 + 1,4-Dioxane
Batch number: Y101521AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5993033	101	100	101	96
5993034	101	101	103	101
5993035	100	102	102	100
5993036	100	101	100	96
5993037	100	101	101	96
5993038	101	100	99	96
5993039	102	101	101	96
5993040	101	102	99	96
5993041	100	100	101	96
5993042	101	102	100	95
5993043	103	100	101	95
5993044	102	101	101	95
5993045	102	101	101	95
5993046	102	99	101	96
5993047	102	103	100	95
5993048	101	100	101	96
5993049	103	101	100	95
5993050	103	101	100	96
5993051	104	103	98	95
5993052	101	101	101	96
5993054	105	100	101	97
Blank	99	103	101	96
LCS	100	103	103	102
MS	101	101	103	101
MSD	100	102	102	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs TCL 3.2 + 1,4-Dioxane
Batch number: Y101541AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5993053	106	98	101	96
5993055	105	104	101	98
5993056	105	96	101	97
Blank	102	103	100	96
LCS	102	103	102	101
MS	102	102	102	100
MSD	101	106	102	100
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1196577 Sample # 5993033-56

COC # 234585

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: The Johnson Co. Acct. #:

Project Name/#: AD-GA / 1-0145-4 PWSID #:

Project Manager: Glen Kirkpatrick P.O.#:

Sampler: Tristan Hardy Quote #:

Name of state where samples were collected: GA

(4) Matrix: ☐ Potable ☐ NPDES

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	Total # of Containers	(5) Analyses Requested: Preservation Codes H — 8260 + 1,4 Dioxane	MS/MSD	Remarks
BR-8S	5/25/2010	1542	X			X		9	3	6	
BR-8D	5/26/2010	0810	X			X		3	3		
BR-22S		0957	X			X		3	3		
MW-62		1047	X			X		3	3		
BR-7		1327	X			X		3	3		
BR-22D		1457	X			X		3	3		
DP-2		1200	X			X		3	3		
MW-20D	↓	1612	X			X		3	3		
MW-66	5/27/2010	0747	X			X		3	3		
MW-63	5/27/2010	0847	X			X		3	3		

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (preserved samples)

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@jcomail.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg) TX TRRP-13

Type II (Tier II) MA MCP CT RCP

Type III (Reduced NJ)

Type IV (CLP SOW)

Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9) Relinquished by:	Date	Time	Received by:	Date	Time
	5/27/10	1700			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Kyle Hawthorne	5/28/10	900

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1196577 Sample # 5993033-56

COC # 234591

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: The Johnson Co Acct. #:

Project Name/#: Avery Dennison (AD - ~~GA~~ GA) PWSID #:

5-25-10 WPD

Project Manager: Glen Kirkpatrick P.O.#: 1-0145-4

Sampler: Warren Davey Quote #:

Name of state where samples were collected: GA

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(1) Temp blank per cooler on ice.

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Soil	Ground Water	Potable / NPDES / Check if Applicable	Other	Total # of Containers (Vols)	(5) Analyses Requested: Preservation Codes H	H								Remarks
										EPA 8260 B + 1,4 Dioxane	8015/8015D WPD 5-26-10								
BR-4S	5-25-10	15:47	X			X			3	X									
BR-4D	↓	17:00	X			X			3	X									
~~DP-1~~ WPD 5-25-10	↓	12:00	X			X			3	X	WPD 5/25/10								
EB-1	5-26-10	6:30	X			X			3	X									L. Lab DI rinse
TB-1	5-25-10	—	X			X			3	X									L. Lab DI
MW-47D	5-26-10	8:12	X			X			~~3~~ 9 WPD 5-26-10	X	~~X~~	WPD 5/25/10							~~MS/MSD~~ WPD 5-26-10
MW-47S		9:22	X			X			3	X									
MW-23		10:47	X			X			3	X									
BR-24		14:10	X			X			3	X									
MW-48S	↓	15:25	X			X			3	X									

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@JCOMAIL.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

TX TRRP-13
MA MCP CT RCP

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9) Relinquished by:	Date	Time	Received by:	Date	Time
Warren Davey [802-223-4502 cell]	5/27/10	1700			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Katie Hawthorne	5/28/10	9:00

(NOTE: No MS/MSD's and no DP-1 on 234591 COC - WPD 5/25+26/10)

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6356 Group# 1196577 Sample # 5993033-56

COC # 234586

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: The Johnson Co. Acct. #:

Project Name/#: AD-GA / 1-0145-4 PWSID #:

Project Manager: Glen Kirkpatrick P.O.#:

Sampler: Tristan Hardy Quote #:

Name of state where samples were collected: GA

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4): Soil	Water (Potable / NPDES)	Other	Total # of Containers	(5) Analyses Requested: 8260 + 1,4-Dioxane	Preservation Codes: H	Remarks
MW-64	5/27/2010	0952	X			X		3	3		
MW-65S	5/27/2010	1102	X			X		3	3		
MW-65D	5/27/2010	1247	X			X		3	3		

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples (please check if received cool)

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: BAK@jcomail.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg) TX TRRP-13

Type II (Tier II) MA MCP CT RCP

Type III (Reduced NJ)

Type IV (CLP SOW)

Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	5/27/10	1700			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	5/28/10	9:00

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

June 05, 2010

Project: Avery Dennison / Flowery Branch, GA

Submittal Date: 05/28/2010
Group Number: 1196578
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
SBW-1 Grab Water	5993057
SBW-2 Grab Water	5993058
SBW-3 Grab Water	5993059
SBW-3-MS Grab Water	5993060
SBW-3-MSD Grab Water	5993061
SBW-4 Grab Water	5993062
SBW-5 Grab Water	5993063
SBW-7 Grab Water	5993064
SBW-8 Grab Water	5993065
SBW-9 Grab Water	5993066
SBW-10 Grab Water	5993067
SW-0 Grab Water	5993068
DP-1 Grab Water	5993069
SW-1 Grab Water	5993070
SW-2 Grab Water	5993071
SW-3 Grab Water	5993072
SW-4 Grab Water	5993073
SW-5 Grab Water	5993074
SW-6 Grab Water	5993075
Drum-1 Grab Water	5993076
Drum-2 Grab Water	5993077
MW-48D Grab Water	5993078
MW-1 Grab Water	5993079
MW-2 Grab Water	5993080
MW-3 Grab Water	5993081
MW-5 Grab Water	5993082

Lancaster Laboratories

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Analysis Report

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Christine Dulaney
Senior Specialist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: SBW-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993057
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:15 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

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Analysis Report

Sample Description: SBW-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993057
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:15 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 07:30	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 07:30	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993058
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:25 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993058
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:25 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-2

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 07:51	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 07:51	Holly Berry	1

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Analysis Report

Sample Description: SBW-3 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993059
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:40 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	10	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	54	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-3 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993059
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:40 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-3

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 01:51	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 01:51	Holly Berry	1

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Analysis Report

Sample Description: SBW-3-MS Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993060
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:40 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	130	20	1
10903	Benzene	71-43-2	21	5	1
10903	Bromodichloromethane	75-27-4	21	5	1
10903	Bromoform	75-25-2	22	5	1
10903	Bromomethane	74-83-9	19	5	1
10903	2-Butanone	78-93-3	130	10	1
10903	Carbon Disulfide	75-15-0	19	5	1
10903	Carbon Tetrachloride	56-23-5	25	5	1
10903	Chlorobenzene	108-90-7	22	5	1
10903	Chloroethane	75-00-3	20	5	1
10903	Chloroform	67-66-3	22	5	1
10903	Chloromethane	74-87-3	20	5	1
10903	Cyclohexane	110-82-7	23	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	19	5	1
10903	Dibromochloromethane	124-48-1	21	5	1
10903	1,2-Dibromoethane	106-93-4	20	5	1
10903	1,2-Dichlorobenzene	95-50-1	21	5	1
10903	1,3-Dichlorobenzene	541-73-1	21	5	1
10903	1,4-Dichlorobenzene	106-46-7	21	5	1
10903	Dichlorodifluoromethane	75-71-8	18	5	1
10903	1,1-Dichloroethane	75-34-3	30	5	1
10903	1,2-Dichloroethane	107-06-2	22	5	1
10903	1,1-Dichloroethene	75-35-4	62	5	1
10903	cis-1,2-Dichloroethene	156-59-2	21	5	1
10903	trans-1,2-Dichloroethene	156-60-5	20	5	1
10903	1,2-Dichloropropane	78-87-5	21	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	19	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	20	5	1
10903	1,4-Dioxane	123-91-1	470	250	1
10903	Ethylbenzene	100-41-4	21	5	1
10903	Freon 113	76-13-1	24	10	1
10903	2-Hexanone	591-78-6	89	10	1
10903	Isopropylbenzene	98-82-8	21	5	1
10903	Methyl Acetate	79-20-9	21	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	19	5	1
10903	4-Methyl-2-pentanone	108-10-1	90	10	1
10903	Methylcyclohexane	108-87-2	22	5	1
10903	Methylene Chloride	75-09-2	20	5	1
10903	Styrene	100-42-5	19	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	21	5	1
10903	Tetrachloroethene	127-18-4	21	5	1
10903	Toluene	108-88-3	21	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	18	5	1
10903	1,1,1-Trichloroethane	71-55-6	22	5	1
10903	1,1,2-Trichloroethane	79-00-5	21	5	1
10903	Trichloroethene	79-01-6	22	5	1
10903	Trichlorofluoromethane	75-69-4	22	5	1
10903	Vinyl Chloride	75-01-4	22	2	1
10903	Xylene (Total)	1330-20-7	63	5	1

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Analysis Report

Sample Description: SBW-3-MS Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993060
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:40 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-3

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 02:12	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 02:12	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-3-MSD Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993061
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:40 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	120	20	1
10903	Benzene	71-43-2	21	5	1
10903	Bromodichloromethane	75-27-4	20	5	1
10903	Bromoform	75-25-2	21	5	1
10903	Bromomethane	74-83-9	20	5	1
10903	2-Butanone	78-93-3	130	10	1
10903	Carbon Disulfide	75-15-0	18	5	1
10903	Carbon Tetrachloride	56-23-5	24	5	1
10903	Chlorobenzene	108-90-7	22	5	1
10903	Chloroethane	75-00-3	20	5	1
10903	Chloroform	67-66-3	21	5	1
10903	Chloromethane	74-87-3	20	5	1
10903	Cyclohexane	110-82-7	23	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	20	5	1
10903	Dibromochloromethane	124-48-1	21	5	1
10903	1,2-Dibromoethane	106-93-4	20	5	1
10903	1,2-Dichlorobenzene	95-50-1	20	5	1
10903	1,3-Dichlorobenzene	541-73-1	20	5	1
10903	1,4-Dichlorobenzene	106-46-7	21	5	1
10903	Dichlorodifluoromethane	75-71-8	18	5	1
10903	1,1-Dichloroethane	75-34-3	30	5	1
10903	1,2-Dichloroethane	107-06-2	22	5	1
10903	1,1-Dichloroethene	75-35-4	64	5	1
10903	cis-1,2-Dichloroethene	156-59-2	21	5	1
10903	trans-1,2-Dichloroethene	156-60-5	20	5	1
10903	1,2-Dichloropropane	78-87-5	21	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	19	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	19	5	1
10903	1,4-Dioxane	123-91-1	480	250	1
10903	Ethylbenzene	100-41-4	21	5	1
10903	Freon 113	76-13-1	23	10	1
10903	2-Hexanone	591-78-6	91	10	1
10903	Isopropylbenzene	98-82-8	20	5	1
10903	Methyl Acetate	79-20-9	23	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	19	5	1
10903	4-Methyl-2-pentanone	108-10-1	93	10	1
10903	Methylcyclohexane	108-87-2	24	5	1
10903	Methylene Chloride	75-09-2	20	5	1
10903	Styrene	100-42-5	19	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	21	5	1
10903	Tetrachloroethene	127-18-4	22	5	1
10903	Toluene	108-88-3	21	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	18	5	1
10903	1,1,1-Trichloroethane	71-55-6	22	5	1
10903	1,1,2-Trichloroethane	79-00-5	21	5	1
10903	Trichloroethene	79-01-6	22	5	1
10903	Trichlorofluoromethane	75-69-4	22	5	1
10903	Vinyl Chloride	75-01-4	24	2	1
10903	Xylene (Total)	1330-20-7	62	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-3-MSD Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993061
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:40 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-3

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 02:33	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 02:33	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-4 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993062
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:56 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	26	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	42	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	27	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-4 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993062
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:56 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-4

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 02:55	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 02:55	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-5 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993063
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:05 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-5 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993063
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:05 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-5

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 03:16	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 03:16	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-7 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993064
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:20 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	14	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-7 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993064
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:20 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-7

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 03:37	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 03:37	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-8 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993065
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:30 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-8 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993065
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:30 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-8

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 03:59	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 03:59	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-9 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993066
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:38 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	41	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	430	50	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	130	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-9 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993066
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:38 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-9

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 04:20	Holly Berry	1
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 09:36	Holly Berry	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 04:20	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y101541AA	06/03/2010 09:36	Holly Berry	10

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-10 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993067
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:48 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-10 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993067
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:48 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW10

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 04:41	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 04:41	Holly Berry	1

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Analysis Report

Sample Description: SW-0 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993068
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:00 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--0

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-0 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993068
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:00 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--0

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 05:02	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 05:02	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: DP-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993069
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 13:00 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBDP1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: DP-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993069
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 13:00 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBDP1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 05:23	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 05:23	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993070
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:10 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993070
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:10 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 05:44	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 05:44	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993071
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:45 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993071
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 14:45 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--2

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 06:06	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 06:06	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-3 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993072
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:07 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-3 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993072
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:07 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--3

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 06:27	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 06:27	Holly Berry	1

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Analysis Report

Sample Description: SW-4 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993073
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:22 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-4 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993073
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:22 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--4

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 06:48	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 06:48	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-5 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993074
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:45 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-5 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993074
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 15:45 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--5

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101541AA	06/03/2010 07:09	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101541AA	06/03/2010 07:09	Holly Berry	1

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Analysis Report

Sample Description: SW-6 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993075
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 16:00 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-6 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993075
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 16:00 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--6

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 02:43	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101543AA	06/04/2010 02:43	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: Drum-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993076
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 16:05 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRUM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	17	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

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Analysis Report

Sample Description: Drum-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993076
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 16:05 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRUM1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 03:25	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101543AA	06/04/2010 03:25	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: Drum-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993077
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 16:10 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRUM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	7	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	80	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	34	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: Drum-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993077
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 16:10 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DRUM2

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 03:46	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101543AA	06/04/2010 03:46	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-48D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993078
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 16:42 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW48D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	95	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	1,000	50	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	260	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	280	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-48D Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993078
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/26/2010 16:42 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW48D

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 05:32	Holly Berry	1
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 05:53	Holly Berry	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101543AA	06/04/2010 05:32	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y101543AA	06/04/2010 05:53	Holly Berry	10

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993079
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 08:32 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW--1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993079
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 08:32 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW--1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 04:07	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101543AA	06/04/2010 04:07	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993080
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 09:50 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW--2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 5	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-2 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993080
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 09:50 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW--2

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 04:28	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101543AA	06/04/2010 04:28	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-3 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993081
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 11:25 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW--3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	69	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	690	50	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	60	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	3	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

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Analysis Report

Sample Description: MW-3 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993081
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 11:25 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW--3

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 04:49	Holly Berry	1
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 06:14	Holly Berry	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101543AA	06/04/2010 04:49	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y101543AA	06/04/2010 06:14	Holly Berry	10

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993082
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 12:42 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW--5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Cyclohexane	110-82-7	< 5	5	1
10903	1,2-Dibromo-3-chloropropane	96-12-8	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,2-Dibromoethane	106-93-4	< 5	5	1
10903	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10903	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10903	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10903	Dichlorodifluoromethane	75-71-8	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	34	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	260	5	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	Freon 113	76-13-1	< 10	10	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	Isopropylbenzene	98-82-8	< 5	5	1
10903	Methyl Acetate	79-20-9	< 5	5	1
10903	Methyl Tertiary Butyl Ether	1634-04-4	< 5	5	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylcyclohexane	108-87-2	< 5	5	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,2,4-Trichlorobenzene	120-82-1	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Trichlorofluoromethane	75-69-4	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5 Grab Water
Avery Dennison / Flowery Branch, GA

LLI Sample # WW 5993082
LLI Group # 1196578
Account # 06556

Project Name: Avery Dennison / Flowery Branch, GA

Collected: 05/27/2010 12:42 by WD

Submitted: 05/28/2010 09:00
Reported: 06/05/2010 12:41
Discard: 06/13/2010

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW--5

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	Y101543AA	06/04/2010 05:10	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y101543AA	06/04/2010 05:10	Holly Berry	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196578
Reported: 06/05/10 at 12:41 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Y101541AA	Sample number(s): 5993057-5993074							
Acetone	< 20	20.	ug/l	112		49-234		
Benzene	< 5	5.	ug/l	101		79-120		
Bromodichloromethane	< 5	5.	ug/l	103		80-120		
Bromoform	< 5	5.	ug/l	110		61-120		
Bromomethane	< 5	5.	ug/l	90		44-120		
2-Butanone	< 10	10.	ug/l	111		66-151		
Carbon Disulfide	< 5	5.	ug/l	93		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	112		75-123		
Chlorobenzene	< 5	5.	ug/l	107		80-120		
Chloroethane	< 5	5.	ug/l	89		49-129		
Chloroform	< 5	5.	ug/l	106		77-122		
Chloromethane	< 5	5.	ug/l	86		60-129		
Cyclohexane	< 5	5.	ug/l	104		65-125		
1,2-Dibromo-3-chloropropane	< 5	5.	ug/l	100		66-120		
Dibromochloromethane	< 5	5.	ug/l	106		80-120		
1,2-Dibromoethane	< 5	5.	ug/l	101		80-120		
1,2-Dichlorobenzene	< 5	5.	ug/l	103		80-120		
1,3-Dichlorobenzene	< 5	5.	ug/l	101		80-120		
1,4-Dichlorobenzene	< 5	5.	ug/l	102		80-120		
Dichlorodifluoromethane	< 5	5.	ug/l	76		54-152		
1,1-Dichloroethane	< 5	5.	ug/l	103		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	108		70-130		
1,1-Dichloroethene	< 5	5.	ug/l	98		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	102		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	99		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	104		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	99		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	98		79-120		
1,4-Dioxane	< 250	250.	ug/l	95		51-129		
Ethylbenzene	< 5	5.	ug/l	101		79-120		
Freon 113	< 10	10.	ug/l	105		69-128		
2-Hexanone	< 10	10.	ug/l	105		65-136		
Isopropylbenzene	< 5	5.	ug/l	99		77-120		
Methyl Acetate	< 5	5.	ug/l	123		73-139		
Methyl Tertiary Butyl Ether	< 5	5.	ug/l	100		76-120		
4-Methyl-2-pentanone	< 10	10.	ug/l	95		70-121		
Methylcyclohexane	< 5	5.	ug/l	107		71-132		
Methylene Chloride	< 5	5.	ug/l	101		80-120		
Styrene	< 5	5.	ug/l	99		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	100		71-120		
Tetrachloroethene	< 5	5.	ug/l	113		80-121		
Toluene	< 5	5.	ug/l	101		79-120		
1,2,4-Trichlorobenzene	< 5	5.	ug/l	90		67-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	105		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	105		80-120		
Trichloroethene	< 5	5.	ug/l	110		80-120		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196578
Reported: 06/05/10 at 12:41 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichlorofluoromethane	< 5	5.	ug/l	93		64-129		
Vinyl Chloride	< 2	2.	ug/l	95		59-120		
Xylene (Total)	< 5	5.	ug/l	101		80-120		
Batch number: Y101543AA	Sample number(s): 5993075-5993082							
Acetone	< 20	20.	ug/l	122	127	49-234	4	30
Benzene	< 5	5.	ug/l	101	99	79-120	2	30
Bromodichloromethane	< 5	5.	ug/l	100	100	80-120	0	30
Bromoform	< 5	5.	ug/l	107	108	61-120	0	30
Bromomethane	< 5	5.	ug/l	90	92	44-120	2	30
2-Butanone	< 10	10.	ug/l	108	109	66-151	1	30
Carbon Disulfide	< 5	5.	ug/l	84	84	62-120	0	30
Carbon Tetrachloride	< 5	5.	ug/l	108	107	75-123	2	30
Chlorobenzene	< 5	5.	ug/l	105	105	80-120	0	30
Chloroethane	< 5	5.	ug/l	89	91	49-129	1	30
Chloroform	< 5	5.	ug/l	103	102	77-122	0	30
Chloromethane	< 5	5.	ug/l	85	86	60-129	2	30
Cyclohexane	< 5	5.	ug/l	100	99	65-125	1	30
1,2-Dibromo-3-chloropropane	< 5	5.	ug/l	95	95	66-120	1	30
Dibromochloromethane	< 5	5.	ug/l	104	104	80-120	0	30
1,2-Dibromoethane	< 5	5.	ug/l	100	101	80-120	1	30
1,2-Dichlorobenzene	< 5	5.	ug/l	102	101	80-120	2	30
1,3-Dichlorobenzene	< 5	5.	ug/l	101	101	80-120	0	30
1,4-Dichlorobenzene	< 5	5.	ug/l	101	101	80-120	0	30
Dichlorodifluoromethane	< 5	5.	ug/l	70	71	54-152	1	30
1,1-Dichloroethane	< 5	5.	ug/l	98	99	79-120	1	30
1,2-Dichloroethane	< 5	5.	ug/l	106	106	70-130	1	30
1,1-Dichloroethene	< 5	5.	ug/l	94	95	74-123	0	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	99	98	80-120	1	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	97	89	80-120	8	30
1,2-Dichloropropane	< 5	5.	ug/l	102	101	78-120	1	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	97	97	80-120	0	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	98	98	79-120	0	30
1,4-Dioxane	< 250	250.	ug/l	92	91	51-129	1	30
Ethylbenzene	< 5	5.	ug/l	100	99	79-120	1	30
Freon 113	< 10	10.	ug/l	101	102	69-128	1	30
2-Hexanone	< 10	10.	ug/l	100	100	65-136	1	30
Isopropylbenzene	< 5	5.	ug/l	98	97	77-120	1	30
Methyl Acetate	< 5	5.	ug/l	127	130	73-139	2	30
Methyl Tertiary Butyl Ether	< 5	5.	ug/l	97	94	76-120	3	30
4-Methyl-2-pentanone	< 10	10.	ug/l	92	93	70-121	1	30
Methylcyclohexane	< 5	5.	ug/l	104	104	71-132	0	30
Methylene Chloride	< 5	5.	ug/l	100	100	80-120	1	30
Styrene	< 5	5.	ug/l	99	98	80-120	1	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	104	105	71-120	1	30
Tetrachloroethene	< 5	5.	ug/l	100	98	80-121	1	30
Toluene	< 5	5.	ug/l	102	99	79-120	3	30
1,2,4-Trichlorobenzene	< 5	5.	ug/l	88	88	67-120	1	30
1,1,1-Trichloroethane	< 5	5.	ug/l	101	100	75-127	1	30
1,1,2-Trichloroethane	< 5	5.	ug/l	104	102	80-120	2	30
Trichloroethene	< 5	5.	ug/l	100	100	80-120	1	30
Trichlorofluoromethane	< 5	5.	ug/l	90	90	64-129	1	30
Vinyl Chloride	< 2	2.	ug/l	91	93	59-120	2	30
Xylene (Total)	< 5	5.	ug/l	101	100	80-120	1	30

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196578
Reported: 06/05/10 at 12:41 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: Y101541AA	Sample number(s): 5993057-5993074 UNSPK: 5993059								
Acetone	84	80	52-139	6	30				
Benzene	107	106	80-126	1	30				
Bromodichloromethane	105	102	78-125	3	30				
Bromoform	110	107	60-121	2	30				
Bromomethane	97	99	38-149	2	30				
2-Butanone	89	89	57-138	0	30				
Carbon Disulfide	88	86	67-135	2	30				
Carbon Tetrachloride	123	120	81-138	2	30				
Chlorobenzene	110	109	87-124	1	30				
Chloroethane	102	102	51-145	0	30				
Chloroform	109	107	81-134	2	30				
Chloromethane	100	102	67-154	3	30				
Cyclohexane	114	113	75-156	1	30				
1,2-Dibromo-3-chloropropane	95	98	66-121	3	30				
Dibromochloromethane	105	104	74-116	1	30				
1,2-Dibromoethane	99	99	77-116	0	30				
1,2-Dichlorobenzene	104	101	84-119	3	30				
1,3-Dichlorobenzene	103	102	86-121	1	30				
1,4-Dichlorobenzene	105	103	85-121	2	30				
Dichlorodifluoromethane	88	91	64-163	3	30				
1,1-Dichloroethane	102	102	84-129	0	30				
1,2-Dichloroethane	109	108	66-141	1	30				
1,1-Dichloroethene	40*	53*	85-142	4	30				
cis-1,2-Dichloroethene	104	104	85-125	1	30				
trans-1,2-Dichloroethene	99	98	87-126	0	30				
1,2-Dichloropropane	107	107	83-124	0	30				
cis-1,3-Dichloropropene	96	95	75-125	1	30				
trans-1,3-Dichloropropene	99	95	74-119	4	30				
1,4-Dioxane	93	97	43-131	4	30				
Ethylbenzene	106	104	71-134	2	30				
Freon 113	119	117	89-148	1	30				
2-Hexanone	89	91	55-127	3	30				
Isopropylbenzene	106	102	75-128	3	30				
Methyl Acetate	105	115	66-144	9	30				
Methyl Tertiary Butyl Ether	94	95	72-126	1	30				
4-Methyl-2-pentanone	90	93	63-123	2	30				
Methylcyclohexane	112	118	80-156	5	30				
Methylene Chloride	102	101	79-120	1	30				
Styrene	96	96	60-140	1	30				
1,1,2,2-Tetrachloroethane	105	103	73-119	1	30				
Tetrachloroethene	105	108	80-128	3	30				
Toluene	106	106	80-125	0	30				
1,2,4-Trichlorobenzene	90	88	60-122	2	30				
1,1,1-Trichloroethane	112	110	80-143	2	30				
1,1,2-Trichloroethane	105	104	77-124	1	30				
Trichloroethene	109	111	88-133	2	30				
Trichlorofluoromethane	109	110	73-152	1	30				
Vinyl Chloride	112	119	66-133	6	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196578
Reported: 06/05/10 at 12:41 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Xylene (Total)	105	104	79-125	1	30				
Batch number: Y101543AA	Sample number(s): 5993075-5993082 UNSPK: 5993075								
Acetone	91		52-139						
Benzene	111		80-126						
Bromodichloromethane	104		78-125						
Bromoform	106		60-121						
Bromomethane	88		38-149						
2-Butanone	91		57-138						
Carbon Disulfide	96		67-135						
Carbon Tetrachloride	124		81-138						
Chlorobenzene	112		87-124						
Chloroethane	97		51-145						
Chloroform	110		81-134						
Chloromethane	95		67-154						
Cyclohexane	118		75-156						
1,2-Dibromo-3-chloropropane	93		66-121						
Dibromochloromethane	103		74-116						
1,2-Dibromoethane	102		77-116						
1,2-Dichlorobenzene	104		84-119						
1,3-Dichlorobenzene	104		86-121						
1,4-Dichlorobenzene	104		85-121						
Dichlorodifluoromethane	83		64-163						
1,1-Dichloroethane	111		84-129						
1,2-Dichloroethane	108		66-141						
1,1-Dichloroethene	113		85-142						
cis-1,2-Dichloroethene	108		85-125						
trans-1,2-Dichloroethene	103		87-126						
1,2-Dichloropropane	111		83-124						
cis-1,3-Dichloropropene	101		75-125						
trans-1,3-Dichloropropene	101		74-119						
1,4-Dioxane	91		43-131						
Ethylbenzene	109		71-134						
Freon 113	120		89-148						
2-Hexanone	89		55-127						
Isopropylbenzene	107		75-128						
Methyl Acetate	104		66-144						
Methyl Tertiary Butyl Ether	97		72-126						
4-Methyl-2-pentanone	91		63-123						
Methylcyclohexane	123		80-156						
Methylene Chloride	107		79-120						
Styrene	102		60-140						
1,1,2,2-Tetrachloroethane	105		73-119						
Tetrachloroethene	108		80-128						
Toluene	110		80-125						
1,2,4-Trichlorobenzene	91		60-122						
1,1,1-Trichloroethane	113		80-143						
1,1,2-Trichloroethane	104		77-124						
Trichloroethene	111		88-133						
Trichlorofluoromethane	104		73-152						
Vinyl Chloride	108		66-133						
Xylene (Total)	108		79-125						

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1196578
Reported: 06/05/10 at 12:41 PM

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs TCL 3.2 + 1,4-Dioxane
Batch number: Y101541AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5993057	104	94	97	95
5993058	104	103	98	94
5993059	102	104	99	97
5993060	102	102	102	100
5993061	101	106	102	100
5993062	101	102	100	96
5993063	101	102	97	94
5993064	102	102	99	96
5993065	103	101	100	95
5993066	103	101	101	98
5993067	103	103	99	95
5993068	102	97	99	96
5993069	102	101	100	96
5993070	104	102	100	96
5993071	103	98	99	96
5993072	104	101	100	96
5993073	104	102	100	96
5993074	104	101	100	97
Blank	102	103	100	96
LCS	102	103	102	101
MS	102	102	102	100
MSD	101	106	102	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs TCL 3.2 + 1,4-Dioxane
Batch number: Y101543AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5993075	99	101	100	96
5993076	100	101	100	96
5993077	101	100	101	97
5993078	104	93	101	96
5993079	102	101	102	96
5993080	101	96	101	96
5993081	103	100	101	96
5993082	102	101	100	97
Blank	101	102	100	96
LCS	100	101	103	101
LCSD	101	101	102	100
MS	102	105	102	99
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1196578 Sample # 5993057-82

COC # 234589

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: The Johnson Co Acct. #:

Project Name/#: Avery Dennison (AD-GA) PWSID #:

Project Manager: Glen Kirkpatrick P.O.#: L-0145-4

Sampler: Warren Davey Quote #:

Name of state where samples were collected: GA

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Soil	Water	Other	Total # of Containers	(5) Analyses Requested: Preservation Codes H	H	EPA-8260B + 1,4-Dioxane	MS/MSD	Remarks
SBW-1	5-27-10	1415	X			X		3	X				
SBW-2		1425	X			X		3	X				
SBW-3		1440	X			X		6	X	X			MS/MSD
SBW-4		1456	X			X		3					
SBW-5		1505	X			X		3					
SBW-7		1520	X			X		3					
SBW-8		1530	X			X		3					
SBW-9		1538	X			X		3					
SBW-10		1548	X			X		3					

(7) **Turnaround Time Requested** (TAT) (please circle): Normal / Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@JCOMAIL.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

TX TRRP-13
MA MCP CT RCP

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	5-27-10	1700			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Katie Hartline	5/27/10	2100

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1196578 Sample # 5993057-82

COC # 234590

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: The Johnson Co Acct. #:

Project Name/#: Avery Dennison (AD-GA) PWSID #:

Project Manager: Glen Kirkpatrick P.O.#: 1-0145-4

Sampler: Warren Davey Quote #:

Name of state where samples were collected: GA

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4) Soil	Water (Potable ☐ NPDES ☐)	Other	Total # of Containers	(5) Analyses Requested: Preservation Codes H — EPA-8260B + 1,4-Dioxane	Remarks
SW-0	5-27-10	1400	X			X		3	X	
DP-1		1300	X			X		3	X	
SW-1		1410	X			X		3	X	
SW-2		1445	X			X		3	X	
SW-3		1507	X			X		3	X	
SW-4		1527	X			X		3	X	
SW-5		1545	X			X		3	X	
SW-6		1600	X			X		3	X	
Drum-1		1605	X			X		3	X	
Drum-2	↓	1610	X			X		3	X	

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(7) **Turnaround Time Requested** (TAT) (please circle): Normal Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@JCOMAIL.COM

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg) TX TRRP-13

Type II (Tier II) MA MCP CT RCP

Type III (Reduced NJ)

Type IV (CLP SOW)

Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9) Relinquished by:	Date	Time	Received by:	Date	Time
	5-27-10	1700			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Katie Hartline	5/28/10	9:00

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

2102.03

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 119657 Sample # 5993057-82

COC # 234587

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: The Johnson Co Acct. #:
Project Name/#: Avery Dennison (AD-GA) PWSID #:
Project Manager: Glen Kirkpatrick P.O.#: 1-0145-4
Sampler: Warren Davey Quote #:
Name of state where samples were collected: GA

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | (4) Matrix: Soil | Ground Water | Other | Total # of Containers | (5) Analyses Requested: Preservation Codes H | EPA 8260B + 1,4 Dioxane | Remarks

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Ground Water	Other	Total # of Containers	H	EPA 8260B + 1,4 Dioxane	Remarks
MW-48D	5-26-10	16:42	X			X		3	X	X	
MW-1	5-27-10	8:32	X			X		3	X	X	
MW-2	↓	9:50	X			X		3	X	X	
MW-3		11:25	X			X		3	X	X	
MW-5	↓	12:42	X			X		3	X	X	

Remarks: 1 Temp blank/cooler

(7) **Turnaround Time Requested** (TAT) (please circle): Normal / Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 802-229-4600 Fax #: 802-229-5876
E-mail address: GAK@JCOMAIL.com

(8) **Data Package Options** (please circle if required)

		SDG Complete?
Type I (validation/NJ Reg)	TX TRRP-13	Yes No
Type II (Tier II)	MA MCP CT RCP	
Type III (Reduced NJ)	Site-specific QC (MS/MSD/Dup)? Yes No	
Type IV (CLP SOW)	(If yes, indicate QC sample and submit triplicate volume.)	
Type VI (Raw Data Only)	Internal COC Required? Yes / No	

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
(802-223-4502 cell)	5/27/10	17:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Katie Hartline	5/28/10	9:00

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

November 15, 2010

Project: AD-GA/1-0145-4

Submittal Date: 11/03/2010
Group Number: 1219455
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
Trip Blank Grab Water	6130836
SBW-1 Grab Water	6130837
SBW-2 Grab Water	6130838
SBW-3 Grab Water	6130839
SBW-4 Grab Water	6130840
SBW-5 Grab Water	6130841
DP-SBW Grab Water	6130842
SBW-7 Grab Water	6130843
SBW-8 Grab Water	6130844
SBW-9 Grab Water	6130845
SBW-10 Grab Water	6130846
SW-0 Grab Water	6130847
SW-0MS Grab Water	6130848
SW-0MSD Grab Water	6130849
DUP-SW Grab Water	6130850
SW-1 Grab Water	6130851
SW-2 Grab Water	6130852
SW-3 Grab Water	6130853
SW-4 Grab Water	6130854
SW-5 Grab Water	6130855
SW-6 Grab Water	6130856

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

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Analysis Report

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: Trip Blank Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130836
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

TB145

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 14:04	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 14:04	Nicholas R Rossi	1

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Analysis Report

Sample Description: SBW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130837
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 15:55 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW1-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 14:28	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 14:28	Nicholas R Rossi	1

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Analysis Report

Sample Description: SBW-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130838
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 16:15 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW2-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 14:52	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 14:52	Nicholas R Rossi	1

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Analysis Report

Sample Description: SBW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130839
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 16:20 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW3-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	10	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 15:15	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 15:15	Nicholas R Rossi	1

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Analysis Report

Sample Description: SBW-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130840
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 16:45 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW4-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	38	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	77	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	33	5	1
10903	1,1,1-Trichloroethane	71-55-6	52	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 15:39	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 15:39	Nicholas R Rossi	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130841
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 17:00 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW5-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 16:03	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 16:03	Nicholas R Rossi	1

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Analysis Report

Sample Description: DP-SBW Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130842
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 16:50 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DPSBW

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	38	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	78	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	22	5	1
10903	1,1,1-Trichloroethane	71-55-6	53	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 16:26	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 16:26	Nicholas R Rossi	1

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Analysis Report

Sample Description: SBW-7 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130843
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 17:40 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW7-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	7	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 16:49	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 16:49	Nicholas R Rossi	1

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Analysis Report

Sample Description: SBW-8 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130844
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 18:05 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW8-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 17:13	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 17:13	Nicholas R Rossi	1

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Analysis Report

Sample Description: SBW-9 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130845
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 18:20 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	36	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	340	25	5
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	130	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 17:36	Nicholas R Rossi	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103131AA	11/09/2010 14:14	Kerri E Legerlotz	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 17:36	Nicholas R Rossi	1

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Analysis Report

Sample Description: SBW-9 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130845
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 18:20 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW10

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	T103131AA	11/09/2010 14:14	Kerri E Legerlotz	5

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Analysis Report

Sample Description: SBW-10 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130846
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 18:30 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW0--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 18:00	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 18:00	Nicholas R Rossi	1

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Analysis Report

Sample Description: SW-0 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130847
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 15:30 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW0--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	4	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 18:23	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 18:23	Nicholas R Rossi	1

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Analysis Report

Sample Description: SW-0MS Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130848
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 15:30 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW0--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	110	20	1
10903	Benzene	71-43-2	23	5	1
10903	Bromodichloromethane	75-27-4	22	5	1
10903	Bromoform	75-25-2	18	5	1
10903	Bromomethane	74-83-9	18	5	1
10903	2-Butanone	78-93-3	120	10	1
10903	Carbon Disulfide	75-15-0	26	5	1
10903	Carbon Tetrachloride	56-23-5	26	5	1
10903	Chlorobenzene	108-90-7	21	5	1
10903	Chloroethane	75-00-3	20	5	1
10903	Chloroform	67-66-3	23	5	1
10903	Chloromethane	74-87-3	20	5	1
10903	Dibromochloromethane	124-48-1	20	5	1
10903	1,1-Dichloroethane	75-34-3	23	5	1
10903	1,2-Dichloroethane	107-06-2	24	5	1
10903	1,1-Dichloroethene	75-35-4	28	2	1
10903	cis-1,2-Dichloroethene	156-59-2	22	5	1
10903	trans-1,2-Dichloroethene	156-60-5	22	5	1
10903	1,2-Dichloropropane	78-87-5	21	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	20	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	20	5	1
10903	1,4-Dioxane	123-91-1	490	250	1
10903	Ethylbenzene	100-41-4	21	5	1
10903	2-Hexanone	591-78-6	82	10	1
10903	4-Methyl-2-pentanone	108-10-1	87	10	1
10903	Methylene Chloride	75-09-2	22	5	1
10903	Styrene	100-42-5	21	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	18	5	1
10903	Tetrachloroethene	127-18-4	21	5	1
10903	Toluene	108-88-3	22	5	1
10903	1,1,1-Trichloroethane	71-55-6	28	5	1
10903	1,1,2-Trichloroethane	79-00-5	20	5	1
10903	Trichloroethene	79-01-6	22	5	1
10903	Vinyl Chloride	75-01-4	20	2	1
10903	Xylene (Total)	1330-20-7	64	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 18:47	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 18:47	Nicholas R Rossi	1

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Analysis Report

Sample Description: SW-0MSD Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130849
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 15:30 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW0--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	110	20	1
10903	Benzene	71-43-2	22	5	1
10903	Bromodichloromethane	75-27-4	22	5	1
10903	Bromoform	75-25-2	18	5	1
10903	Bromomethane	74-83-9	17	5	1
10903	2-Butanone	78-93-3	120	10	1
10903	Carbon Disulfide	75-15-0	25	5	1
10903	Carbon Tetrachloride	56-23-5	24	5	1
10903	Chlorobenzene	108-90-7	21	5	1
10903	Chloroethane	75-00-3	19	5	1
10903	Chloroform	67-66-3	23	5	1
10903	Chloromethane	74-87-3	19	5	1
10903	Dibromochloromethane	124-48-1	21	5	1
10903	1,1-Dichloroethane	75-34-3	23	5	1
10903	1,2-Dichloroethane	107-06-2	23	5	1
10903	1,1-Dichloroethene	75-35-4	28	2	1
10903	cis-1,2-Dichloroethene	156-59-2	22	5	1
10903	trans-1,2-Dichloroethene	156-60-5	22	5	1
10903	1,2-Dichloropropane	78-87-5	21	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	20	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	20	5	1
10903	1,4-Dioxane	123-91-1	490	250	1
10903	Ethylbenzene	100-41-4	21	5	1
10903	2-Hexanone	591-78-6	82	10	1
10903	4-Methyl-2-pentanone	108-10-1	86	10	1
10903	Methylene Chloride	75-09-2	21	5	1
10903	Styrene	100-42-5	22	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	17	5	1
10903	Tetrachloroethene	127-18-4	22	5	1
10903	Toluene	108-88-3	22	5	1
10903	1,1,1-Trichloroethane	71-55-6	27	5	1
10903	1,1,2-Trichloroethane	79-00-5	20	5	1
10903	Trichloroethene	79-01-6	21	5	1
10903	Vinyl Chloride	75-01-4	20	2	1
10903	Xylene (Total)	1330-20-7	65	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 19:10	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 19:10	Nicholas R Rossi	1

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Analysis Report

Sample Description: DUP-SW Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130850
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 17:00 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SWDUP

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	4	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 19:34	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 19:34	Nicholas R Rossi	1

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Analysis Report

Sample Description: SW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130851
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 16:05 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW1--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	6	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 19:58	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 19:58	Nicholas R Rossi	1

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Analysis Report

Sample Description: SW-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130852
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 16:30 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW2--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	9	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 20:21	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 20:21	Nicholas R Rossi	1

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Analysis Report

Sample Description: SW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130853
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 17:10 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW3--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 20:45	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 20:45	Nicholas R Rossi	1

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Analysis Report

Sample Description: SW-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130854
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 17:25 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW4--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 21:08	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 21:08	Nicholas R Rossi	1

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Analysis Report

Sample Description: SW-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130855
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 17:50 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW5--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 21:31	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 21:31	Nicholas R Rossi	1

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Analysis Report

Sample Description: SW-6 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6130856
LLI Group # 1219455
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/01/2010 18:45 by TEH

Submitted: 11/03/2010 08:50
Reported: 11/15/2010 16:13

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW6--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	T103091AA	11/05/2010 21:55	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T103091AA	11/05/2010 21:55	Nicholas R Rossi	1

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1219455
Reported: 11/15/10 at 04:13 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: T103091AA	Sample number(s): 6130836-6130856							
Acetone	< 20	20.	ug/l	130		49-234		
Benzene	< 5	5.	ug/l	98		79-120		
Bromodichloromethane	< 5	5.	ug/l	97		80-120		
Bromoform	< 5	5.	ug/l	87		61-120		
Bromomethane	< 5	5.	ug/l	80		44-120		
2-Butanone	< 10	10.	ug/l	97		66-151		
Carbon Disulfide	< 5	5.	ug/l	102		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	105		75-123		
Chlorobenzene	< 5	5.	ug/l	98		80-120		
Chloroethane	< 5	5.	ug/l	102		49-129		
Chloroform	< 5	5.	ug/l	101		77-122		
Chloromethane	< 5	5.	ug/l	95		60-129		
Dibromochloromethane	< 5	5.	ug/l	96		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	101		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	107		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	101		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	101		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	101		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	99		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	95		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	96		79-120		
1,4-Dioxane	< 250	250.	ug/l	96		51-129		
Ethylbenzene	< 5	5.	ug/l	98		79-120		
2-Hexanone	< 10	10.	ug/l	92		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	84		70-121		
Methylene Chloride	< 5	5.	ug/l	95		80-120		
Styrene	< 5	5.	ug/l	102		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	84		71-120		
Tetrachloroethene	< 5	5.	ug/l	98		80-121		
Toluene	< 5	5.	ug/l	104		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	109		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	98		80-120		
Trichloroethene	< 5	5.	ug/l	100		80-120		
Vinyl Chloride	< 2	2.	ug/l	101		65-125		
Xylene (Total)	< 5	5.	ug/l	102		80-120		
Batch number: T103131AA	Sample number(s): 6130845							
1,1-Dichloroethene	< 5	5.	ug/l	110	109	74-123	0	30

Sample Matrix Quality Control

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1219455
Reported: 11/15/10 at 04:13 PM
Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: T103091AA	Sample number(s): 6130836-6130856 UNSPK: 6130847								
Acetone	77	76	52-139	1	30				
Benzene	113	110	80-126	3	30				
Bromodichloromethane	111	108	78-125	3	30				
Bromoform	90	91	60-121	1	30				
Bromomethane	89	83	38-149	8	30				
2-Butanone	81	79	57-138	2	30				
Carbon Disulfide	129	126	67-135	2	30				
Carbon Tetrachloride	128	121	81-138	6	30				
Chlorobenzene	104	105	87-124	1	30				
Chloroethane	100	97	51-145	4	30				
Chloroform	117	114	81-134	3	30				
Chloromethane	98	94	67-154	4	30				
Dibromochloromethane	102	103	74-116	0	30				
1,1-Dichloroethane	115	115	84-129	0	30				
1,2-Dichloroethane	119	117	66-141	2	30				
1,1-Dichloroethene	120	117	85-142	2	30				
cis-1,2-Dichloroethene	109	109	85-125	0	30				
trans-1,2-Dichloroethene	112	112	87-126	0	30				
1,2-Dichloropropane	106	106	83-124	0	30				
cis-1,3-Dichloropropene	99	101	75-125	2	30				
trans-1,3-Dichloropropene	101	100	74-119	1	30				
1,4-Dioxane	97	99	43-131	1	30				
Ethylbenzene	107	107	71-134	0	30				
2-Hexanone	82	82	55-127	1	30				
4-Methyl-2-pentanone	87	86	63-123	1	30				
Methylene Chloride	108	105	79-120	3	30				
Styrene	106	108	78-125	2	30				
1,1,2,2-Tetrachloroethane	89	85	73-119	4	30				
Tetrachloroethene	107	108	80-128	1	30				
Toluene	110	110	80-125	0	30				
1,1,1-Trichloroethane	129	127	80-143	1	30				
1,1,2-Trichloroethane	99	102	77-124	3	30				
Trichloroethene	109	107	88-133	1	30				
Vinyl Chloride	102	101	66-133	1	30				
Xylene (Total)	107	109	79-125	1	30				
Batch number: T103131AA	Sample number(s): 6130845 UNSPK: P133466								
1,1-Dichloroethene	118		85-142						

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs TCL 3.2 + 1,4-Dioxane
Batch number: T103091AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6130836	103	97	98	97
6130837	104	97	98	97

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1219455
Reported: 11/15/10 at 04:13 PM

Surrogate Quality Control

6130838	104	99	97	97
6130839	106	97	95	97
6130840	106	97	96	95
6130841	107	98	96	96
6130842	106	97	95	96
6130843	107	99	97	97
6130844	108	98	95	95
6130845	107	102	95	95
6130846	107	99	95	96
6130847	108	97	93	94
6130848	102	100	100	103
6130849	100	99	102	103
6130850	103	96	96	94
6130851	106	99	95	96
6130852	107	97	96	97
6130853	106	99	95	94
6130854	106	94	96	95
6130855	107	99	96	95
6130856	107	101	95	95
Blank	102	97	97	98
LCS	97	98	101	103
MS	102	100	100	103
MSD	100	99	102	103
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Master Scan (water)
Batch number: T103131AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	109	97	96	97
LCS	104	97	99	101
LCSD	101	97	101	104
MS	103	95	99	102
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 121945 Sample # 6130836-56

COC # 252389

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: The Johnson Company Acct. #: 06556
Project Name/#: AD-GA / 1-0145-4 PWSID #:
Project Manager: Glen Kirkpatrick P.O.#:
Sampler: TEH Quote #:
Name of state where samples were collected: GA

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | (4) Matrix: Soil | Water | Other (Potable / NPDES Check if Applicable) | Total # of Containers | (5) Analyses Requested: 8260 + 1,4 Dioxane | Preservation Codes: H

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	8260 + 1,4 Dioxane (H)
Trip Blank	11/1/10	—	X			X		2	X
SBW-1		1555	X			X		3	X
SBW-2		1615	X			X		3	X
SBW-3		1620	X			X		3	X
SBW-4		1645	X			X		3	X
SBW-5		1700	X			X		3	X
~~SBW-Dup~~ TEH 11/1/10 DP-SBW		1650	X			X		3	X
SBW-7		1740	X			X		3	X
SBW-8		1805	X			X		3	X
SBW-9	↓	1820	X			X		3	X

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

Remarks
Please use lower PQL of 2 µg/L for 1,1-DCE and Vinyl Chloride

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 802-229-4600 Fax #: 802-229-5876
E-mail address: GAK@jcomail.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
SDG Complete? Yes (No)
Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	11/2/10	1530			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	11/3/10	850

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 121945 Sample # 6130836-56

COC # 252388

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: The Johnson Company Acct. #: 06556

Project Name/#: AD-GA 1-0145-4 PWSID #:

Project Manager: Glen Kirkpatrick P.O.#:

Sampler: TEH Quote #:

Name of state where samples were collected: GA

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Please use lower PQL of 2 µg/L for 1,1-DCE and vinyl chloride

Remarks

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Soil	Water	Other	Total # of Containers	(5) Analyses Requested / Preservation Codes: 8260B + 1,4 dioxane	MS/MSD
									H	
SBW-10	11/1/10	1830	X			X		3	X	
SW-0		1530	X			X		3	X	X
Dup-SW		1700	X			X		3	X	
SW-1		1605	X			X		X	X	
SW-2		1630	X			X		X	X	
SW-3		1710	X			X		X	X	
SW-4		1725	X			X		X	X	
SW-5		1750	X			X		X	X	
SW-6		1845	X			X		X	X	

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax (E-mail)
Phone #: (802) 229-4600 Fax #: (802) 229-5876
E-mail address: GAK@jcmail.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
SDG Complete? Yes (No)
Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	11/2/10	1530			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	11/3/10	850

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co.

Date of Receipt: 11/3/10

Time of Receipt: 850

Source Code: 50-1

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9493	3.5°C	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
	11/3/10	1350	Unpacking to Storage
	11/3/10	1424	Place in Storage or (Entry)
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

November 17, 2010

Project: AD-GA/1-0145-4

Submittal Date: 11/05/2010
Group Number: 1219997
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
Trip Blank Grab Water	6133422
MW-66 Grab Water	6133423
MW-63 Grab Water	6133424
MW-64 Grab Water	6133425
MW-65S Grab Water	6133426
MW-65D Grab Water	6133427
EB-1 Grab Water	6133428
MW-47S Grab Water	6133429
MW-47D Grab Water	6133430
BR-4D Grab Water	6133431
BR-4S Grab Water	6133432
MW-5 Grab Water	6133433
MW-23 Grab Water	6133434
MW-48S Grab Water	6133435
DP-1 Grab Water	6133436
MW-48D Grab Water	6133437
MW-48D Matrix Spike Grab Water	6133438
MW-48D Matrix Spike Dup Grab Water	6133439
BR-24 Grab Water	6133440
PD-3 Grab Water	6133441
PD-4 Grab Water	6133442
DUP-2 Grab Water	6133443

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Lancaster Laboratories

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Analysis Report

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: Trip Blank Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133422
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGATB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 17:34	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 17:34	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-66 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133423
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 09:17 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA66

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 19:37	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 19:37	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-63 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133424
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 10:12 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA63

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	25	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	670	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	38	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 19:58	Frank A Valla, Jr	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 15:17	Kristen D Pelliccia	10

Lancaster Laboratories

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Analysis Report

Sample Description: MW-63 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133424
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 10:12 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA63

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 19:58	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103171AA	11/13/2010 15:17	Kristen D Pelliccia	10

Lancaster Laboratories

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Analysis Report

Sample Description: MW-64 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133425
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 11:12 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA64

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 200	200	10
10903	Benzene	71-43-2	< 50	50	10
10903	Bromodichloromethane	75-27-4	< 50	50	10
10903	Bromoform	75-25-2	< 50	50	10
10903	Bromomethane	74-83-9	< 50	50	10
10903	2-Butanone	78-93-3	< 100	100	10
10903	Carbon Disulfide	75-15-0	< 50	50	10
10903	Carbon Tetrachloride	56-23-5	< 50	50	10
10903	Chlorobenzene	108-90-7	< 50	50	10
10903	Chloroethane	75-00-3	< 50	50	10
10903	Chloroform	67-66-3	< 50	50	10
10903	Chloromethane	74-87-3	< 50	50	10
10903	Dibromochloromethane	124-48-1	< 50	50	10
10903	1,1-Dichloroethane	75-34-3	180	50	10
10903	1,2-Dichloroethane	107-06-2	< 50	50	10
10903	1,1-Dichloroethene	75-35-4	2,500	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 50	50	10
10903	trans-1,2-Dichloroethene	156-60-5	< 50	50	10
10903	1,2-Dichloropropane	78-87-5	< 50	50	10
10903	cis-1,3-Dichloropropene	10061-01-5	< 50	50	10
10903	trans-1,3-Dichloropropene	10061-02-6	< 50	50	10
10903	1,4-Dioxane	123-91-1	< 2,500	2,500	10
10903	Ethylbenzene	100-41-4	< 50	50	10
10903	2-Hexanone	591-78-6	< 100	100	10
10903	4-Methyl-2-pentanone	108-10-1	< 100	100	10
10903	Methylene Chloride	75-09-2	< 50	50	10
10903	Styrene	100-42-5	< 50	50	10
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 50	50	10
10903	Tetrachloroethene	127-18-4	< 50	50	10
10903	Toluene	108-88-3	< 50	50	10
10903	1,1,1-Trichloroethane	71-55-6	6,400	500	100
10903	1,1,2-Trichloroethane	79-00-5	< 50	50	10
10903	Trichloroethene	79-01-6	< 50	50	10
10903	Vinyl Chloride	75-01-4	< 20	20	10
10903	Xylene (Total)	1330-20-7	< 50	50	10

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/13/2010 01:53	Frank A Valla, Jr	10
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/13/2010 02:14	Frank A Valla, Jr	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/13/2010 01:53	Frank A Valla, Jr	10

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Analysis Report

Sample Description: MW-64 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133425
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 11:12 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA64

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103162AA	11/13/2010 02:14	Frank A Valla, Jr	100

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Analysis Report

Sample Description: MW-65S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133426
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 12:02 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA5S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	330	50	10
10903	1,2-Dichloroethane	107-06-2	38	5	1
10903	1,1-Dichloroethene	75-35-4	10,000	200	100
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	1,600	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	250	50	10
10903	1,1,2-Trichloroethane	79-00-5	12	5	1
10903	Trichloroethene	79-01-6	7	5	1
10903	Vinyl Chloride	75-01-4	20	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/13/2010 00:29	Frank A Valla, Jr	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/13/2010 00:50	Frank A Valla, Jr	10

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Analysis Report

Sample Description: MW-65S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133426
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 12:02 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

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AGA5S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 15:38	Kristen D Pelliccia	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/13/2010 00:29	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103162AA	11/13/2010 00:50	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	3	Y103171AA	11/13/2010 15:38	Kristen D Pelliccia	100

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Analysis Report

Sample Description: MW-65D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133427
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 13:22 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

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AGA5D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	39	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	310	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	320	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/13/2010 01:11	Frank A Valla, Jr	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/13/2010 01:32	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/13/2010 01:11	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-65D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133427
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 13:22 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

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Montpelier VT 05602

AGA5D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103162AA	11/13/2010 01:32	Frank A Valla, Jr	10

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Analysis Report

Sample Description: EB-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133428
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 12:45 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
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Montpelier VT 05602

AGAEB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 17:55	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 17:55	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-47S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133429
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 15:02 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

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Montpelier VT 05602

AGA7S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	43	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 20:19	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 20:19	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-47D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133430
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 16:02 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

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Montpelier VT 05602

AGA7D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 20:39	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 20:39	Frank A Valla, Jr	1

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Analysis Report

Sample Description: BR-4D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133431
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 16:37 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA4D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 21:00	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 21:00	Frank A Valla, Jr	1

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Analysis Report

Sample Description: BR-4S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133432
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 18:07 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA4S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 21:20	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 21:20	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133433
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 08:42 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	13	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	65	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 21:41	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 21:41	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-23 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133434
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 09:27 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	8	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	37	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	13	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 22:02	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 22:02	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-48S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133435
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 10:17 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA8S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	120	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	1,100	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	460	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	230	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	6	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 22:23	Frank A Valla, Jr	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 15:59	Kristen D Pelliccia	10

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Analysis Report

Sample Description: MW-48S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133435
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 10:17 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA8S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 22:23	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103171AA	11/13/2010 15:59	Kristen D Pelliccia	10

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Analysis Report

Sample Description: DP-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133436
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 11:00 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGAD1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	120	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	1,100	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	450	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	220	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	6	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 22:44	Frank A Valla, Jr	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 16:19	Kristen D Pelliccia	10

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Analysis Report

Sample Description: DP-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133436
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 11:00 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGAD1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 22:44	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103171AA	11/13/2010 16:19	Kristen D Pelliccia	10

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Analysis Report

Sample Description: MW-48D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133437
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 11:17 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

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Montpelier VT 05602

AGA8D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	110	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	1,300	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	470	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	380	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 18:15	Frank A Valla, Jr	1
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 19:17	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 18:15	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-48D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133437
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 11:17 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

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100 State Street
Montpelier VT 05602

AGA8D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y103162AA	11/12/2010 19:17	Frank A Valla, Jr	10

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Analysis Report

Sample Description: MW-48D Matrix Spike Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133438
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 11:17 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

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Montpelier VT 05602

AGA8D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	130	20	1
10903	Benzene	71-43-2	20	5	1
10903	Bromodichloromethane	75-27-4	19	5	1
10903	Bromoform	75-25-2	18	5	1
10903	Bromomethane	74-83-9	20	5	1
10903	2-Butanone	78-93-3	140	10	1
10903	Carbon Disulfide	75-15-0	19	5	1
10903	Carbon Tetrachloride	56-23-5	23	5	1
10903	Chlorobenzene	108-90-7	20	5	1
10903	Chloroethane	75-00-3	21	5	1
10903	Chloroform	67-66-3	21	5	1
10903	Chloromethane	74-87-3	17	5	1
10903	Dibromochloromethane	124-48-1	17	5	1
10903	1,1-Dichloroethane	75-34-3	130	5	1
10903	1,2-Dichloroethane	107-06-2	22	5	1
10903	1,1-Dichloroethene	75-35-4	2,000	2	1
10903	cis-1,2-Dichloroethene	156-59-2	20	5	1
10903	trans-1,2-Dichloroethene	156-60-5	22	5	1
10903	1,2-Dichloropropane	78-87-5	20	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	17	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	17	5	1
10903	1,4-Dioxane	123-91-1	1,000	250	1
10903	Ethylbenzene	100-41-4	21	5	1
10903	2-Hexanone	591-78-6	93	10	1
10903	4-Methyl-2-pentanone	108-10-1	93	10	1
10903	Methylene Chloride	75-09-2	25	5	1
10903	Styrene	100-42-5	21	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	21	5	1
10903	Tetrachloroethene	127-18-4	21	5	1
10903	Toluene	108-88-3	21	5	1
10903	1,1,1-Trichloroethane	71-55-6	520	5	1
10903	1,1,2-Trichloroethane	79-00-5	21	5	1
10903	Trichloroethene	79-01-6	22	5	1
10903	Vinyl Chloride	75-01-4	19	2	1
10903	Xylene (Total)	1330-20-7	61	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 18:36	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 18:36	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-48D Matrix Spike Dup Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133439
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 11:17 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

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AGA8D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	110	20	1
10903	Benzene	71-43-2	21	5	1
10903	Bromodichloromethane	75-27-4	19	5	1
10903	Bromoform	75-25-2	19	5	1
10903	Bromomethane	74-83-9	20	5	1
10903	2-Butanone	78-93-3	140	10	1
10903	Carbon Disulfide	75-15-0	19	5	1
10903	Carbon Tetrachloride	56-23-5	23	5	1
10903	Chlorobenzene	108-90-7	20	5	1
10903	Chloroethane	75-00-3	21	5	1
10903	Chloroform	67-66-3	21	5	1
10903	Chloromethane	74-87-3	17	5	1
10903	Dibromochloromethane	124-48-1	17	5	1
10903	1,1-Dichloroethane	75-34-3	120	5	1
10903	1,2-Dichloroethane	107-06-2	22	5	1
10903	1,1-Dichloroethene	75-35-4	1,800	2	1
10903	cis-1,2-Dichloroethene	156-59-2	21	5	1
10903	trans-1,2-Dichloroethene	156-60-5	22	5	1
10903	1,2-Dichloropropane	78-87-5	20	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	17	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	17	5	1
10903	1,4-Dioxane	123-91-1	820	250	1
10903	Ethylbenzene	100-41-4	21	5	1
10903	2-Hexanone	591-78-6	96	10	1
10903	4-Methyl-2-pentanone	108-10-1	95	10	1
10903	Methylene Chloride	75-09-2	25	5	1
10903	Styrene	100-42-5	21	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	20	5	1
10903	Tetrachloroethene	127-18-4	21	5	1
10903	Toluene	108-88-3	21	5	1
10903	1,1,1-Trichloroethane	71-55-6	510	5	1
10903	1,1,2-Trichloroethane	79-00-5	21	5	1
10903	Trichloroethene	79-01-6	22	5	1
10903	Vinyl Chloride	75-01-4	19	2	1
10903	Xylene (Total)	1330-20-7	61	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 18:56	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 18:56	Frank A Valla, Jr	1

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Analysis Report

Sample Description: BR-24 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133440
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 13:52 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 23:05	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 23:05	Frank A Valla, Jr	1

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Analysis Report

Sample Description: PD-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133441
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 12:20 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGAP3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	10	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	170	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	160	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 23:26	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 23:26	Frank A Valla, Jr	1

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Analysis Report

Sample Description: PD-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133442
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 15:45 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
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Montpelier VT 05602

AGAP4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	16	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	200	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	53	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/12/2010 23:47	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/12/2010 23:47	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Sample Description: DUP-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133443
LLI Group # 1219997
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 12:00 by TH

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:21

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGAFD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103162AA	11/13/2010 00:08	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103162AA	11/13/2010 00:08	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1219997
Reported: 11/17/10 at 07:21 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Y103162AA	Sample number(s): 6133422-6133443							
Acetone	< 20	20.	ug/l	110		49-234		
Benzene	< 5	5.	ug/l	99		79-120		
Bromodichloromethane	< 5	5.	ug/l	93		80-120		
Bromoform	< 5	5.	ug/l	97		61-120		
Bromomethane	< 5	5.	ug/l	100		44-120		
2-Butanone	< 10	10.	ug/l	98		66-151		
Carbon Disulfide	< 5	5.	ug/l	104		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	96		75-123		
Chlorobenzene	< 5	5.	ug/l	97		80-120		
Chloroethane	< 5	5.	ug/l	99		49-129		
Chloroform	< 5	5.	ug/l	99		77-122		
Chloromethane	< 5	5.	ug/l	86		60-129		
Dibromochloromethane	< 5	5.	ug/l	89		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	98		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	99		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	109		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	98		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	97		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	96		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	91		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	92		79-120		
1,4-Dioxane	< 250	250.	ug/l	101		51-129		
Ethylbenzene	< 5	5.	ug/l	99		79-120		
2-Hexanone	< 10	10.	ug/l	100		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	97		70-121		
Methylene Chloride	< 5	5.	ug/l	106		80-120		
Styrene	< 5	5.	ug/l	109		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	103		71-120		
Tetrachloroethene	< 5	5.	ug/l	97		80-121		
Toluene	< 5	5.	ug/l	100		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	95		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	100		80-120		
Trichloroethene	< 5	5.	ug/l	95		80-120		
Vinyl Chloride	< 2	2.	ug/l	83		65-125		
Xylene (Total)	< 5	5.	ug/l	94		80-120		
Batch number: Y103171AA	Sample number(s): 6133424,6133426,6133435-6133436							
1,1-Dichloroethene	< 2	2.	ug/l	100		74-123		

Sample Matrix Quality Control

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1219997
Reported: 11/17/10 at 07:21 PM
Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: Y103162AA	Sample number(s): 6133422-6133443 UNSPK: 6133437								
Acetone	87	73	52-139	17	30				
Benzene	102	103	80-126	1	30				
Bromodichloromethane	93	93	78-125	0	30				
Bromoform	91	93	60-121	2	30				
Bromomethane	102	99	38-149	3	30				
2-Butanone	91	92	57-138	1	30				
Carbon Disulfide	96	94	67-135	2	30				
Carbon Tetrachloride	113	113	81-138	0	30				
Chlorobenzene	99	101	87-124	2	30				
Chloroethane	103	103	51-145	0	30				
Chloroform	103	104	81-134	0	30				
Chloromethane	83	83	67-154	0	30				
Dibromochloromethane	86	87	74-116	0	30				
1,1-Dichloroethane	99 (2)	90 (2)	84-129	1	30				
1,2-Dichloroethane	100	100	66-141	1	30				
1,1-Dichloroethene	254 (2)	-280 (2)	85-142	6	30				
cis-1,2-Dichloroethene	102	105	85-125	3	30				
trans-1,2-Dichloroethene	109	109	87-126	1	30				
1,2-Dichloropropane	99	101	83-124	1	30				
cis-1,3-Dichloropropene	85	86	75-125	1	30				
trans-1,3-Dichloropropene	86	86	74-119	1	30				
1,4-Dioxane	111	71	43-131	22	30				
Ethylbenzene	103	104	71-134	0	30				
2-Hexanone	93	96	55-127	3	30				
4-Methyl-2-pentanone	93	95	63-123	2	30				
Methylene Chloride	108	106	79-120	2	30				
Styrene	106	106	78-125	0	30				
1,1,2,2-Tetrachloroethane	104	102	73-119	1	30				
Tetrachloroethene	105	106	80-128	1	30				
Toluene	103	104	80-125	1	30				
1,1,1-Trichloroethane	65 (2)	4 (2)	80-143	2	30				
1,1,2-Trichloroethane	104	105	77-124	1	30				
Trichloroethene	103	104	88-133	1	30				
Vinyl Chloride	82	82	66-133	0	30				
Xylene (Total)	99	100	79-125	1	30				
Batch number: Y103171AA	Sample number(s): 6133424,6133426,6133435-6133436 UNSPK: P133454								
1,1-Dichloroethene	117	110	85-142	6	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs TCL 3.2 + 1,4-Dioxane
Batch number: Y103162AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6133422	97	98	101	100

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1219997
Reported: 11/17/10 at 07:21 PM

Surrogate Quality Control

6133423	97	96	101	99
6133424	99	97	100	99
6133425	110	98	100	97
6133426	105	93	101	100
6133427	106	99	100	98
6133428	97	96	101	99
6133429	96	96	100	99
6133430	96	95	101	101
6133431	97	96	101	99
6133432	97	96	100	98
6133433	96	98	101	100
6133434	98	98	100	99
6133435	101	96	99	99
6133436	101	96	99	99
6133437	105	96	101	99
6133438	106	99	101	102
6133439	105	99	102	104
6133440	97	97	101	100
6133441	102	100	100	98
6133442	99	96	99	99
6133443	98	99	100	98
Blank	98	98	101	99
LCS	99	100	103	102
MS	106	99	101	102
MSD	105	99	102	104
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Master Scan (water)
Batch number: Y103171AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	96	95	101	98
LCS	99	100	102	103
MS	98	98	101	102
MSD	98	100	102	103
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1219997 Sample # 6133422-43

COC # 252391

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: The Johnson Company Acct. #: 06556

Project Name/#: AD-GA (1-0145-4 PWSID #:

Project Manager: Glen Kirkpatrick P.O.#:

Sampler: TEH (Tristan Hardy) Quote #:

Name of state where samples were collected: GA

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

Please use lower PQL of 2ug/L for 1,1-DCE and Vinyl Chloride

Remarks

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4) Soil	Water (Potable / NPDES)	Other	Total # of Containers	(5) Analyses Requested: Preservation Codes — 8260 + 1,4 Dioxane H
Trip Blank	11/3/10	—	X			X		2	X
MW-66		0917	X			X		3	X
MW-63		1012	X			X		3	X
MW-64		1112	X			X		3	X
MW-65S		1202	X			X		3	X
MW-65D		1322	X			X		3	X
EB-1		1245	X			X		3	X
MW-47S		1502	X			X		3	X
~~MW-48~~ TEH 11/3/10 MW-47D		1602	X			X		3	X
BR-4D		1637	X			X		3	X

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@jcomail.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

TX TRRP-13
MA MCP CT RCP

SDG Complete? (Yes) No

Site-specific QC (MS/MSD/Dup)? (Yes) No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	11/4/10	1600			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	11/5/10	900

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 06556 Group# 1219997 Sample # 6133422-43

COC # 252394

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC: _____
SCR#: _____

(1) Client: The Johnson Co. Inc Acct. #: 06556
Project Name/#: AD-GA / 1-0145-4 PWSID #: _____
Project Manager: Glen Kirkpatrick P.O.#: _____
Sampler: TEH (Tristan Hardy) RYJ (Ryan Janzen Quote #: _____
Name of state where samples were collected: _____

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	(4) Matrix: Soil	Water	Other	Total # of Containers	(5) Analyses Requested: 8260 + 1,4 Dioxane	MS/MSD	Remarks
									H		
BR-45	11/3/10	1807	X			X		3	X		
MW-5	11/4/10	0842	X			X		3	X		
MW-23		0927	X			X		3	X		
MW-48S		1017	X			X		3	X		
DP-1		1100	X			X		3	X		
MW-48D		1117	X			X		9	X	X	
BR-24		1352	X			X		3	X		
PD-3		1220	X			X		3	X		
PD-4		1545	X			X		3	X		
DUP-2	11/4/10	1200	X			X		3	X		

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Please use lower PQL of 2 ug/L for 1,1-DCE and Vinyl Chloride

(6) Temperature of samples upon receipt (if requested)

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: _____
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 802-229-4600 Fax #: 802-229-5876
E-mail address: GAK@icomail.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
SDG Complete? (Yes) No
Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	11/4/10	1600			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	11/5/10	900

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Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Issued by Dept. 6042 Management
2102.05

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co.

Date of Receipt: 11/5/10

Time of Receipt: 900

Source Code: 501

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9483	1.4°C	TB	WI	Y	B	
2	↓	0.7°C	↓	↓	↓	↓	
3	↓	4.3°C	↓	↓	↓	↓	
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Tammy Heland	11/5/10	1325	Unpacking to storage
	11/5/10	1601	Place in Storage or (Entry)
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

November 17, 2010

Project: AD-GA/1-0145-4

Submittal Date: 11/05/2010
Group Number: 1219999
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
BR-8S Grab Water	6133451
MW-20D Grab Water	6133452
MW-2 Grab Water	6133453
MW-1 Grab Water	6133454
MW-1 Matrix Spike Grab Water	6133455
MW-1 Matrix Spike Dup Grab Water	6133456
MW-3 Grab Water	6133457
BR-8D Grab Water	6133458
BR-22D Grab Water	6133459
BR-22S Grab Water	6133460
MW-62 Grab Water	6133461
BR-7 Grab Water	6133462

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: BR-8S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133451
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 10:09 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGB8S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 16:40	Kristen D Pelliccia	1

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Analysis Report

Sample Description: BR-8S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133451
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 10:09 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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Montpelier VT 05602

AGB8S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 16:40	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-20D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133452
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 13:23 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGA20

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 17:01	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-20D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133452
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 13:23 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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Montpelier VT 05602

AGA20

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 17:01	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133453
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 15:03 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
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100 State Street
Montpelier VT 05602

AGA02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 17:22	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133453
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 15:03 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
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100 State Street
Montpelier VT 05602

AGA02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 17:22	Kristen D Pelliccia	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133454
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 16:03 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
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Montpelier VT 05602

AGA01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 14:15	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133454
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 16:03 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGA01

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 14:15	Kristen D Pelliccia	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1 Matrix Spike Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133455
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 16:03 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGA01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	190	20	1
10903	Benzene	71-43-2	20	5	1
10903	Bromodichloromethane	75-27-4	19	5	1
10903	Bromoform	75-25-2	19	5	1
10903	Bromomethane	74-83-9	24	5	1
10903	2-Butanone	78-93-3	140	10	1
10903	Carbon Disulfide	75-15-0	19	5	1
10903	Carbon Tetrachloride	56-23-5	21	5	1
10903	Chlorobenzene	108-90-7	20	5	1
10903	Chloroethane	75-00-3	23	5	1
10903	Chloroform	67-66-3	20	5	1
10903	Chloromethane	74-87-3	20	5	1
10903	Dibromochloromethane	124-48-1	18	5	1
10903	1,1-Dichloroethane	75-34-3	21	5	1
10903	1,2-Dichloroethane	107-06-2	20	5	1
10903	1,1-Dichloroethene	75-35-4	23	2	1
10903	cis-1,2-Dichloroethene	156-59-2	20	5	1
10903	trans-1,2-Dichloroethene	156-60-5	21	5	1
10903	1,2-Dichloropropane	78-87-5	20	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	17	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	18	5	1
10903	1,4-Dioxane	123-91-1	560	250	1
10903	Ethylbenzene	100-41-4	21	5	1
10903	2-Hexanone	591-78-6	98	10	1
10903	4-Methyl-2-pentanone	108-10-1	96	10	1
10903	Methylene Chloride	75-09-2	21	5	1
10903	Styrene	100-42-5	22	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	21	5	1
10903	Tetrachloroethene	127-18-4	20	5	1
10903	Toluene	108-88-3	21	5	1
10903	1,1,1-Trichloroethane	71-55-6	21	5	1
10903	1,1,2-Trichloroethane	79-00-5	20	5	1
10903	Trichloroethene	79-01-6	20	5	1
10903	Vinyl Chloride	75-01-4	19	2	1
10903	Xylene (Total)	1330-20-7	59	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 14:36	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-1 Matrix Spike Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133455
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 16:03 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGA01

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 14:36	Kristen D Pelliccia	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1 Matrix Spike Dup Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133456
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 16:03 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGA01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	190	20	1
10903	Benzene	71-43-2	20	5	1
10903	Bromodichloromethane	75-27-4	19	5	1
10903	Bromoform	75-25-2	19	5	1
10903	Bromomethane	74-83-9	23	5	1
10903	2-Butanone	78-93-3	140	10	1
10903	Carbon Disulfide	75-15-0	17	5	1
10903	Carbon Tetrachloride	56-23-5	20	5	1
10903	Chlorobenzene	108-90-7	20	5	1
10903	Chloroethane	75-00-3	22	5	1
10903	Chloroform	67-66-3	20	5	1
10903	Chloromethane	74-87-3	20	5	1
10903	Dibromochloromethane	124-48-1	18	5	1
10903	1,1-Dichloroethane	75-34-3	20	5	1
10903	1,2-Dichloroethane	107-06-2	20	5	1
10903	1,1-Dichloroethene	75-35-4	22	2	1
10903	cis-1,2-Dichloroethene	156-59-2	20	5	1
10903	trans-1,2-Dichloroethene	156-60-5	20	5	1
10903	1,2-Dichloropropane	78-87-5	20	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	18	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	18	5	1
10903	1,4-Dioxane	123-91-1	610	250	1
10903	Ethylbenzene	100-41-4	21	5	1
10903	2-Hexanone	591-78-6	98	10	1
10903	4-Methyl-2-pentanone	108-10-1	97	10	1
10903	Methylene Chloride	75-09-2	21	5	1
10903	Styrene	100-42-5	22	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	21	5	1
10903	Tetrachloroethene	127-18-4	20	5	1
10903	Toluene	108-88-3	21	5	1
10903	1,1,1-Trichloroethane	71-55-6	21	5	1
10903	1,1,2-Trichloroethane	79-00-5	20	5	1
10903	Trichloroethene	79-01-6	20	5	1
10903	Vinyl Chloride	75-01-4	20	2	1
10903	Xylene (Total)	1330-20-7	59	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 14:57	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-1 Matrix Spike Dup Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133456
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 16:03 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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100 State Street
Montpelier VT 05602

AGA01

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 14:57	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133457
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 17:37 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
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AGA03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	23	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	220	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	3	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 17:42	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133457
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/03/2010 17:37 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGA03

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 17:42	Kristen D Pelliccia	1

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Analysis Report

Sample Description: BR-8D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133458
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 08:52 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
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AGB8D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 18:03	Kristen D Pelliccia	1

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Analysis Report

Sample Description: BR-8D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133458
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 08:52 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGB8D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 18:03	Kristen D Pelliccia	1

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Analysis Report

Sample Description: BR-22D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133459
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 11:38 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGA2D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 18:25	Kristen D Pelliccia	1

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Analysis Report

Sample Description: BR-22D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133459
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 11:38 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGA2D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 18:25	Kristen D Pelliccia	1

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Analysis Report

Sample Description: BR-22S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133460
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 13:07 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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Montpelier VT 05602

AGA2S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 18:46	Kristen D Pelliccia	1

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Analysis Report

Sample Description: BR-22S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133460
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 13:07 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

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AGA2S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 18:46	Kristen D Pelliccia	1

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Analysis Report

Sample Description: MW-62 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133461
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 14:04 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
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Montpelier VT 05602

AGA62

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 19:06	Kristen D Pelliccia	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-62 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133461
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 14:04 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA62

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 19:06	Kristen D Pelliccia	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-7 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133462
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 15:01 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/11

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs TCL 3.2 + 1,4-Dioxane	SW-846 8260B	1	Y103171AA	11/13/2010 19:27	Kristen D Pelliccia	1

Lancaster Laboratories

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Analysis Report

Sample Description: BR-7 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6133462
LLI Group # 1219999
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 11/04/2010 15:01 by RVJ

Submitted: 11/05/2010 09:00
Reported: 11/17/2010 19:18

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

AGA07

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y103171AA	11/13/2010 19:27	Kristen D Pelliccia	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1219999
Reported: 11/17/10 at 07:18 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: Y103171AA	Sample number(s): 6133451-6133462							
Acetone	< 20	20.	ug/l	199		49-234		
Benzene	< 5	5.	ug/l	98		79-120		
Bromodichloromethane	< 5	5.	ug/l	93		80-120		
Bromoform	< 5	5.	ug/l	102		61-120		
Bromomethane	< 5	5.	ug/l	89		44-120		
2-Butanone	< 10	10.	ug/l	126		66-151		
Carbon Disulfide	< 5	5.	ug/l	100		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	94		75-123		
Chlorobenzene	< 5	5.	ug/l	99		80-120		
Chloroethane	< 5	5.	ug/l	88		49-129		
Chloroform	< 5	5.	ug/l	100		77-122		
Chloromethane	< 5	5.	ug/l	73		60-129		
Dibromochloromethane	< 5	5.	ug/l	96		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	100		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	100		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	100		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	98		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	96		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	98		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	93		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	95		79-120		
1,4-Dioxane	< 250	250.	ug/l	74		51-129		
Ethylbenzene	< 5	5.	ug/l	99		79-120		
2-Hexanone	< 10	10.	ug/l	117		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	101		70-121		
Methylene Chloride	< 5	5.	ug/l	105		80-120		
Styrene	< 5	5.	ug/l	111		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	107		71-120		
Tetrachloroethene	< 5	5.	ug/l	97		80-121		
Toluene	< 5	5.	ug/l	101		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	99		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	102		80-120		
Trichloroethene	< 5	5.	ug/l	96		80-120		
Vinyl Chloride	< 2	2.	ug/l	67		65-125		
Xylene (Total)	< 5	5.	ug/l	95		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1219999
Reported: 11/17/10 at 07:18 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: Y103171AA	Sample number(s): 6133451-6133462 UNSPK: 6133454								
Acetone	124	126	52-139	2	30				
Benzene	102	101	80-126	1	30				
Bromodichloromethane	93	94	78-125	1	30				
Bromoform	97	96	60-121	1	30				
Bromomethane	118	116	38-149	2	30				
2-Butanone	94	96	57-138	2	30				
Carbon Disulfide	95	83	67-135	13	30				
Carbon Tetrachloride	103	101	81-138	2	30				
Chlorobenzene	100	102	87-124	2	30				
Chloroethane	115	112	51-145	3	30				
Chloroform	101	102	81-134	1	30				
Chloromethane	100	101	67-154	1	30				
Dibromochloromethane	90	89	74-116	1	30				
1,1-Dichloroethane	103	102	84-129	1	30				
1,2-Dichloroethane	102	101	66-141	1	30				
1,1-Dichloroethene	117	110	85-142	6	30				
cis-1,2-Dichloroethene	102	101	85-125	2	30				
trans-1,2-Dichloroethene	103	100	87-126	3	30				
1,2-Dichloropropane	100	102	83-124	2	30				
cis-1,3-Dichloropropene	87	89	75-125	3	30				
trans-1,3-Dichloropropene	90	89	74-119	0	30				
1,4-Dioxane	112	122	43-131	9	30				
Ethylbenzene	104	105	71-134	1	30				
2-Hexanone	98	98	55-127	1	30				
4-Methyl-2-pentanone	96	97	63-123	1	30				
Methylene Chloride	107	104	79-120	3	30				
Styrene	108	109	78-125	1	30				
1,1,2,2-Tetrachloroethane	105	105	73-119	0	30				
Tetrachloroethene	102	102	80-128	0	30				
Toluene	104	104	80-125	0	30				
1,1,1-Trichloroethane	106	107	80-143	1	30				
1,1,2-Trichloroethane	101	100	77-124	1	30				
Trichloroethene	100	102	88-133	2	30				
Vinyl Chloride	97	98	66-133	2	30				
Xylene (Total)	98	99	79-125	1	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs TCL 3.2 + 1,4-Dioxane
Batch number: Y103171AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6133451	97	97	101	98
6133452	98	96	100	98
6133453	96	97	99	97
6133454	97	95	101	100
6133455	98	98	101	102
6133456	98	100	102	103
6133457	97	98	99	98
6133458	97	97	99	99
6133459	97	98	102	99

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1219999
Reported: 11/17/10 at 07:18 PM

Surrogate Quality Control

6133460	97	99	100	98
6133461	97	96	98	98
6133462	97	92	99	97
Blank	96	95	101	98
LCS	99	100	102	103
MS	98	98	101	102
MSD	98	100	102	103
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 06556 Group# 1219999 Sample # 6133451-62

COC # 252393

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: The Johnson Company Acct. #: 06556

Project Name/#: AD-GA 1-0145-4 PWSID #:

Project Manager: Glen Kirkpatrick P.O.#:

Sampler: RVJ Quote #:

Name of state where samples were collected: GA

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

Please use PQL of 2µg/L for 1,1-DCE and vinyl chloride.

Remarks

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix: Soil	Water (Potable / NPDES)	Other	(4) Total # of Containers	(5) Analyses Requested: Preservation Codes: H	8260B + 1,4 dioxane	Remarks
BR-8S	11/3/10	1009	X			X		3	X	X	
MW-20D	11/3/10	1323	X			X		3	X	X	
MW-2	11/3/10	1503	X			X		3	X	X	
MW-1	11/3/10	1603	X			X		9	X	X	MS/MSD
MW-3	11/3/10	1737	X			X		3	X	X	
BR-8D	11/4/10	0852	X			X		3	X	X	
BR-22D	11/4/10	1138	X			X		3	X	X	
BR-22S	11/4/10	1307	X			X		3	X	X	
MW-62	11/4/10	1404	X			X		3	X	X	
BR-7	11/4/10	1501	X			X		3	X	X	

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax (E-mail)

Phone #: (802) 229-4600 Fax #: (802) 229-5786

E-mail address: GAK@jcomail.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)

Type II (Tier II)

Type III (Reduced NJ)

Type IV (CLP SOW)

Type VI (Raw Data Only)

TX TRRP-13

MA MCP CT RCP

SDG Complete? (Yes) No

Site-specific QC (MS/MSD/Dup)? (Yes) No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	11/4/10	1600			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	11/5/10	900

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co.

Date of Receipt: 11/5/10

Time of Receipt: 900

Source Code: 501

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9483	1.4°C	TB	WI	Y	B	
2	↓	0.7°C	↓	↓	↓	↓	
3	↓	4.3°C	↓	↓	↓	↓	
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Mary M	11/5/10	1325	Unpacking to storage
Tammy Deland	11/5/10	16006	Place in Storage or (Entry)
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

February 10, 2011

Project: AD-GA/1-0145-4

Submittal Date: 02/08/2011
Group Number: 1232064
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
SW-DS-2 Grab Water	6200189
SW-DS-1 Grab Water	6200190
SW-0 Grab Water	6200191
SW-0 MS Grab Water	6200192
SW-0 MSD Grab Water	6200193
DP-1 Grab Water	6200194

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Lawrence M. Taylor
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200189
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 09:50 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS-2-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 20:33	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200189
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 09:50 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS-2-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 20:33	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200190
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:05 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS-1-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 20:55	Frank A Valla, Jr	1

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Analysis Report

Sample Description: SW-DS-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200190
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:05 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS-1-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 20:55	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-0 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200191
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:08 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW0--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 21:17	Frank A Valla, Jr	1

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Analysis Report

Sample Description: SW-0 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200191
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:08 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
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Montpelier VT 05602

SW0--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 21:17	Frank A Valla, Jr	1

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Analysis Report

Sample Description: SW-0 MS Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200192
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:08 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW0--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	140	20	1
10903	Benzene	71-43-2	23	5	1
10903	Bromodichloromethane	75-27-4	21	5	1
10903	Bromoform	75-25-2	18	5	1
10903	Bromomethane	74-83-9	15	5	1
10903	2-Butanone	78-93-3	140	10	1
10903	Carbon Disulfide	75-15-0	21	5	1
10903	Carbon Tetrachloride	56-23-5	23	5	1
10903	Chlorobenzene	108-90-7	25	5	1
10903	Chloroethane	75-00-3	16	5	1
10903	Chloroform	67-66-3	22	5	1
10903	Chloromethane	74-87-3	20	5	1
10903	Dibromochloromethane	124-48-1	21	5	1
10903	1,1-Dichloroethane	75-34-3	22	5	1
10903	1,2-Dichloroethane	107-06-2	21	5	1
10903	1,1-Dichloroethene	75-35-4	28	2	1
10903	cis-1,2-Dichloroethene	156-59-2	24	5	1
10903	trans-1,2-Dichloroethene	156-60-5	24	5	1
10903	1,2-Dichloropropane	78-87-5	21	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	19	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	21	5	1
10903	1,4-Dioxane	123-91-1	510	250	1
10903	Ethylbenzene	100-41-4	25	5	1
10903	2-Hexanone	591-78-6	96	10	1
10903	4-Methyl-2-pentanone	108-10-1	93	10	1
10903	Methylene Chloride	75-09-2	23	5	1
10903	Styrene	100-42-5	24	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	19	5	1
10903	Tetrachloroethene	127-18-4	25	5	1
10903	Toluene	108-88-3	23	5	1
10903	1,1,1-Trichloroethane	71-55-6	24	5	1
10903	1,1,2-Trichloroethane	79-00-5	23	5	1
10903	Trichloroethene	79-01-6	22	5	1
10903	Vinyl Chloride	75-01-4	21	2	1
10903	Xylene (Total)	1330-20-7	72	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 21:39	Frank A Valla, Jr	1

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Analysis Report

Sample Description: SW-0 MS Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200192
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:08 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

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SW0--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 21:39	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-0 MSD Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200193
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:08 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

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Montpelier VT 05602

SW0--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	130	20	1
10903	Benzene	71-43-2	22	5	1
10903	Bromodichloromethane	75-27-4	20	5	1
10903	Bromoform	75-25-2	17	5	1
10903	Bromomethane	74-83-9	14	5	1
10903	2-Butanone	78-93-3	130	10	1
10903	Carbon Disulfide	75-15-0	20	5	1
10903	Carbon Tetrachloride	56-23-5	22	5	1
10903	Chlorobenzene	108-90-7	21	5	1
10903	Chloroethane	75-00-3	14	5	1
10903	Chloroform	67-66-3	21	5	1
10903	Chloromethane	74-87-3	19	5	1
10903	Dibromochloromethane	124-48-1	19	5	1
10903	1,1-Dichloroethane	75-34-3	22	5	1
10903	1,2-Dichloroethane	107-06-2	21	5	1
10903	1,1-Dichloroethene	75-35-4	27	2	1
10903	cis-1,2-Dichloroethene	156-59-2	22	5	1
10903	trans-1,2-Dichloroethene	156-60-5	23	5	1
10903	1,2-Dichloropropane	78-87-5	20	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	19	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	18	5	1
10903	1,4-Dioxane	123-91-1	490	250	1
10903	Ethylbenzene	100-41-4	22	5	1
10903	2-Hexanone	591-78-6	84	10	1
10903	4-Methyl-2-pentanone	108-10-1	86	10	1
10903	Methylene Chloride	75-09-2	21	5	1
10903	Styrene	100-42-5	21	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	19	5	1
10903	Tetrachloroethene	127-18-4	23	5	1
10903	Toluene	108-88-3	21	5	1
10903	1,1,1-Trichloroethane	71-55-6	24	5	1
10903	1,1,2-Trichloroethane	79-00-5	20	5	1
10903	Trichloroethene	79-01-6	22	5	1
10903	Vinyl Chloride	75-01-4	20	2	1
10903	Xylene (Total)	1330-20-7	67	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 22:01	Frank A Valla, Jr	1

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Analysis Report

Sample Description: SW-0 MSD Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200193
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:08 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW0--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 22:01	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Sample Description: DP-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200194
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 12:00 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DP-1-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 22:23	Frank A Valla, Jr	1

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Analysis Report

Sample Description: DP-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200194
LLI Group # 1232064
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 12:00 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/10/2011 12:38

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DP-1-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 22:23	Frank A Valla, Jr	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232064
Reported: 02/10/11 at 12:38 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L110402AA	Sample number(s): 6200189-6200194							
Acetone	< 20	20.	ug/l	116		49-234		
Benzene	< 5	5.	ug/l	99		79-120		
Bromodichloromethane	< 5	5.	ug/l	95		80-120		
Bromoform	< 5	5.	ug/l	80		61-120		
Bromomethane	< 5	5.	ug/l	73		44-120		
2-Butanone	< 10	10.	ug/l	102		66-151		
Carbon Disulfide	< 5	5.	ug/l	103		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	98		75-123		
Chlorobenzene	< 5	5.	ug/l	101		80-120		
Chloroethane	< 5	5.	ug/l	85		49-129		
Chloroform	< 5	5.	ug/l	97		77-122		
Chloromethane	< 5	5.	ug/l	86		60-129		
Dibromochloromethane	< 5	5.	ug/l	88		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	100		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	95		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	112		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	105		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	106		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	92		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	90		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	88		79-120		
1,4-Dioxane	< 250	250.	ug/l	94		51-129		
Ethylbenzene	< 5	5.	ug/l	95		79-120		
2-Hexanone	< 10	10.	ug/l	83		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	82		70-121		
Methylene Chloride	< 5	5.	ug/l	107		80-120		
Styrene	< 5	5.	ug/l	93		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	78		71-120		
Tetrachloroethene	< 5	5.	ug/l	95		80-121		
Toluene	< 5	5.	ug/l	96		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	99		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	91		80-120		
Trichloroethene	< 5	5.	ug/l	96		80-120		
Vinyl Chloride	< 2	2.	ug/l	90		65-125		
Xylene (Total)	< 5	5.	ug/l	104		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232064
Reported: 02/10/11 at 12:38 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: L110402AA	Sample number(s): 6200189-6200194 UNSPK: 6200191								
Acetone	96	85	52-139	12	30				
Benzene	115	112	80-126	3	30				
Bromodichloromethane	104	99	78-125	5	30				
Bromoform	92	84	60-121	9	30				
Bromomethane	77	71	38-149	8	30				
2-Butanone	94	84	57-138	11	30				
Carbon Disulfide	104	101	67-135	4	30				
Carbon Tetrachloride	116	112	81-138	3	30				
Chlorobenzene	126*	106	87-124	17	30				
Chloroethane	79	70	51-145	12	30				
Chloroform	110	105	81-134	5	30				
Chloromethane	102	94	67-154	8	30				
Dibromochloromethane	105	93	74-116	12	30				
1,1-Dichloroethane	112	112	84-129	0	30				
1,2-Dichloroethane	107	103	66-141	4	30				
1,1-Dichloroethene	125	120	85-142	4	30				
cis-1,2-Dichloroethene	118	111	85-125	6	30				
trans-1,2-Dichloroethene	119	113	87-126	5	30				
1,2-Dichloropropane	105	99	83-124	6	30				
cis-1,3-Dichloropropene	97	94	75-125	3	30				
trans-1,3-Dichloropropene	104	91	74-119	13	30				
1,4-Dioxane	101	98	43-131	3	30				
Ethylbenzene	124	111	71-134	11	30				
2-Hexanone	96	84	55-127	13	30				
4-Methyl-2-pentanone	93	86	63-123	7	30				
Methylene Chloride	115	107	79-120	7	30				
Styrene	119	105	78-125	13	30				
1,1,2,2-Tetrachloroethane	97	93	73-119	4	30				
Tetrachloroethene	123	115	80-128	6	30				
Toluene	114	105	80-125	9	30				
1,1,1-Trichloroethane	118	116	80-143	1	30				
1,1,2-Trichloroethane	113	98	77-124	14	30				
Trichloroethene	112	110	88-133	2	30				
Vinyl Chloride	107	101	66-133	6	30				
Xylene (Total)	121	112	79-125	7	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 Std. Water Master
Batch number: L110402AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6200189	95	95	100	96
6200190	97	98	101	101
6200191	98	98	92	94
6200192	96	98	103	98
6200193	101	99	96	96
6200194	98	100	101	100
Blank	100	103	103	99
LCS	99	96	92	96
MS	96	98	103	98

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232064
Reported: 02/10/11 at 12:38 PM

Surrogate Quality Control

MSD	101	99	96	96
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1232064 Sample # 6200189-94

COC # 257019

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: JOHNSON COMPANY Acct. #: 05665

Project Name/#: AD-GA / 1-0145-4 PWSID #:

Project Manager: GLEN KIRKPATRICK P.O.#:

Sampler: TEH / KES Quote #:

Name of state where samples were collected: GA

For Lab Use Only

FSC:

SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

PLEASE USE A PQL of 2µg/L for Vinyl Chloride AND 1,1-Dichloroethene

Remarks

RUSH

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix: Soil	Water	Other	(4) Total # of Containers	(5) Analyses Requested: Preservation Codes H	8260 + 1,4-Dioxane	+ MS/MSD
SW-DS-2	2/6/11	0950	X			X		3	X		
SW-DS-1	↓	1005	X			X		3	X		
SW-O	↓	1008	X			X		9	X		X
DP-1	↓	1200	X			X		3	X		

(7) **Turnaround Time Requested** (TAT) (please circle): Normal (Rush)

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed: 2 day turn-around

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@jcomail.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

TX TRRP-13
MA MCP CT RCP

SDG Complete? Yes (No)

Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	2/7/11	1100			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/8/11	920

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Johnson Co.

Date of Receipt: 2/8/11

Time of Receipt: 920

Source Code: 50-1

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9493	3.3°C	TB	WI	Y	B	
2	↓	2.8°C	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	2/8/11	~~0854, 2/8/11~~ ~~1050~~ 950	Unpacking to Storage
[signature]	2/8/11	1023	Place in Storage or (Entry)
			Entry
			Entry

Issued by Dept. 6042 Management
2174.05

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

February 11, 2011

Project: AD-GA/1-0145-4

Submittal Date: 02/08/2011
Group Number: 1232065
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
SW-1 Grab Water	6200195
SW-2 Grab Water	6200196
SW-3 Grab Water	6200197
SW-4 Grab Water	6200198
SW-5 Grab Water	6200199
SW-6 Grab Water	6200200

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Lawrence M. Taylor
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: SW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200195
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:23 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW-1-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories

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Analysis Report

Sample Description: SW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200195
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:23 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW-1-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 05:25	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 05:25	Angela D Sneeringer	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200196
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:59 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	4	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories

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Analysis Report

Sample Description: SW-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200196
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:59 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 05:47	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 05:47	Angela D Sneeringer	1

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Analysis Report

Sample Description: SW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200197
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:55 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: SW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200197
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:55 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 06:09	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 06:09	Angela D Sneeringer	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200198
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 12:15 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: SW-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200198
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 12:15 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 06:31	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 06:31	Angela D Sneeringer	1

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Analysis Report

Sample Description: SW-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200199
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:05 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories

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Analysis Report

Sample Description: SW-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200199
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:05 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--5

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 06:53	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 06:53	Angela D Sneeringer	1

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Analysis Report

Sample Description: SW-6 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200200
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:40 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: SW-6 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200200
LLI Group # 1232065
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:40 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/11/2011 13:22

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW--6

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 07:15	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 07:15	Angela D Sneeringer	1

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232065
Reported: 02/11/11 at 01:22 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L110401AA	Sample number(s): 6200195-6200200							
Acetone	< 20	20.	ug/l	114		49-234		
Benzene	< 5	5.	ug/l	102		79-120		
Bromodichloromethane	< 5	5.	ug/l	94		80-120		
Bromoform	< 5	5.	ug/l	94		61-120		
Bromomethane	< 5	5.	ug/l	59		44-120		
2-Butanone	< 10	10.	ug/l	100		66-151		
Carbon Disulfide	< 5	5.	ug/l	100		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	98		75-123		
Chlorobenzene	< 5	5.	ug/l	100		80-120		
Chloroethane	< 5	5.	ug/l	54		49-129		
Chloroform	< 5	5.	ug/l	98		77-122		
Chloromethane	< 5	5.	ug/l	78		60-129		
Dibromochloromethane	< 5	5.	ug/l	94		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	98		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	97		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	104		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	102		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	103		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	100		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	93		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	94		79-120		
1,4-Dioxane	< 250	250.	ug/l	101		51-129		
Ethylbenzene	< 5	5.	ug/l	99		79-120		
2-Hexanone	< 10	10.	ug/l	94		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	93		70-121		
Methylene Chloride	< 5	5.	ug/l	105		80-120		
Styrene	< 5	5.	ug/l	103		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	97		71-120		
Tetrachloroethene	< 5	5.	ug/l	105		80-121		
Toluene	< 5	5.	ug/l	102		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	97		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	102		80-120		
Trichloroethene	< 5	5.	ug/l	99		80-120		
Vinyl Chloride	< 2	2.	ug/l	81		65-125		
Xylene (Total)	< 5	5.	ug/l	105		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232065
Reported: 02/11/11 at 01:22 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: L110401AA	Sample number(s): 6200195-6200200 UNSPK: P200204								
Acetone	84	78	52-139	7	30				
Benzene	98	93	80-126	5	30				
Bromodichloromethane	89	85	78-125	4	30				
Bromoform	81	78	60-121	5	30				
Bromomethane	68	62	38-149	10	30				
2-Butanone	84	77	57-138	8	30				
Carbon Disulfide	93	85	67-135	9	30				
Carbon Tetrachloride	103	97	81-138	6	30				
Chlorobenzene	97	92	87-124	6	30				
Chloroethane	62	65	51-145	5	30				
Chloroform	98	90	81-134	9	30				
Chloromethane	91	85	67-154	6	30				
Dibromochloromethane	89	84	74-116	6	30				
1,1-Dichloroethane	81*	78*	84-129	1	30				
1,2-Dichloroethane	98	89	66-141	10	30				
1,1-Dichloroethene	74 (2)	58 (2)	85-142	3	30				
cis-1,2-Dichloroethene	107	100	85-125	7	30				
trans-1,2-Dichloroethene	99	100	87-126	0	30				
1,2-Dichloropropane	92	86	83-124	7	30				
cis-1,3-Dichloropropene	82	77	75-125	6	30				
trans-1,3-Dichloropropene	87	82	74-119	6	30				
1,4-Dioxane	92	84	43-131	9	30				
Ethylbenzene	98	93	71-134	5	30				
2-Hexanone	81	82	55-127	0	30				
4-Methyl-2-pentanone	82	74	63-123	10	30				
Methylene Chloride	100	93	79-120	7	30				
Styrene	102	97	78-125	6	30				
1,1,2,2-Tetrachloroethane	87	82	73-119	5	30				
Tetrachloroethene	117	120	80-128	2	30				
Toluene	100	96	80-125	3	30				
1,1,1-Trichloroethane	110	100	80-143	3	30				
1,1,2-Trichloroethane	100	92	77-124	8	30				
Trichloroethene	100	93	88-133	7	30				
Vinyl Chloride	98	91	66-133	7	30				
Xylene (Total)	104	99	79-125	5	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 Std. Water Master
Batch number: L110401AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6200195	102	99	94	95
6200196	98	100	101	101
6200197	99	98	101	99
6200198	101	100	93	91
6200199	97	98	98	96
6200200	96	97	95	95
Blank	98	98	99	99
LCS	100	103	100	97
MS	99	100	101	97

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232065
Reported: 02/11/11 at 01:22 PM

Surrogate Quality Control

MSD	101	99	101	103
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1232065 Sample # 6200195-200

COC # 257020

Please print. Instructions on reverse side correspond with circled numbers.

(1)

Client: THE JOHNSON COMPANY Acct. #: 06556

Project Name/#: AD-GA / 1-0145-4 PWSID #:

Project Manager: GLEN KIRKPATRICK P.O.#:

Sampler: TEH / KES Quote #:

Name of state where samples were collected: GA

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix: Soil	Water	Other (Potable / NPDES)	(4) Total # of Containers	(5) Analyses Requested: Preservation Codes — 8260 + 1,4 Dioxane
SW-1	2/6/11	1023	X			X		3	
SW-2		1059	X			X		3	
SW-3		1155	X			X		3	
SW-4		1215	X			X		3	
SW-5		1305	X			X		3	
SW-6	↓	1340	X			X		3	

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

Remarks

PLEASE USE A PQL of 2 µg/L for Vinyl Chloride AND 1,1-Dichloroethene

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@kcomail.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

TX TRRP-13
MA MCP CT RCP

SDG Complete? Yes (No)

Site-specific QC (MS/MSD/Dup)? (Yes) No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	2/7/11	1100			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/8/11	920

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Johnson Co.

Date of Receipt: 2/8/11

Time of Receipt: 920

Source Code: SO-1

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9463	3.3°C	TB	WI	Y	B	
2	↓	2.8°C	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
	2/8/11	~~1050~~ 950	Unpacking to Storage
	2/8/11	1023	Place in Storage or (Entry)
			Entry
			Entry

Issued by Dept. 6042 Management
2174.05

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

February 18, 2011

Project: AD-GA/1-0145-4

Submittal Date: 02/08/2011
Group Number: 1232066
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
SBW-1 Grab Water	6200201
SBW-2 Grab Water	6200202
SBW-3 Grab Water	6200203
SBW-4 Grab Water	6200204
SBW-4 MS Grab Water	6200205
SBW-4 MSD Grab Water	6200206
SBW-5 Grab Water	6200207
SBW-7 Grab Water	6200208
SBW-8 Grab Water	6200209
SBW-9 Grab Water	6200210
SBW-10 Grab Water	6200211
DP-2 Grab Water	6200212

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200201
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:25 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200201
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:25 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 07:37	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 07:37	Angela D Sneeringer	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200202
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:45 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200202
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:45 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 07:59	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 07:59	Angela D Sneeringer	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200203
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:55 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	10	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200203
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 10:55 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 08:21	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 08:21	Angela D Sneeringer	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200204
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:10 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	34	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	110	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	51	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: SBW-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200204
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:10 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 08:43	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 08:43	Angela D Sneeringer	1

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Analysis Report

Sample Description: SBW-4 MS Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200205
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:10 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
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100 State Street
Montpelier VT 05602

SBW-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	130	20	1
10903	Benzene	71-43-2	20	5	1
10903	Bromodichloromethane	75-27-4	18	5	1
10903	Bromoform	75-25-2	16	5	1
10903	Bromomethane	74-83-9	14	5	1
10903	2-Butanone	78-93-3	130	10	1
10903	Carbon Disulfide	75-15-0	19	5	1
10903	Carbon Tetrachloride	56-23-5	21	5	1
10903	Chlorobenzene	108-90-7	19	5	1
10903	Chloroethane	75-00-3	12	5	1
10903	Chloroform	67-66-3	20	5	1
10903	Chloromethane	74-87-3	18	5	1
10903	Dibromochloromethane	124-48-1	18	5	1
10903	1,1-Dichloroethane	75-34-3	50	5	1
10903	1,2-Dichloroethane	107-06-2	20	5	1
10903	1,1-Dichloroethene	75-35-4	130	2	1
10903	cis-1,2-Dichloroethene	156-59-2	21	5	1
10903	trans-1,2-Dichloroethene	156-60-5	20	5	1
10903	1,2-Dichloropropane	78-87-5	18	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	16	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	17	5	1
10903	1,4-Dioxane	123-91-1	460	250	1
10903	Ethylbenzene	100-41-4	20	5	1
10903	2-Hexanone	591-78-6	81	10	1
10903	4-Methyl-2-pentanone	108-10-1	82	10	1
10903	Methylene Chloride	75-09-2	20	5	1
10903	Styrene	100-42-5	20	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	17	5	1
10903	Tetrachloroethene	127-18-4	23	5	1
10903	Toluene	108-88-3	20	5	1
10903	1,1,1-Trichloroethane	71-55-6	73	5	1
10903	1,1,2-Trichloroethane	79-00-5	20	5	1
10903	Trichloroethene	79-01-6	20	5	1
10903	Vinyl Chloride	75-01-4	20	2	1
10903	Xylene (Total)	1330-20-7	62	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 12:06	Linda C Pape	1

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Analysis Report

Sample Description: SBW-4 MS Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200205
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:10 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
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Montpelier VT 05602

SBW-4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 12:06	Linda C Pape	1

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Analysis Report

Sample Description: SBW-4 MSD Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200206
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:10 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
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SBW-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	120	20	1
10903	Benzene	71-43-2	19	5	1
10903	Bromodichloromethane	75-27-4	17	5	1
10903	Bromoform	75-25-2	16	5	1
10903	Bromomethane	74-83-9	12	5	1
10903	2-Butanone	78-93-3	120	10	1
10903	Carbon Disulfide	75-15-0	17	5	1
10903	Carbon Tetrachloride	56-23-5	19	5	1
10903	Chlorobenzene	108-90-7	18	5	1
10903	Chloroethane	75-00-3	13	5	1
10903	Chloroform	67-66-3	18	5	1
10903	Chloromethane	74-87-3	17	5	1
10903	Dibromochloromethane	124-48-1	17	5	1
10903	1,1-Dichloroethane	75-34-3	49	5	1
10903	1,2-Dichloroethane	107-06-2	18	5	1
10903	1,1-Dichloroethene	75-35-4	120	2	1
10903	cis-1,2-Dichloroethene	156-59-2	20	5	1
10903	trans-1,2-Dichloroethene	156-60-5	20	5	1
10903	1,2-Dichloropropane	78-87-5	17	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	15	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	16	5	1
10903	1,4-Dioxane	123-91-1	420	250	1
10903	Ethylbenzene	100-41-4	19	5	1
10903	2-Hexanone	591-78-6	82	10	1
10903	4-Methyl-2-pentanone	108-10-1	74	10	1
10903	Methylene Chloride	75-09-2	19	5	1
10903	Styrene	100-42-5	19	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	16	5	1
10903	Tetrachloroethene	127-18-4	24	5	1
10903	Toluene	108-88-3	19	5	1
10903	1,1,1-Trichloroethane	71-55-6	71	5	1
10903	1,1,2-Trichloroethane	79-00-5	18	5	1
10903	Trichloroethene	79-01-6	19	5	1
10903	Vinyl Chloride	75-01-4	18	2	1
10903	Xylene (Total)	1330-20-7	60	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 12:28	Linda C Pape	1

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Analysis Report

Sample Description: SBW-4 MSD Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200206
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:10 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

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SBW-4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 12:28	Linda C Pape	1

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Analysis Report

Sample Description: SBW-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200207
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:40 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

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SBW-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: SBW-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200207
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 11:40 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

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SBW-5

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 09:48	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 09:48	Angela D Sneeringer	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-7 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200208
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 12:20 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
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Montpelier VT 05602

SBW-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	16	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: SBW-7 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200208
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 12:20 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-7

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 10:10	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 10:10	Angela D Sneeringer	1

Lancaster Laboratories

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Analysis Report

Sample Description: SBW-8 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200209
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:15 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
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Montpelier VT 05602

SBW-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	6	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: SBW-8 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200209
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:15 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-8

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 10:32	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 10:32	Angela D Sneeringer	1

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Analysis Report

Sample Description: SBW-9 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200210
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:25 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	56	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	650	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	160	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: SBW-9 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200210
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:25 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW-9

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 10:54	Angela D Sneeringer	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 14:17	Linda C Pape	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 10:54	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110401AA	02/09/2011 14:17	Linda C Pape	10

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Analysis Report

Sample Description: SBW-10 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200211
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:35 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor

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Analysis Report

Sample Description: SBW-10 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200211
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:35 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SBW10

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 11:16	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 11:16	Angela D Sneeringer	1

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Analysis Report

Sample Description: DP-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200212
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:00 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DP-2-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	34	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	110	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	51	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12
Trip blank vials were received by the laboratory, but entered with a separate entry group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 11:44	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Sample Description: DP-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200212
LLI Group # 1232066
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 13:00 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/18/2011 19:00

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DP-2-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 11:44	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232066
Reported: 02/18/11 at 07:00 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L110401AA	Sample number(s): 6200201-6200212							
Acetone	< 20	20.	ug/l	114		49-234		
Benzene	< 5	5.	ug/l	102		79-120		
Bromodichloromethane	< 5	5.	ug/l	94		80-120		
Bromoform	< 5	5.	ug/l	94		61-120		
Bromomethane	< 5	5.	ug/l	59		44-120		
2-Butanone	< 10	10.	ug/l	100		66-151		
Carbon Disulfide	< 5	5.	ug/l	100		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	98		75-123		
Chlorobenzene	< 5	5.	ug/l	100		80-120		
Chloroethane	< 5	5.	ug/l	54		49-129		
Chloroform	< 5	5.	ug/l	98		77-122		
Chloromethane	< 5	5.	ug/l	78		60-129		
Dibromochloromethane	< 5	5.	ug/l	94		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	98		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	97		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	104		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	102		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	103		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	100		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	93		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	94		79-120		
1,4-Dioxane	< 250	250.	ug/l	101		51-129		
Ethylbenzene	< 5	5.	ug/l	99		79-120		
2-Hexanone	< 10	10.	ug/l	94		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	93		70-121		
Methylene Chloride	< 5	5.	ug/l	105		80-120		
Styrene	< 5	5.	ug/l	103		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	97		71-120		
Tetrachloroethene	< 5	5.	ug/l	105		80-121		
Toluene	< 5	5.	ug/l	102		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	97		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	102		80-120		
Trichloroethene	< 5	5.	ug/l	99		80-120		
Vinyl Chloride	< 2	2.	ug/l	81		65-125		
Xylene (Total)	< 5	5.	ug/l	105		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232066
Reported: 02/18/11 at 07:00 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: L110401AA	Sample number(s): 6200201-6200212 UNSPK: 6200204								
Acetone	84	78	52-139	7	30				
Benzene	98	93	80-126	5	30				
Bromodichloromethane	89	85	78-125	4	30				
Bromoform	81	78	60-121	5	30				
Bromomethane	68	62	38-149	10	30				
2-Butanone	84	77	57-138	8	30				
Carbon Disulfide	93	85	67-135	9	30				
Carbon Tetrachloride	103	97	81-138	6	30				
Chlorobenzene	97	92	87-124	6	30				
Chloroethane	62	65	51-145	5	30				
Chloroform	98	90	81-134	9	30				
Chloromethane	91	85	67-154	6	30				
Dibromochloromethane	89	84	74-116	6	30				
1,1-Dichloroethane	81*	78*	84-129	1	30				
1,2-Dichloroethane	98	89	66-141	10	30				
1,1-Dichloroethene	74 (2)	58 (2)	85-142	3	30				
cis-1,2-Dichloroethene	107	100	85-125	7	30				
trans-1,2-Dichloroethene	99	100	87-126	0	30				
1,2-Dichloropropane	92	86	83-124	7	30				
cis-1,3-Dichloropropene	82	77	75-125	6	30				
trans-1,3-Dichloropropene	87	82	74-119	6	30				
1,4-Dioxane	92	84	43-131	9	30				
Ethylbenzene	98	93	71-134	5	30				
2-Hexanone	81	82	55-127	0	30				
4-Methyl-2-pentanone	82	74	63-123	10	30				
Methylene Chloride	100	93	79-120	7	30				
Styrene	102	97	78-125	6	30				
1,1,2,2-Tetrachloroethane	87	82	73-119	5	30				
Tetrachloroethene	117	120	80-128	2	30				
Toluene	100	96	80-125	3	30				
1,1,1-Trichloroethane	110	100	80-143	3	30				
1,1,2-Trichloroethane	100	92	77-124	8	30				
Trichloroethene	100	93	88-133	7	30				
Vinyl Chloride	98	91	66-133	7	30				
Xylene (Total)	104	99	79-125	5	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 Std. Water Master
Batch number: L110401AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6200201	101	100	95	93
6200202	97	98	98	96
6200203	100	100	99	98
6200204	100	101	93	94
6200205	99	100	101	97
6200206	101	99	101	103
6200207	98	99	96	101
6200208	98	100	101	98
6200209	98	102	104	99

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232066
Reported: 02/18/11 at 07:00 PM

Surrogate Quality Control

6200210	104	101	97	95
6200211	98	101	100	97
6200212	103	97	105	97
Blank	98	98	99	99
LCS	100	103	100	97
MS	99	100	101	97
MSD	101	99	101	103
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1232066 Sample # 6200201-12

COC # 257021

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC:
SCR#:

(1)
Client: THE JOHNSON COMPANY Acct. #: 06556
Project Name/#: AD-GA / 1-0145-4 PWSID #:
Project Manager: GLEN KIRKPATRICK P.O.#:
Sampler: TEH / KES Quote #:
Name of state where samples were collected: GA

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | (4) Matrix: Soil | Water (☐ Potable ☐ NPDES Check if Applicable) | Other | Total # of Containers | (5) Analyses Requested: Preservation Codes H | 8260 + 1,4-Dioxane | MS/MSD

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	8260 + 1,4-Dioxane (H)	MS/MSD
SBW-1	2/6/11	1025	X			X		3	X	
SBW-2		1045	X			X		3	X	
SBW-3		1055	X			X		3	X	
SBW-4		1110	X			X		9	X	X
SBW-5		1140	X			X		3	X	
SBW-7		1220	X			X		3	X	
SBW-8		1315	X			X		3	X	
SBW-9		1325	X			X		3	X	
SBW-10		1335	X			X		3	X	
DP-2	2/6/11	1300	X			X		3	X	

Preservation Codes
H=HCl T=Thiosulfate
N=~~HNO3~~ B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

Remarks
Please use a PQL of 2ug/L for Vinyl Chloride

(7) **Turnaround Time Requested** (TAT) (please circle): ~~Normal~~ Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 802-229-4600 Fax #: 802-229-5876
E-mail address: GAK@jcomail.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No
SDG Complete? Yes (No)

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	2/7/11	1100			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/8/11	920

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Johnson Co.

Date of Receipt: 2/8/11

Time of Receipt: 920

Source Code: SO-1

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9493	3.3°C	TB	WI	Y	B	
2	↓	2.8°C	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	2/8/11	~~0644, 2/8/11~~ ~~1050~~ 950	Unpacking to Storage
[signature]	2/8/11	1023	Place in Storage or (Entry)
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

February 17, 2011

Project: AD-GA/1-0145-4

Submittal Date: 02/08/2011
Group Number: 1232067
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
TRIP BLANK Water	6200213
MW-65S Grab Water	6200214
MW-65D Grab Water	6200215
MW-66 Grab Water	6200216
MW-63 Grab Water	6200217
MW-64 Grab Water	6200218
MW-1 Grab Water	6200219
MW-47D Grab Water	6200220
BR-4S Grab Water	6200221
MW-3 Grab Water	6200222
BR-8D Grab Water	6200223
MW-62 Grab Water	6200224
MW-54D Grab Water	6200225
MW-42 Grab Water	6200226
BR-7 Grab Water	6200227

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

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Analysis Report

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: TRIP BLANK Water
AD-GA/1-0145-4

LLI Sample # WW 6200213
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

TBADG

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 19:27	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 19:27	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-65S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200214
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011 15:22 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA65S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	290	50	10
10903	1,2-Dichloroethane	107-06-2	28	5	1
10903	1,1-Dichloroethene	75-35-4	11,000	100	50
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	1,300	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	330	50	10
10903	1,1,2-Trichloroethane	79-00-5	11	5	1
10903	Trichloroethene	79-01-6	7	5	1
10903	Vinyl Chloride	75-01-4	9	2	1
10903	Xylene (Total)	1330-20-7	6	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 22:45	Frank A Valla, Jr	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 03:51	Frank A Valla, Jr	10
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 04:13	Frank A Valla, Jr	50

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Analysis Report

Sample Description: MW-65S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200214
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011 15:22 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA65S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 22:45	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110402AA	02/10/2011 03:51	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	3	L110402AA	02/10/2011 04:13	Frank A Valla, Jr	50

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Analysis Report

Sample Description: MW-65D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200215
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011 17:32 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA65D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	31	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	340	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	390	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 01:40	Frank A Valla, Jr	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 02:02	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/10/2011 01:40	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-65D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200215
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011 17:32 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA65D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110402AA	02/10/2011 02:02	Frank A Valla, Jr	10

Lancaster Laboratories

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Analysis Report

Sample Description: MW-66 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200216
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011 15:07 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA66-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 03:29	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/10/2011 03:29	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-63 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200217
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011 16:30 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA63-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	20	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	660	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	35	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 23:29	Frank A Valla, Jr	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 18:51	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 23:29	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-63 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200217
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011 16:30 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA63-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110421AA	02/11/2011 18:51	Frank A Valla, Jr	10

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Analysis Report

Sample Description: MW-64 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200218
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011 17:40 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA64-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 100	100	5
10903	Benzene	71-43-2	< 25	25	5
10903	Bromodichloromethane	75-27-4	< 25	25	5
10903	Bromoform	75-25-2	< 25	25	5
10903	Bromomethane	74-83-9	< 25	25	5
10903	2-Butanone	78-93-3	< 50	50	5
10903	Carbon Disulfide	75-15-0	< 25	25	5
10903	Carbon Tetrachloride	56-23-5	< 25	25	5
10903	Chlorobenzene	108-90-7	< 25	25	5
10903	Chloroethane	75-00-3	< 25	25	5
10903	Chloroform	67-66-3	< 25	25	5
10903	Chloromethane	74-87-3	< 25	25	5
10903	Dibromochloromethane	124-48-1	< 25	25	5
10903	1,1-Dichloroethane	75-34-3	120	25	5
10903	1,2-Dichloroethane	107-06-2	< 25	25	5
10903	1,1-Dichloroethene	75-35-4	1,900	100	50
10903	cis-1,2-Dichloroethene	156-59-2	< 25	25	5
10903	trans-1,2-Dichloroethene	156-60-5	< 25	25	5
10903	1,2-Dichloropropane	78-87-5	< 25	25	5
10903	cis-1,3-Dichloropropene	10061-01-5	< 25	25	5
10903	trans-1,3-Dichloropropene	10061-02-6	< 25	25	5
10903	1,4-Dioxane	123-91-1	< 1,300	1,300	5
10903	Ethylbenzene	100-41-4	< 25	25	5
10903	2-Hexanone	591-78-6	< 50	50	5
10903	4-Methyl-2-pentanone	108-10-1	< 50	50	5
10903	Methylene Chloride	75-09-2	< 25	25	5
10903	Styrene	100-42-5	< 25	25	5
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 25	25	5
10903	Tetrachloroethene	127-18-4	< 25	25	5
10903	Toluene	108-88-3	< 25	25	5
10903	1,1,1-Trichloroethane	71-55-6	5,300	250	50
10903	1,1,2-Trichloroethane	79-00-5	< 25	25	5
10903	Trichloroethene	79-01-6	< 25	25	5
10903	Vinyl Chloride	75-01-4	< 10	10	5
10903	Xylene (Total)	1330-20-7	< 25	25	5

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 02:45	Frank A Valla, Jr	5
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 03:07	Frank A Valla, Jr	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/10/2011 02:45	Frank A Valla, Jr	5

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Analysis Report

Sample Description: MW-64 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200218
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/04/2011 17:40 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

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Suite 600
100 State Street
Montpelier VT 05602

GA64-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110402AA	02/10/2011 03:07	Frank A Valla, Jr	50

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Analysis Report

Sample Description: MW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200219
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/05/2011 14:58 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA1--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 12:49	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 12:49	Linda C Pape	1

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Analysis Report

Sample Description: MW-47D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200220
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/05/2011 16:02 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA47D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 13:11	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 13:11	Linda C Pape	1

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Analysis Report

Sample Description: BR-4S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200221
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/05/2011 16:37 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA4S-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 13:33	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 13:33	Linda C Pape	1

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Analysis Report

Sample Description: MW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200222
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/05/2011 16:35 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA3--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	13	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	320	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	81	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110401AA	02/09/2011 13:55	Linda C Pape	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 02:24	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110401AA	02/09/2011 13:55	Linda C Pape	1

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Analysis Report

Sample Description: MW-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200222
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/05/2011 16:35 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA3--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110402AA	02/10/2011 02:24	Frank A Valla, Jr	10

Lancaster Laboratories

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Analysis Report

Sample Description: BR-8D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200223
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 14:52 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA8D-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 23:51	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 23:51	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-62 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200224
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 15:18 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA62-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 00:12	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/10/2011 00:12	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-54D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200225
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 15:42 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA54D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	90	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	660	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	260	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 00:34	Frank A Valla, Jr	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 04:57	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/10/2011 00:34	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-54D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200225
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 15:42 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA54D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110402AA	02/10/2011 04:57	Frank A Valla, Jr	10

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Analysis Report

Sample Description: MW-42 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200226
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 16:47 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GA42-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 04:35	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/10/2011 04:35	Frank A Valla, Jr	1

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Analysis Report

Sample Description: BR-7 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6200227
LLI Group # 1232067
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/06/2011 16:53 by TEH

Submitted: 02/08/2011 09:20
Reported: 02/17/2011 17:43

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

GABR7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/10/2011 01:18	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/10/2011 01:18	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232067
Reported: 02/17/11 at 05:43 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L110401AA	Sample number(s): 6200219-6200222							
Acetone	< 20	20.	ug/l	114		49-234		
Benzene	< 5	5.	ug/l	102		79-120		
Bromodichloromethane	< 5	5.	ug/l	94		80-120		
Bromoform	< 5	5.	ug/l	94		61-120		
Bromomethane	< 5	5.	ug/l	59		44-120		
2-Butanone	< 10	10.	ug/l	100		66-151		
Carbon Disulfide	< 5	5.	ug/l	100		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	98		75-123		
Chlorobenzene	< 5	5.	ug/l	100		80-120		
Chloroethane	< 5	5.	ug/l	54		49-129		
Chloroform	< 5	5.	ug/l	98		77-122		
Chloromethane	< 5	5.	ug/l	78		60-129		
Dibromochloromethane	< 5	5.	ug/l	94		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	98		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	97		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	104		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	102		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	103		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	100		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	93		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	94		79-120		
1,4-Dioxane	< 250	250.	ug/l	101		51-129		
Ethylbenzene	< 5	5.	ug/l	99		79-120		
2-Hexanone	< 10	10.	ug/l	94		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	93		70-121		
Methylene Chloride	< 5	5.	ug/l	105		80-120		
Styrene	< 5	5.	ug/l	103		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	97		71-120		
Tetrachloroethene	< 5	5.	ug/l	105		80-121		
Toluene	< 5	5.	ug/l	102		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	97		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	102		80-120		
Trichloroethene	< 5	5.	ug/l	99		80-120		
Vinyl Chloride	< 2	2.	ug/l	81		65-125		
Xylene (Total)	< 5	5.	ug/l	105		80-120		
Batch number: L110402AA	Sample number(s): 6200213-6200218,6200222-6200227							
Acetone	< 20	20.	ug/l	116		49-234		
Benzene	< 5	5.	ug/l	99		79-120		
Bromodichloromethane	< 5	5.	ug/l	95		80-120		
Bromoform	< 5	5.	ug/l	80		61-120		
Bromomethane	< 5	5.	ug/l	73		44-120		
2-Butanone	< 10	10.	ug/l	102		66-151		
Carbon Disulfide	< 5	5.	ug/l	103		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	98		75-123		
Chlorobenzene	< 5	5.	ug/l	101		80-120		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232067
Reported: 02/17/11 at 05:43 PM

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chloroethane	< 5	5.	ug/l	85		49-129		
Chloroform	< 5	5.	ug/l	97		77-122		
Chloromethane	< 5	5.	ug/l	86		60-129		
Dibromochloromethane	< 5	5.	ug/l	88		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	100		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	95		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	112		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	105		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	106		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	92		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	90		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	88		79-120		
1,4-Dioxane	< 250	250.	ug/l	94		51-129		
Ethylbenzene	< 5	5.	ug/l	95		79-120		
2-Hexanone	< 10	10.	ug/l	83		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	82		70-121		
Methylene Chloride	< 5	5.	ug/l	107		80-120		
Styrene	< 5	5.	ug/l	93		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	78		71-120		
Tetrachloroethene	< 5	5.	ug/l	95		80-121		
Toluene	< 5	5.	ug/l	96		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	99		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	91		80-120		
Trichloroethene	< 5	5.	ug/l	96		80-120		
Vinyl Chloride	< 2	2.	ug/l	90		65-125		
Xylene (Total)	< 5	5.	ug/l	104		80-120		
Batch number: L110421AA	Sample number(s): 6200217							
1,1-Dichloroethene	< 2	2.	ug/l	112		74-123		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L110401AA	Sample number(s): 6200219-6200222 UNSPK: P200204								
Acetone	84	78	52-139	7	30				
Benzene	98	93	80-126	5	30				
Bromodichloromethane	89	85	78-125	4	30				
Bromoform	81	78	60-121	5	30				
Bromomethane	68	62	38-149	10	30				
2-Butanone	84	77	57-138	8	30				
Carbon Disulfide	93	85	67-135	9	30				
Carbon Tetrachloride	103	97	81-138	6	30				
Chlorobenzene	97	92	87-124	6	30				
Chloroethane	62	65	51-145	5	30				
Chloroform	98	90	81-134	9	30				
Chloromethane	91	85	67-154	6	30				
Dibromochloromethane	89	84	74-116	6	30				
1,1-Dichloroethane	81*	78*	84-129	1	30				
1,2-Dichloroethane	98	89	66-141	10	30				
1,1-Dichloroethene	74 (2)	58 (2)	85-142	3	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232067
Reported: 02/17/11 at 05:43 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
cis-1,2-Dichloroethene	107	100	85-125	7	30				
trans-1,2-Dichloroethene	99	100	87-126	0	30				
1,2-Dichloropropane	92	86	83-124	7	30				
cis-1,3-Dichloropropene	82	77	75-125	6	30				
trans-1,3-Dichloropropene	87	82	74-119	6	30				
1,4-Dioxane	92	84	43-131	9	30				
Ethylbenzene	98	93	71-134	5	30				
2-Hexanone	81	82	55-127	0	30				
4-Methyl-2-pentanone	82	74	63-123	10	30				
Methylene Chloride	100	93	79-120	7	30				
Styrene	102	97	78-125	6	30				
1,1,2,2-Tetrachloroethane	87	82	73-119	5	30				
Tetrachloroethene	117	120	80-128	2	30				
Toluene	100	96	80-125	3	30				
1,1,1-Trichloroethane	110	100	80-143	3	30				
1,1,2-Trichloroethane	100	92	77-124	8	30				
Trichloroethene	100	93	88-133	7	30				
Vinyl Chloride	98	91	66-133	7	30				
Xylene (Total)	104	99	79-125	5	30				
Batch number: L110402AA	Sample number(s): 6200213-6200218,6200222-6200227 UNSPK: P200191								
Acetone	96	85	52-139	12	30				
Benzene	115	112	80-126	3	30				
Bromodichloromethane	104	99	78-125	5	30				
Bromoform	92	84	60-121	9	30				
Bromomethane	77	71	38-149	8	30				
2-Butanone	94	84	57-138	11	30				
Carbon Disulfide	104	101	67-135	4	30				
Carbon Tetrachloride	116	112	81-138	3	30				
Chlorobenzene	126*	106	87-124	17	30				
Chloroethane	79	70	51-145	12	30				
Chloroform	110	105	81-134	5	30				
Chloromethane	102	94	67-154	8	30				
Dibromochloromethane	105	93	74-116	12	30				
1,1-Dichloroethane	112	112	84-129	0	30				
1,2-Dichloroethane	107	103	66-141	4	30				
1,1-Dichloroethene	125	120	85-142	4	30				
cis-1,2-Dichloroethene	118	111	85-125	6	30				
trans-1,2-Dichloroethene	119	113	87-126	5	30				
1,2-Dichloropropane	105	99	83-124	6	30				
cis-1,3-Dichloropropene	97	94	75-125	3	30				
trans-1,3-Dichloropropene	104	91	74-119	13	30				
1,4-Dioxane	101	98	43-131	3	30				
Ethylbenzene	124	111	71-134	11	30				
2-Hexanone	96	84	55-127	13	30				
4-Methyl-2-pentanone	93	86	63-123	7	30				
Methylene Chloride	115	107	79-120	7	30				
Styrene	119	105	78-125	13	30				
1,1,2,2-Tetrachloroethane	97	93	73-119	4	30				
Tetrachloroethene	123	115	80-128	6	30				
Toluene	114	105	80-125	9	30				
1,1,1-Trichloroethane	118	116	80-143	1	30				
1,1,2-Trichloroethane	113	98	77-124	14	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232067
Reported: 02/17/11 at 05:43 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Trichloroethene	112	110	88-133	2	30				
Vinyl Chloride	107	101	66-133	6	30				
Xylene (Total)	121	112	79-125	7	30				
Batch number: L110421AA	Sample number(s): 6200217 UNSPK: P201934								
1,1-Dichloroethene	117	116	85-142	1	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 Std. Water Master
Batch number: L110401AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6200219	97	99	97	94
6200220	99	100	84	83
6200221	97	101	102	98
6200222	99	98	100	98
Blank	98	98	99	99
LCS	100	103	100	97
MS	99	100	101	97
MSD	101	99	101	103
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Std. Water Master
Batch number: L110402AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6200213	99	99	104	98
6200214	99	96	104	103
6200215	100	98	102	99
6200216	96	99	102	95
6200217	98	98	103	99
6200218	103	104	96	93
6200223	98	99	100	100
6200224	98	99	102	100
6200225	97	98	99	93
6200226	99	100	94	93
6200227	96	101	98	96
Blank	100	103	103	99
LCS	99	96	92	96
MS	96	98	103	98
MSD	101	99	96	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Master Scan (water)

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232067
Reported: 02/17/11 at 05:43 PM

Surrogate Quality Control

Batch number: L110421AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	98	98	82	82
LCS	101	100	93	91
MS	99	103	93	91
MSD	103	98	83	82
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1232067 Sample # 6200213-27

COC # 257017

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: THE JOHNSON COMPANY Acct. #: 06556

Project Name/#: AD-GA / 1-0145-4 PWSID #:

Project Manager: GLEN KIRKPATRICK P.O.#:

Sampler: TEH KES Quote #:

Name of state where samples were collected: GA

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

Please use a PQL of 2 µg/L for Vinyl Chloride

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4) Soil	Water	Other	Total # of Containers	(5) Analyses Requested: Preservation Codes 8260 + 1,4-Dioxane H	Remarks
TRIP BLANK	2/4/2011	—	X			X		2	X	
MW-65S		1522	X			X		3	X	
MW-65D		1732	X			X		3	X	
MW-66		1507	X			X		3	X	
MW-63		1630	X			X		3	X	
MW-64	↓	1740	X			X		3	X	
MW-1	2/5/2011	1458	X			X		3	X	
MW-47D		1602	X			X		3	X	
BR-4S		1637	X			X		3	X	
MW-3	↓	1635	X			X		3	X	

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 802-229-4600 Fax #: 802-229-5876
E-mail address: GAK@JCOmail.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
SDG Complete? Yes (No)
Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9) Relinquished by:	Date	Time	Received by:	Date	Time
	2/7/11	1100			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/8/11	920

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1232067 Sample # 6200213-27

COC # 257018

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only
FSC: _____
SCR#: _____

(1)
Client: THE JOHNSON COMPANY Acct. #: 06556
Project Name/#: AD-GA / 1-0145-4 PWSID #: _____
Project Manager: GLEN KIRKPATRICK P.O.#: _____
Sampler: TEH / KES Quote #: _____
Name of state where samples were collected: GA

(2) (3) (4) (5)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Other	Total # of Containers	8260 + 1,4-Dioxane	Preservation Codes: H	Remarks
BR-8D	2/6/11	1452	X			X		3	X		
MW-62		1518	X			X		3	X		
MW-54D		1542	X			X		3	X		
MW-42		1647	X			X		3	X		
BR-7		1653	X			X		3	X		

Check if Potable ☐ NPDES ☐

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Please use a PQL of 2 mg/L for Vinyl Chloride

(6) Temperature of samples upon receipt (if requested)

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed: _____
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 802-229-4600 Fax #: 802-229-5876
E-mail address: GAK@JCOmail.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
SDG Complete? Yes (No)
Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	2/7/11	1100			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/8/11 Date	926 Time

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Johnson Co.

Date of Receipt: 2/8/11

Time of Receipt: 920

Source Code: SO-1

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9493	3.3°C	TB	WI	Y	B	
2	↓	2.8°C	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	2/8/11	~~1050~~ 950	Unpacking to Storage
[signature]	2/8/11	1023	Place in Storage or (Entry)
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

February 18, 2011

Project: AD-GA/1-0145-4

Submittal Date: 02/09/2011
Group Number: 1232322
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
TRIP BLANK Water	6201285
BR-21 Grab Water	6201286
BR-22S Grab Water	6201287
BR-22D Grab Water	6201288
BR-22D MS Grab Water	6201289
BR-22D MSD Grab Water	6201290
BR-8S Grab Water	6201291
MW-20D Grab Water	6201292
MW-60D Grab Water	6201293
MW-37 Grab Water	6201294
MW-57D Grab Water	6201295
MW-36D Grab Water	6201296
MW-58S Grab Water	6201297
MW-47S Grab Water	6201298
DP-3 Grab Water	6201300
BR-4D Grab Water	6201301
MW-2 Grab Water	6201302
MW-48S Grab Water	6201303
MW-5 Grab Water	6201304
MW-48D Grab Water	6201305
EB-1 Grab Water	6201306
MW-23 Grab Water	6201307

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

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Analysis Report

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: TRIP BLANK Water
AD-GA/1-0145-4

LLI Sample # WW 6201285
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

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Suite 600
100 State Street
Montpelier VT 05602

TBK--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 19:49	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 19:49	Frank A Valla, Jr	1

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Analysis Report

Sample Description: BR-21 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201286
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 10:22 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

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Montpelier VT 05602

B21--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	61	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	330	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	16	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 19:13	Frank A Valla, Jr	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 19:35	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110421AA	02/11/2011 19:13	Frank A Valla, Jr	1

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Analysis Report

Sample Description: BR-21 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201286
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 10:22 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
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Montpelier VT 05602

B21--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110421AA	02/11/2011 19:35	Frank A Valla, Jr	10

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Analysis Report

Sample Description: BR-22S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201287
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 10:38 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

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Montpelier VT 05602

B22S-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 17:22	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 17:22	Linda C Pape	1

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Analysis Report

Sample Description: BR-22D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201288
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 11:38 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

B22D-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 11:24	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 11:24	Linda C Pape	1

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Analysis Report

Sample Description: BR-22D MS Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201289
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 11:38 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

B22D-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	120	20	1
10903	Benzene	71-43-2	20	5	1
10903	Bromodichloromethane	75-27-4	19	5	1
10903	Bromoform	75-25-2	15	5	1
10903	Bromomethane	74-83-9	15	5	1
10903	2-Butanone	78-93-3	120	10	1
10903	Carbon Disulfide	75-15-0	19	5	1
10903	Carbon Tetrachloride	56-23-5	22	5	1
10903	Chlorobenzene	108-90-7	20	5	1
10903	Chloroethane	75-00-3	19	5	1
10903	Chloroform	67-66-3	20	5	1
10903	Chloromethane	74-87-3	17	5	1
10903	Dibromochloromethane	124-48-1	17	5	1
10903	1,1-Dichloroethane	75-34-3	19	5	1
10903	1,2-Dichloroethane	107-06-2	20	5	1
10903	1,1-Dichloroethene	75-35-4	23	2	1
10903	cis-1,2-Dichloroethene	156-59-2	21	5	1
10903	trans-1,2-Dichloroethene	156-60-5	22	5	1
10903	1,2-Dichloropropane	78-87-5	19	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	17	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	16	5	1
10903	1,4-Dioxane	123-91-1	460	250	1
10903	Ethylbenzene	100-41-4	19	5	1
10903	2-Hexanone	591-78-6	79	10	1
10903	4-Methyl-2-pentanone	108-10-1	81	10	1
10903	Methylene Chloride	75-09-2	20	5	1
10903	Styrene	100-42-5	19	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	20	5	1
10903	Tetrachloroethene	127-18-4	20	5	1
10903	Toluene	108-88-3	18	5	1
10903	1,1,1-Trichloroethane	71-55-6	21	5	1
10903	1,1,2-Trichloroethane	79-00-5	17	5	1
10903	Trichloroethene	79-01-6	20	5	1
10903	Vinyl Chloride	75-01-4	19	2	1
10903	Xylene (Total)	1330-20-7	59	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 11:46	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 11:46	Linda C Pape	1

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Analysis Report

Sample Description: BR-22D MSD Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201290
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 11:38 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

B22D-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	130	20	1
10903	Benzene	71-43-2	20	5	1
10903	Bromodichloromethane	75-27-4	18	5	1
10903	Bromoform	75-25-2	15	5	1
10903	Bromomethane	74-83-9	18	5	1
10903	2-Butanone	78-93-3	130	10	1
10903	Carbon Disulfide	75-15-0	19	5	1
10903	Carbon Tetrachloride	56-23-5	22	5	1
10903	Chlorobenzene	108-90-7	22	5	1
10903	Chloroethane	75-00-3	19	5	1
10903	Chloroform	67-66-3	20	5	1
10903	Chloromethane	74-87-3	19	5	1
10903	Dibromochloromethane	124-48-1	15	5	1
10903	1,1-Dichloroethane	75-34-3	20	5	1
10903	1,2-Dichloroethane	107-06-2	20	5	1
10903	1,1-Dichloroethene	75-35-4	23	2	1
10903	cis-1,2-Dichloroethene	156-59-2	20	5	1
10903	trans-1,2-Dichloroethene	156-60-5	21	5	1
10903	1,2-Dichloropropane	78-87-5	19	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	16	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	15	5	1
10903	1,4-Dioxane	123-91-1	450	250	1
10903	Ethylbenzene	100-41-4	19	5	1
10903	2-Hexanone	591-78-6	69	10	1
10903	4-Methyl-2-pentanone	108-10-1	80	10	1
10903	Methylene Chloride	75-09-2	21	5	1
10903	Styrene	100-42-5	19	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	18	5	1
10903	Tetrachloroethene	127-18-4	19	5	1
10903	Toluene	108-88-3	19	5	1
10903	1,1,1-Trichloroethane	71-55-6	21	5	1
10903	1,1,2-Trichloroethane	79-00-5	17	5	1
10903	Trichloroethene	79-01-6	20	5	1
10903	Vinyl Chloride	75-01-4	20	2	1
10903	Xylene (Total)	1330-20-7	60	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 12:08	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 12:08	Linda C Pape	1

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Analysis Report

Sample Description: BR-8S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201291
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 13:25 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

-8S--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 12:55	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 12:55	Linda C Pape	1

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Analysis Report

Sample Description: MW-20D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201292
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 14:00 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

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Suite 600
100 State Street
Montpelier VT 05602

-20D-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 13:21	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 13:21	Linda C Pape	1

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Analysis Report

Sample Description: MW-60D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201293
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 14:37 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

-60D-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	140	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	1,300	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	730	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 17:45	Linda C Pape	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 19:57	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 17:45	Linda C Pape	1

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Analysis Report

Sample Description: MW-60D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201293
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 14:37 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

-60D-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110421AA	02/11/2011 19:57	Frank A Valla, Jr	10

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Analysis Report

Sample Description: MW-37 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201294
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 15:27 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	73	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	430	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	180	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 18:07	Linda C Pape	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 20:19	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 18:07	Linda C Pape	1

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Analysis Report

Sample Description: MW-37 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201294
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 15:27 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
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100 State Street
Montpelier VT 05602

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Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110421AA	02/11/2011 20:19	Frank A Valla, Jr	10

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Analysis Report

Sample Description: MW-57D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201295
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 15:35 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

57D--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	230	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	1,100	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	430	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 18:29	Linda C Pape	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 20:41	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 18:29	Linda C Pape	1

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Analysis Report

Sample Description: MW-57D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201295
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 15:35 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

57D--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110421AA	02/11/2011 20:41	Frank A Valla, Jr	10

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Analysis Report

Sample Description: MW-36D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201296
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 16:52 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

36D--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	67	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	580	50	10
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	460	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	100	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	4	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 18:51	Linda C Pape	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 21:03	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 18:51	Linda C Pape	1

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Analysis Report

Sample Description: MW-36D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201296
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 16:52 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

36D--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110421AA	02/11/2011 21:03	Frank A Valla, Jr	10

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Analysis Report

Sample Description: MW-58S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201297
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 16:48 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

58S--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	16	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	54	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	76	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	6	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 19:13	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 19:13	Linda C Pape	1

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Analysis Report

Sample Description: MW-47S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201298
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 08:37 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

47S--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	62	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	4	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 14:05	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 14:05	Linda C Pape	1

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Analysis Report

Sample Description: DP-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201300
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 12:00 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DP-3-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	15	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	8	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 19:35	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 19:35	Linda C Pape	1

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Analysis Report

Sample Description: BR-4D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201301
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 10:07 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR-4D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 14:27	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 14:27	Linda C Pape	1

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Analysis Report

Sample Description: MW-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201302
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 10:15 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

MW-2-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 14:49	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 14:49	Linda C Pape	1

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Analysis Report

Sample Description: MW-48S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201303
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 11:02 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

M48S-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	89	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	750	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	100	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	6	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 15:11	Linda C Pape	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 21:25	Frank A Valla, Jr	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 15:11	Linda C Pape	1

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Analysis Report

Sample Description: MW-48S Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201303
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 11:02 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

M48S-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110421AA	02/11/2011 21:25	Frank A Valla, Jr	10

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201304
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 11:40 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

M--5-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	10	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	100	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 15:55	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 15:55	Linda C Pape	1

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Analysis Report

Sample Description: MW-48D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201305
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 13:12 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

48D--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	120	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	1,400	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	480	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	420	50	10
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	3	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 16:16	Linda C Pape	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 16:38	Linda C Pape	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 16:16	Linda C Pape	1

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Analysis Report

Sample Description: MW-48D Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201305
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 13:12 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

48D--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110411AA	02/10/2011 16:38	Linda C Pape	10

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Analysis Report

Sample Description: EB-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201306
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 12:50 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

EB-1-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110402AA	02/09/2011 20:11	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110402AA	02/09/2011 20:11	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-23 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201307
LLI Group # 1232322
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 13:13 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:15

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

23---

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110411AA	02/10/2011 17:00	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110411AA	02/10/2011 17:00	Linda C Pape	1

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232322
Reported: 02/18/11 at 07:15 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L110402AA	Sample number(s): 6201285,6201306							
Acetone	< 20	20.	ug/l	116		49-234		
Benzene	< 5	5.	ug/l	99		79-120		
Bromodichloromethane	< 5	5.	ug/l	95		80-120		
Bromoform	< 5	5.	ug/l	80		61-120		
Bromomethane	< 5	5.	ug/l	73		44-120		
2-Butanone	< 10	10.	ug/l	102		66-151		
Carbon Disulfide	< 5	5.	ug/l	103		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	98		75-123		
Chlorobenzene	< 5	5.	ug/l	101		80-120		
Chloroethane	< 5	5.	ug/l	85		49-129		
Chloroform	< 5	5.	ug/l	97		77-122		
Chloromethane	< 5	5.	ug/l	86		60-129		
Dibromochloromethane	< 5	5.	ug/l	88		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	100		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	95		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	112		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	105		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	106		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	92		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	90		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	88		79-120		
1,4-Dioxane	< 250	250.	ug/l	94		51-129		
Ethylbenzene	< 5	5.	ug/l	95		79-120		
2-Hexanone	< 10	10.	ug/l	83		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	82		70-121		
Methylene Chloride	< 5	5.	ug/l	107		80-120		
Styrene	< 5	5.	ug/l	93		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	78		71-120		
Tetrachloroethene	< 5	5.	ug/l	95		80-121		
Toluene	< 5	5.	ug/l	96		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	99		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	91		80-120		
Trichloroethene	< 5	5.	ug/l	96		80-120		
Vinyl Chloride	< 2	2.	ug/l	90		65-125		
Xylene (Total)	< 5	5.	ug/l	104		80-120		
Batch number: L110411AA	Sample number(s): 6201287-6201298,6201300-6201305,6201307							
Acetone	< 20	20.	ug/l	125		49-234		
Benzene	< 5	5.	ug/l	102		79-120		
Bromodichloromethane	< 5	5.	ug/l	95		80-120		
Bromoform	< 5	5.	ug/l	84		61-120		
Bromomethane	< 5	5.	ug/l	70		44-120		
2-Butanone	< 10	10.	ug/l	98		66-151		
Carbon Disulfide	< 5	5.	ug/l	102		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	104		75-123		
Chlorobenzene	< 5	5.	ug/l	100		80-120		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232322
Reported: 02/18/11 at 07:15 PM

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chloroethane	< 5	5.	ug/l	65		49-129		
Chloroform	< 5	5.	ug/l	100		77-122		
Chloromethane	< 5	5.	ug/l	91		60-129		
Dibromochloromethane	< 5	5.	ug/l	91		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	102		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	103		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	110		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	104		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	105		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	97		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	93		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	88		79-120		
1,4-Dioxane	< 250	250.	ug/l	101		51-129		
Ethylbenzene	< 5	5.	ug/l	102		79-120		
2-Hexanone	< 10	10.	ug/l	86		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	90		70-121		
Methylene Chloride	< 5	5.	ug/l	103		80-120		
Styrene	< 5	5.	ug/l	106		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	101		71-120		
Tetrachloroethene	< 5	5.	ug/l	103		80-121		
Toluene	< 5	5.	ug/l	96		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	104		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	92		80-120		
Trichloroethene	< 5	5.	ug/l	102		80-120		
Vinyl Chloride	< 2	2.	ug/l	94		65-125		
Xylene (Total)	< 5	5.	ug/l	102		80-120		
Batch number: L110421AA	Sample number(s): 6201286,6201293-6201296,6201303							
Acetone	< 20	20.	ug/l	113		49-234		
Benzene	< 5	5.	ug/l	97		79-120		
Bromodichloromethane	< 5	5.	ug/l	95		80-120		
Bromoform	< 5	5.	ug/l	88		61-120		
Bromomethane	< 5	5.	ug/l	57		44-120		
2-Butanone	< 10	10.	ug/l	96		66-151		
Carbon Disulfide	< 5	5.	ug/l	108		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	98		75-123		
Chlorobenzene	< 5	5.	ug/l	99		80-120		
Chloroethane	< 5	5.	ug/l	68		49-129		
Chloroform	< 5	5.	ug/l	96		77-122		
Chloromethane	< 5	5.	ug/l	82		60-129		
Dibromochloromethane	< 5	5.	ug/l	81		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	98		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	96		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	112		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	96		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	103		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	95		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	91		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	89		79-120		
1,4-Dioxane	< 250	250.	ug/l	86		51-129		
Ethylbenzene	< 5	5.	ug/l	97		79-120		
2-Hexanone	< 10	10.	ug/l	89		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	92		70-121		
Methylene Chloride	< 5	5.	ug/l	110		80-120		
Styrene	< 5	5.	ug/l	92		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	97		71-120		
Tetrachloroethene	< 5	5.	ug/l	91		80-121		
Toluene	< 5	5.	ug/l	90		79-120		

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232322
Reported: 02/18/11 at 07:15 PM

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,1,1-Trichloroethane	< 5	5.	ug/l	98		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	84		80-120		
Trichloroethene	< 5	5.	ug/l	97		80-120		
Vinyl Chloride	< 2	2.	ug/l	90		65-125		
Xylene (Total)	< 5	5.	ug/l	94		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L110402AA	Sample number(s): 6201285,6201306 UNSPK: P200191								
Acetone	96	85	52-139	12	30				
Benzene	115	112	80-126	3	30				
Bromodichloromethane	104	99	78-125	5	30				
Bromoform	92	84	60-121	9	30				
Bromomethane	77	71	38-149	8	30				
2-Butanone	94	84	57-138	11	30				
Carbon Disulfide	104	101	67-135	4	30				
Carbon Tetrachloride	116	112	81-138	3	30				
Chlorobenzene	126*	106	87-124	17	30				
Chloroethane	79	70	51-145	12	30				
Chloroform	110	105	81-134	5	30				
Chloromethane	102	94	67-154	8	30				
Dibromochloromethane	105	93	74-116	12	30				
1,1-Dichloroethane	112	112	84-129	0	30				
1,2-Dichloroethane	107	103	66-141	4	30				
1,1-Dichloroethene	125	120	85-142	4	30				
cis-1,2-Dichloroethene	118	111	85-125	6	30				
trans-1,2-Dichloroethene	119	113	87-126	5	30				
1,2-Dichloropropane	105	99	83-124	6	30				
cis-1,3-Dichloropropene	97	94	75-125	3	30				
trans-1,3-Dichloropropene	104	91	74-119	13	30				
1,4-Dioxane	101	98	43-131	3	30				
Ethylbenzene	124	111	71-134	11	30				
2-Hexanone	96	84	55-127	13	30				
4-Methyl-2-pentanone	93	86	63-123	7	30				
Methylene Chloride	115	107	79-120	7	30				
Styrene	119	105	78-125	13	30				
1,1,2,2-Tetrachloroethane	97	93	73-119	4	30				
Tetrachloroethene	123	115	80-128	6	30				
Toluene	114	105	80-125	9	30				
1,1,1-Trichloroethane	118	116	80-143	1	30				
1,1,2-Trichloroethane	113	98	77-124	14	30				
Trichloroethene	112	110	88-133	2	30				
Vinyl Chloride	107	101	66-133	6	30				
Xylene (Total)	121	112	79-125	7	30				
Batch number: L110411AA	Sample number(s): 6201287-6201298,6201300-6201305,6201307 UNSPK: 6201288								
Acetone	80	89	52-139	11	30				
Benzene	101	100	80-126	1	30				
Bromodichloromethane	95	92	78-125	3	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232322
Reported: 02/18/11 at 07:15 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Bromoform	74	73	60-121	2	30				
Bromomethane	74	92	38-149	21	30				
2-Butanone	79	80	57-138	2	30				
Carbon Disulfide	94	94	67-135	0	30				
Carbon Tetrachloride	112	108	81-138	3	30				
Chlorobenzene	102	112	87-124	9	30				
Chloroethane	95	95	51-145	0	30				
Chloroform	98	100	81-134	2	30				
Chloromethane	86	94	67-154	9	30				
Dibromochloromethane	85	77	74-116	9	30				
1,1-Dichloroethane	97	98	84-129	1	30				
1,2-Dichloroethane	100	99	66-141	1	30				
1,1-Dichloroethene	113	117	85-142	4	30				
cis-1,2-Dichloroethene	104	101	85-125	3	30				
trans-1,2-Dichloroethene	108	103	87-126	5	30				
1,2-Dichloropropane	95	94	83-124	1	30				
cis-1,3-Dichloropropene	86	82	75-125	4	30				
trans-1,3-Dichloropropene	78	76	74-119	3	30				
1,4-Dioxane	91	90	43-131	2	30				
Ethylbenzene	94	93	71-134	1	30				
2-Hexanone	79	69	55-127	13	30				
4-Methyl-2-pentanone	81	80	63-123	1	30				
Methylene Chloride	101	103	79-120	2	30				
Styrene	97	94	78-125	3	30				
1,1,2,2-Tetrachloroethane	100	92	73-119	8	30				
Tetrachloroethene	102	97	80-128	4	30				
Toluene	91	94	80-125	3	30				
1,1,1-Trichloroethane	106	104	80-143	2	30				
1,1,2-Trichloroethane	87	85	77-124	3	30				
Trichloroethene	102	102	88-133	0	30				
Vinyl Chloride	94	98	66-133	5	30				
Xylene (Total)	98	100	79-125	2	30				
Batch number: L110421AA	Sample number(s): 6201286,6201293-6201296,6201303 UNSPK: P201934								
Acetone	93	95	52-139	2	30				
Benzene	106	105	80-126	1	30				
Bromodichloromethane	90	90	78-125	1	30				
Bromoform	71	67	60-121	6	30				
Bromomethane	75	65	38-149	14	30				
2-Butanone	95	97	57-138	2	30				
Carbon Disulfide	99	101	67-135	2	30				
Carbon Tetrachloride	103	107	81-138	4	30				
Chlorobenzene	107	92	87-124	15	30				
Chloroethane	74	85	51-145	8	30				
Chloroform	105	110	81-134	4	30				
Chloromethane	82	86	67-154	4	30				
Dibromochloromethane	72*	66*	74-116	9	30				
1,1-Dichloroethane	98	110	84-129	8	30				
1,2-Dichloroethane	98	98	66-141	0	30				
1,1-Dichloroethene	117	116	85-142	1	30				
cis-1,2-Dichloroethene	105	108	85-125	3	30				
trans-1,2-Dichloroethene	105	118	87-126	12	30				
1,2-Dichloropropane	100	101	83-124	1	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232322
Reported: 02/18/11 at 07:15 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
cis-1,3-Dichloropropene	86	92	75-125	8	30				
trans-1,3-Dichloropropene	82	75	74-119	10	30				
1,4-Dioxane	91	93	43-131	2	30				
Ethylbenzene	109	90	71-134	19	30				
2-Hexanone	87	80	55-127	8	30				
4-Methyl-2-pentanone	92	97	63-123	5	30				
Methylene Chloride	106	109	79-120	2	30				
Styrene	92	84	78-125	8	30				
1,1,2,2-Tetrachloroethane	99	102	73-119	3	30				
Tetrachloroethene	97	87	80-128	10	30				
Toluene	93	85	80-125	9	30				
1,1,1-Trichloroethane	109	112	80-143	3	30				
1,1,2-Trichloroethane	90	80	77-124	11	30				
Trichloroethene	101	103	88-133	2	30				
Vinyl Chloride	92	102	66-133	10	30				
Xylene (Total)	103	87	79-125	17	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 Std. Water Master
Batch number: L110402AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6201285	98	99	101	98
6201306	98	99	97	91
Blank	100	103	103	99
LCS	99	96	92	96
MS	96	98	103	98
MSD	101	99	96	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Std. Water Master
Batch number: L110411AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6201287	98	94	101	101
6201288	103	102	91	87
6201289	96	97	89	115*
6201290	101	100	86	84
6201291	101	96	86	86
6201292	100	95	99	91
6201293	104	102	98	100
6201294	96	95	100	100
6201295	107	101	100	94
6201296	105	99	99	94
6201297	94	97	104	96

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232322
Reported: 02/18/11 at 07:15 PM

Surrogate Quality Control

6201298	98	99	95	92
6201300	99	96	101	93
6201301	102	102	101	95
6201302	100	104	103	97
6201303	101	101	100	93
6201304	98	94	101	96
6201305	102	104	102	96
6201307	96	97	96	91
Blank	98	98	105	100
LCS	99	100	92	90
MS	96	97	89	115*
MSD	101	100	86	84
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Std. Water Master
Batch number: L110421AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6201286	98	102	98	99
Blank	98	98	82	82
LCS	101	100	93	91
MS	99	103	93	91
MSD	103	98	83	82
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1232322 Sample # 6201295-307

COC # 257022

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: THE JOHNSON COMPANY Acct. #: 06556
Project Name/#: AP-GA / 1-0145-4 PWSID #:
Project Manager: GLEN KIRKPATRICK P.O.#:
Sampler: TEH / KES Quote #:
Name of state where samples were collected: GA

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

Please use a PQL of 2µg/L for Vinyl Chloride

Remarks

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix: Soil	Potable / NPDES (Check if Applicable)	Water	Other	(4) Total # of Containers	(5) Analyses Requested — Preservation Codes: H	8260 + 1,4-Dioxane	MS/MSD
TRIP BLANK	2/7/11	-	X				X		2	X		
BR-21		1022	X				X		3	X		
BR-22S		1038	X				X		3	X		
BR-22D		1138	X				X		9	X		X
BR-20		1212	X				X		9	X		X
BR-8S		1325	X				X		3	X		
MW-20D		1400	X				X		3	X		
MW-60D		1437	X				X		3	X		
MW-37		1527	X				X		3	X		
MW-57D		1535	X				X		3	X		

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 802-229-4600 Fax #: 802-229-5876
E-mail address: GAK@JCOMAIL.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

SDG Complete? Yes (No)

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	2/8/11	1520			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/9/11	910

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1232322 Sample # 6201285-307

COC # 257025

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: THE JOHNSON COMPANY Acct. #: 06556

Project Name/#: AD-GA / 1-0145-4 PWSID #:

Project Manager: GLEN KIRKPATRICK P.O.#:

Sampler: TEH KES Quote #:

Name of state where samples were collected: GA

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4) Soil	Water (Potable / NPDES)	Other	Total # of Containers	(5) Analyses Requested: Preservation Codes — 8260 + 1,4-Dioxane: H
MW-36D	2/7/2011	1652	X			X		3	X
MW-58S	↓	1648	X			X		3	X
~~MW-47D~~ MW-47S (walk 2/10/11)	2/8/11	0837	X			X		3	X
MW-12		0850	X			X		3	X
DP-3		1200	X			X		3	X
BR-4D		1007	X			X		3	X
MW-2		1015	X			X		3	X
MW-48S		1102	X			X		3	X
MW-5		1140	X			X		3	X
MW-48D	↓	1312	X			X		3	X

Remarks

Please use a PQL of 2 µg/L for vinyl chloride

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-224-5876

E-mail address: GAK@jcomail.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg)

Type II (Tier II)

Type III (Reduced NJ)

Type IV (CLP SOW)

Type VI (Raw Data Only)

TX TRRP-13

MA MCP CT RCP

SDG Complete? Yes (No)

Site-specific QC (MS/MSD/Dup)? (Yes) No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	2/8/11	1520			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/9/11	910

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 232322 Sample # 6201285-307

COC # 257026

Please print. Instructions on reverse side correspond with circled numbers.

(1)
Client: THE JOHNSON COMPANY Acct. #: 06556
Project Name/#: AD-GA / 1-0145-4 PWSID #:
Project Manager: GLEN KIRKPATRICK P.O.#:
Sampler: TEH / KES Quote #:
Name of state where samples were collected: GA

(5) Analyses Requested — Preservation Codes

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix: Soil	Water	Other	(4) Total # of Containers	8260 + 1,4-Dioxane H	Remarks
EB-1	2/8/11	1250	X			X		3	X	Please use a PQL of 2µg/L for Vinyl Chloride
MW-23	↓	1313	X			X		3	X	

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: Fax #:
E-mail address:

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg) TX TRRP-13
Type II (Tier II) MA MCP CT RCP
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? (Yes) No

Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	2/8/11	1520			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/9/11	910

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Company

Date of Receipt: 2/9/11

Time of Receipt: 910

Source Code: 50-1

Unpacker Emp. No.: 2368

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	042951	0.6	TB	WI	Y	B	
2	↓	0.7	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

- MW-47S per client walk 2/10/11

Paperwork Discrepancy/Unpacking Problems:

COC # 257622: All sample dates = 2/7/11, MW-47D = MW-47S

Received MS/MSD containers for Sample MW-12 (9 total vials)

Received 2 extra samples (3 vials each) DP-4 2/8/11 1300 and BR-24 2/8/11 1147

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	2/9/11	1240	Unpacking to Storage
[signature]	2/9/11	1515	Place in Storage or (Entry)
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

February 21, 2011

Project: AD-GA/1-0145-4

Submittal Date: 02/09/2011
Group Number: 1232402
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
MW-12 Grab Water	6201934
MW-12 MS Grab Water	6201935
MW-12 MSD Grab Water	6201936
DP-4 Grab Water	6201937
BR-24 Grab Water	6201938

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: MW-12 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201934
LLI Group # 1232402
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 08:50 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/21/2011 18:54

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

-12--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	12	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	9	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 21:47	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110421AA	02/11/2011 21:47	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-12 MS Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201935
LLI Group # 1232402
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 08:50 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/21/2011 18:54

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

-12--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	140	20	1
10903	Benzene	71-43-2	21	5	1
10903	Bromodichloromethane	75-27-4	18	5	1
10903	Bromoform	75-25-2	14	5	1
10903	Bromomethane	74-83-9	15	5	1
10903	2-Butanone	78-93-3	140	10	1
10903	Carbon Disulfide	75-15-0	20	5	1
10903	Carbon Tetrachloride	56-23-5	21	5	1
10903	Chlorobenzene	108-90-7	21	5	1
10903	Chloroethane	75-00-3	27	5	1
10903	Chloroform	67-66-3	21	5	1
10903	Chloromethane	74-87-3	16	5	1
10903	Dibromochloromethane	124-48-1	14	5	1
10903	1,1-Dichloroethane	75-34-3	28	5	1
10903	1,2-Dichloroethane	107-06-2	20	5	1
10903	1,1-Dichloroethene	75-35-4	25	2	1
10903	cis-1,2-Dichloroethene	156-59-2	21	5	1
10903	trans-1,2-Dichloroethene	156-60-5	21	5	1
10903	1,2-Dichloropropane	78-87-5	20	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	17	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	16	5	1
10903	1,4-Dioxane	123-91-1	460	250	1
10903	Ethylbenzene	100-41-4	22	5	1
10903	2-Hexanone	591-78-6	87	10	1
10903	4-Methyl-2-pentanone	108-10-1	92	10	1
10903	Methylene Chloride	75-09-2	21	5	1
10903	Styrene	100-42-5	18	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	20	5	1
10903	Tetrachloroethene	127-18-4	19	5	1
10903	Toluene	108-88-3	19	5	1
10903	1,1,1-Trichloroethane	71-55-6	22	5	1
10903	1,1,2-Trichloroethane	79-00-5	18	5	1
10903	Trichloroethene	79-01-6	20	5	1
10903	Vinyl Chloride	75-01-4	19	2	1
10903	Xylene (Total)	1330-20-7	62	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 22:09	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110421AA	02/11/2011 22:09	Frank A Valla, Jr	1

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Analysis Report

Sample Description: MW-12 MSD Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201936
LLI Group # 1232402
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 08:50 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/21/2011 18:54

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

-12--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	140	20	1
10903	Benzene	71-43-2	21	5	1
10903	Bromodichloromethane	75-27-4	18	5	1
10903	Bromoform	75-25-2	13	5	1
10903	Bromomethane	74-83-9	13	5	1
10903	2-Butanone	78-93-3	150	10	1
10903	Carbon Disulfide	75-15-0	20	5	1
10903	Carbon Tetrachloride	56-23-5	21	5	1
10903	Chlorobenzene	108-90-7	18	5	1
10903	Chloroethane	75-00-3	29	5	1
10903	Chloroform	67-66-3	22	5	1
10903	Chloromethane	74-87-3	17	5	1
10903	Dibromochloromethane	124-48-1	13	5	1
10903	1,1-Dichloroethane	75-34-3	31	5	1
10903	1,2-Dichloroethane	107-06-2	20	5	1
10903	1,1-Dichloroethene	75-35-4	25	2	1
10903	cis-1,2-Dichloroethene	156-59-2	22	5	1
10903	trans-1,2-Dichloroethene	156-60-5	24	5	1
10903	1,2-Dichloropropane	78-87-5	20	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	18	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	15	5	1
10903	1,4-Dioxane	123-91-1	470	250	1
10903	Ethylbenzene	100-41-4	18	5	1
10903	2-Hexanone	591-78-6	80	10	1
10903	4-Methyl-2-pentanone	108-10-1	97	10	1
10903	Methylene Chloride	75-09-2	22	5	1
10903	Styrene	100-42-5	17	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	20	5	1
10903	Tetrachloroethene	127-18-4	17	5	1
10903	Toluene	108-88-3	17	5	1
10903	1,1,1-Trichloroethane	71-55-6	22	5	1
10903	1,1,2-Trichloroethane	79-00-5	16	5	1
10903	Trichloroethene	79-01-6	21	5	1
10903	Vinyl Chloride	75-01-4	21	2	1
10903	Xylene (Total)	1330-20-7	52	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 22:31	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110421AA	02/11/2011 22:31	Frank A Valla, Jr	1

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Analysis Report

Sample Description: DP-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201937
LLI Group # 1232402
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 13:00 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/21/2011 18:54

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DP4--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	86	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	670	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	100	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	5	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 22:53	Frank A Valla, Jr	1
10903	8260 Std. Water Master	SW-846 8260B	1	Y110522AA	02/21/2011 17:00	Kevin A Sposito	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110421AA	02/11/2011 22:53	Frank A Valla, Jr	1

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Analysis Report

Sample Description: DP-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201937
LLI Group # 1232402
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 13:00 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/21/2011 18:54

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DP4--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Y110522AA	02/21/2011 17:00	Kevin A Sposito	10

Lancaster Laboratories

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Analysis Report

Sample Description: BR-24 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201938
LLI Group # 1232402
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/08/2011 11:47 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/21/2011 18:54

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

-B24-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110421AA	02/11/2011 23:14	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110421AA	02/11/2011 23:14	Frank A Valla, Jr	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232402
Reported: 02/21/11 at 06:54 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L110421AA	Sample number(s): 6201934-6201938							
Acetone	< 20	20.	ug/l	113		49-234		
Benzene	< 5	5.	ug/l	97		79-120		
Bromodichloromethane	< 5	5.	ug/l	95		80-120		
Bromoform	< 5	5.	ug/l	88		61-120		
Bromomethane	< 5	5.	ug/l	57		44-120		
2-Butanone	< 10	10.	ug/l	96		66-151		
Carbon Disulfide	< 5	5.	ug/l	108		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	98		75-123		
Chlorobenzene	< 5	5.	ug/l	99		80-120		
Chloroethane	< 5	5.	ug/l	68		49-129		
Chloroform	< 5	5.	ug/l	96		77-122		
Chloromethane	< 5	5.	ug/l	82		60-129		
Dibromochloromethane	< 5	5.	ug/l	81		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	98		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	96		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	112		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	96		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	103		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	95		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	91		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	89		79-120		
1,4-Dioxane	< 250	250.	ug/l	86		51-129		
Ethylbenzene	< 5	5.	ug/l	97		79-120		
2-Hexanone	< 10	10.	ug/l	89		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	92		70-121		
Methylene Chloride	< 5	5.	ug/l	110		80-120		
Styrene	< 5	5.	ug/l	92		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	97		71-120		
Tetrachloroethene	< 5	5.	ug/l	91		80-121		
Toluene	< 5	5.	ug/l	90		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	98		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	84		80-120		
Trichloroethene	< 5	5.	ug/l	97		80-120		
Vinyl Chloride	< 2	2.	ug/l	90		65-125		
Xylene (Total)	< 5	5.	ug/l	94		80-120		
Batch number: Y110522AA	Sample number(s): 6201937							
1,1-Dichloroethene	< 2	2.	ug/l	90	93	74-123	2	30

Sample Matrix Quality Control

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232402
Reported: 02/21/11 at 06:54 PM
Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L110421AA	Sample number(s): 6201934-6201938 UNSPK: 6201934								
Acetone	93	95	52-139	2	30				
Benzene	106	105	80-126	1	30				
Bromodichloromethane	90	90	78-125	1	30				
Bromoform	71	67	60-121	6	30				
Bromomethane	75	65	38-149	14	30				
2-Butanone	95	97	57-138	2	30				
Carbon Disulfide	99	101	67-135	2	30				
Carbon Tetrachloride	103	107	81-138	4	30				
Chlorobenzene	107	92	87-124	15	30				
Chloroethane	74	85	51-145	8	30				
Chloroform	105	110	81-134	4	30				
Chloromethane	82	86	67-154	4	30				
Dibromochloromethane	72*	66*	74-116	9	30				
1,1-Dichloroethane	98	110	84-129	8	30				
1,2-Dichloroethane	98	98	66-141	0	30				
1,1-Dichloroethene	117	116	85-142	1	30				
cis-1,2-Dichloroethene	105	108	85-125	3	30				
trans-1,2-Dichloroethene	105	118	87-126	12	30				
1,2-Dichloropropane	100	101	83-124	1	30				
cis-1,3-Dichloropropene	86	92	75-125	8	30				
trans-1,3-Dichloropropene	82	75	74-119	10	30				
1,4-Dioxane	91	93	43-131	2	30				
Ethylbenzene	109	90	71-134	19	30				
2-Hexanone	87	80	55-127	8	30				
4-Methyl-2-pentanone	92	97	63-123	5	30				
Methylene Chloride	106	109	79-120	2	30				
Styrene	92	84	78-125	8	30				
1,1,2,2-Tetrachloroethane	99	102	73-119	3	30				
Tetrachloroethene	97	87	80-128	10	30				
Toluene	93	85	80-125	9	30				
1,1,1-Trichloroethane	109	112	80-143	3	30				
1,1,2-Trichloroethane	90	80	77-124	11	30				
Trichloroethene	101	103	88-133	2	30				
Vinyl Chloride	92	102	66-133	10	30				
Xylene (Total)	103	87	79-125	17	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 Std. Water Master
Batch number: L110421AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6201934	101	101	82	79
6201935	99	103	93	91
6201936	103	98	83	82
6201937	102	102	100	98
6201938	100	99	95	93

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232402
Reported: 02/21/11 at 06:54 PM

Surrogate Quality Control

Blank	98	98	82	82
LCS	101	100	93	91
MS	99	103	93	91
MSD	103	98	83	82
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Master Scan (water)
Batch number: Y110522AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	102	100	101	99
LCS	102	104	103	100
LCSD	103	103	103	99
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only GMC 2/9/11 (3)

Acct. # 6556 Group# ~~1232405~~ 1232402 Sample # ~~620944-43~~ 620934-38

COC # 257025

Please print. Instructions on reverse side correspond with circled numbers.

(1) Client: THE JOHNSON COMPANY Acct. #: 06556

Project Name/#: AD-GA / 1-0145-4 PWSID #:

Project Manager: GLEN KIRKPATRICK P.O.#:

Sampler: TEH/KES Quote #:

Name of state where samples were collected: GA

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

Please use a PQL of 2 µg/L for vinyl chloride

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix: Soil	Water	Other	(4) Total # of Containers	(5) Analyses Requested: Preservation Codes H	8260 + 1,4-Dioxane	MS/MSD	Remarks
MW-36D	2/7/2011	1652	X			X		3	X			
MW-58S	"	1648	X			X		3	X			
MW-47D	2/8/11	0837	X			X		3	X			
MW-12		0850	X			X		3	X		X	
DP-3		1200	X			X		3	X			
BR-4D		1007	X			X		3	X			
MW-2		1015	X			X		3	X			
MW-48S		1102	X			X		3	X			
MW-5		1140	X			X		3	X			
MW-48D		1312	X			X		3	X			

Also rec'd DP-4 and BR-2A

analyze per cust WQ 2/10/11

(7) **Turnaround Time Requested** (TAT) (please circle): (Normal) Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)
Date results are needed:
Rush results requested by (please circle): Phone Fax E-mail
Phone #: 802-229-4600 Fax #: 802-229-5876
E-mail address: GAK@jcomail.com

(8) **Data Package Options** (please circle if required)
Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
Site-specific QC (MS/MSD/Dup)? (Yes) No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

SDG Complete? Yes (No)

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	2/8/11	1520			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/9/11	910

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Company

Date of Receipt: 2/9/11

Time of Receipt: 9:10

Source Code: 50-1

Unpacker Emp. No.: 2368

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	042951	0.6°C	TB	WI	Y	B	
2	↓	0.7°C	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

COC # 257022: All sample dates = 2/7/11, MW-47D = MW-47S

Received MS/MSD containers for sample MW-12 (9 total vials) - analyze per client 2/10/11

Received 2 extra samples (3 vials each) DP-4 2/8/11 1300 and BR-24 2/8/11 1147 - Analyze per client work 2/10/11

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	2/9/11	1240	Unpacking to Storage
[signature]	2/9/11	1554	Place in Storage or (Entry)
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

February 18, 2011

Project: AD-GA/1-0145-4

Submittal Date: 02/09/2011
Group Number: 1232405
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
BR-20 Grab Water	6201941
BR-20 MS Grab Water	6201942
BR-20 MSD Grab Water	6201943

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: BR-20 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201941
LLI Group # 1232405
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 12:12 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:19

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR20-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	160	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	920	20	10
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	41	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110421BA	02/11/2011 23:36	Frank A Valla, Jr	1
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 14:47	Linda C Pape	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110421BA	02/11/2011 23:36	Frank A Valla, Jr	1

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Analysis Report

Sample Description: BR-20 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201941
LLI Group # 1232405
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 12:12 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:19

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR20-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L110481AA	02/17/2011 14:47	Linda C Pape	10

Lancaster Laboratories

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Analysis Report

Sample Description: BR-20 MS Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201942
LLI Group # 1232405
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 12:12 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:19

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR20-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	150	20	1
10903	Benzene	71-43-2	21	5	1
10903	Bromodichloromethane	75-27-4	18	5	1
10903	Bromoform	75-25-2	14	5	1
10903	Bromomethane	74-83-9	12	5	1
10903	2-Butanone	78-93-3	140	10	1
10903	Carbon Disulfide	75-15-0	19	5	1
10903	Carbon Tetrachloride	56-23-5	21	5	1
10903	Chlorobenzene	108-90-7	20	5	1
10903	Chloroethane	75-00-3	15	5	1
10903	Chloroform	67-66-3	21	5	1
10903	Chloromethane	74-87-3	16	5	1
10903	Dibromochloromethane	124-48-1	14	5	1
10903	1,1-Dichloroethane	75-34-3	180	5	1
10903	1,2-Dichloroethane	107-06-2	22	5	1
10903	1,1-Dichloroethene	75-35-4	1,200	2	1
10903	cis-1,2-Dichloroethene	156-59-2	21	5	1
10903	trans-1,2-Dichloroethene	156-60-5	22	5	1
10903	1,2-Dichloropropane	78-87-5	19	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	17	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	16	5	1
10903	1,4-Dioxane	123-91-1	510	250	1
10903	Ethylbenzene	100-41-4	19	5	1
10903	2-Hexanone	591-78-6	80	10	1
10903	4-Methyl-2-pentanone	108-10-1	94	10	1
10903	Methylene Chloride	75-09-2	23	5	1
10903	Styrene	100-42-5	18	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	19	5	1
10903	Tetrachloroethene	127-18-4	19	5	1
10903	Toluene	108-88-3	18	5	1
10903	1,1,1-Trichloroethane	71-55-6	63	5	1
10903	1,1,2-Trichloroethane	79-00-5	17	5	1
10903	Trichloroethene	79-01-6	23	5	1
10903	Vinyl Chloride	75-01-4	20	2	1
10903	Xylene (Total)	1330-20-7	56	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110421BA	02/11/2011 23:58	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110421BA	02/11/2011 23:58	Frank A Valla, Jr	1

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Analysis Report

Sample Description: BR-20 MSD Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6201943
LLI Group # 1232405
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/07/2011 12:12 by TEH

Submitted: 02/09/2011 09:10
Reported: 02/18/2011 19:19

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

BR20-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	150	20	1
10903	Benzene	71-43-2	21	5	1
10903	Bromodichloromethane	75-27-4	19	5	1
10903	Bromoform	75-25-2	14	5	1
10903	Bromomethane	74-83-9	12	5	1
10903	2-Butanone	78-93-3	140	10	1
10903	Carbon Disulfide	75-15-0	19	5	1
10903	Carbon Tetrachloride	56-23-5	21	5	1
10903	Chlorobenzene	108-90-7	20	5	1
10903	Chloroethane	75-00-3	19	5	1
10903	Chloroform	67-66-3	21	5	1
10903	Chloromethane	74-87-3	16	5	1
10903	Dibromochloromethane	124-48-1	14	5	1
10903	1,1-Dichloroethane	75-34-3	190	5	1
10903	1,2-Dichloroethane	107-06-2	22	5	1
10903	1,1-Dichloroethene	75-35-4	1,200	2	1
10903	cis-1,2-Dichloroethene	156-59-2	22	5	1
10903	trans-1,2-Dichloroethene	156-60-5	23	5	1
10903	1,2-Dichloropropane	78-87-5	19	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	18	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	15	5	1
10903	1,4-Dioxane	123-91-1	440	250	1
10903	Ethylbenzene	100-41-4	21	5	1
10903	2-Hexanone	591-78-6	80	10	1
10903	4-Methyl-2-pentanone	108-10-1	93	10	1
10903	Methylene Chloride	75-09-2	23	5	1
10903	Styrene	100-42-5	18	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	20	5	1
10903	Tetrachloroethene	127-18-4	20	5	1
10903	Toluene	108-88-3	18	5	1
10903	1,1,1-Trichloroethane	71-55-6	63	5	1
10903	1,1,2-Trichloroethane	79-00-5	18	5	1
10903	Trichloroethene	79-01-6	23	5	1
10903	Vinyl Chloride	75-01-4	19	2	1
10903	Xylene (Total)	1330-20-7	54	5	1

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110421BA	02/12/2011 00:20	Frank A Valla, Jr	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110421BA	02/12/2011 00:20	Frank A Valla, Jr	1

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232405
Reported: 02/18/11 at 07:19 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L110421BA	Sample number(s): 6201941-6201943							
Acetone	< 20	20.	ug/l	113		49-234		
Benzene	< 5	5.	ug/l	97		79-120		
Bromodichloromethane	< 5	5.	ug/l	95		80-120		
Bromoform	< 5	5.	ug/l	88		61-120		
Bromomethane	< 5	5.	ug/l	57		44-120		
2-Butanone	< 10	10.	ug/l	96		66-151		
Carbon Disulfide	< 5	5.	ug/l	108		62-120		
Carbon Tetrachloride	< 5	5.	ug/l	98		75-123		
Chlorobenzene	< 5	5.	ug/l	99		80-120		
Chloroethane	< 5	5.	ug/l	68		49-129		
Chloroform	< 5	5.	ug/l	96		77-122		
Chloromethane	< 5	5.	ug/l	82		60-129		
Dibromochloromethane	< 5	5.	ug/l	81		80-120		
1,1-Dichloroethane	< 5	5.	ug/l	98		79-120		
1,2-Dichloroethane	< 5	5.	ug/l	96		70-130		
1,1-Dichloroethene	< 2	2.	ug/l	112		74-123		
cis-1,2-Dichloroethene	< 5	5.	ug/l	96		80-120		
trans-1,2-Dichloroethene	< 5	5.	ug/l	103		80-120		
1,2-Dichloropropane	< 5	5.	ug/l	95		78-120		
cis-1,3-Dichloropropene	< 5	5.	ug/l	91		80-120		
trans-1,3-Dichloropropene	< 5	5.	ug/l	89		79-120		
1,4-Dioxane	< 250	250.	ug/l	86		51-129		
Ethylbenzene	< 5	5.	ug/l	97		79-120		
2-Hexanone	< 10	10.	ug/l	89		65-136		
4-Methyl-2-pentanone	< 10	10.	ug/l	92		70-121		
Methylene Chloride	< 5	5.	ug/l	110		80-120		
Styrene	< 5	5.	ug/l	92		80-120		
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	97		71-120		
Tetrachloroethene	< 5	5.	ug/l	91		80-121		
Toluene	< 5	5.	ug/l	90		79-120		
1,1,1-Trichloroethane	< 5	5.	ug/l	98		75-127		
1,1,2-Trichloroethane	< 5	5.	ug/l	84		80-120		
Trichloroethene	< 5	5.	ug/l	97		80-120		
Vinyl Chloride	< 2	2.	ug/l	90		65-125		
Xylene (Total)	< 5	5.	ug/l	94		80-120		
Batch number: L110481AA	Sample number(s): 6201941							
1,1-Dichloroethene	< 2	2.	ug/l	117	108	74-123	8	30

Sample Matrix Quality Control

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232405
Reported: 02/18/11 at 07:19 PM
Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L110421BA	Sample number(s): 6201941-6201943 UNSPK: 6201941								
Acetone	98	100	52-139	2	30				
Benzene	105	104	80-126	1	30				
Bromodichloromethane	91	94	78-125	3	30				
Bromoform	68	72	60-121	5	30				
Bromomethane	58	59	38-149	1	30				
2-Butanone	92	94	57-138	3	30				
Carbon Disulfide	94	94	67-135	1	30				
Carbon Tetrachloride	106	107	81-138	1	30				
Chlorobenzene	99	98	87-124	1	30				
Chloroethane	67	87	51-145	23	30				
Chloroform	103	103	81-134	0	30				
Chloromethane	82	79	67-154	3	30				
Dibromochloromethane	68*	71*	74-116	4	30				
1,1-Dichloroethane	85 (2)	138 (2)	84-129	6	30				
1,2-Dichloroethane	98	99	66-141	1	30				
1,1-Dichloroethene	80 (2)	264 (2)	85-142	3	30				
cis-1,2-Dichloroethene	107	108	85-125	1	30				
trans-1,2-Dichloroethene	111	114	87-126	3	30				
1,2-Dichloropropane	96	96	83-124	0	30				
cis-1,3-Dichloropropene	87	89	75-125	3	30				
trans-1,3-Dichloropropene	80	77	74-119	3	30				
1,4-Dioxane	102	88	43-131	14	30				
Ethylbenzene	96	104	71-134	8	30				
2-Hexanone	80	80	55-127	0	30				
4-Methyl-2-pentanone	94	93	63-123	1	30				
Methylene Chloride	113	113	79-120	0	30				
Styrene	91	92	78-125	1	30				
1,1,2,2-Tetrachloroethane	97	98	73-119	1	30				
Tetrachloroethene	92	95	80-128	3	30				
Toluene	92	92	80-125	0	30				
1,1,1-Trichloroethane	109	111	80-143	1	30				
1,1,2-Trichloroethane	84	89	77-124	6	30				
Trichloroethene	104	103	88-133	1	30				
Vinyl Chloride	90	88	66-133	2	30				
Xylene (Total)	93	91	79-125	2	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 Std. Water Master
Batch number: L110421BA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6201941	101	103	90	92
6201942	98	100	90	87
6201943	103	104	90	93
Blank	98	98	82	82
LCS	101	100	93	91

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1232405
Reported: 02/18/11 at 07:19 PM

Surrogate Quality Control

MS	98	100	90	87
MSD	103	104	90	93
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Master Scan (water)
Batch number: L110481AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	102	101	92	90
LCS	108	109	96	95
LCSD	108	102	100	100
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1232405 Sample # 620194 1-43

COC # 257022

Please print. Instructions on reverse side correspond with circled numbers.

(1)

Client: THE JOHNSON COMPANY Acct. #: 06556

Project Name/#: AD-GA / 1-0145-4 PWSID #:

Project Manager: GLEN KIRKPATRICK P.O.#:

Sampler: TEH / KES Quote #:

Name of state where samples were collected: GA

(2) (3) (4) (5)

Sample Identification	Date Collected	Time Collected	(3) Grab	(3) Composite	(4) Matrix: Soil	(4) Matrix: Water (Potable / NPDES)	(4) Matrix: Other	(4) Total # of Containers	(5) Analyses Requested / Preservation Codes: H	8260 + 1,4-Dioxane	MS/MSD							
TRIP BLANK	2/7/11	–	X			X		2	X	X								
BR-21		1022	X			X		3	X	X								
BR-22S		1038	X			X		3	X	X								
BR-22D		1138	X			X		9	X	X	X							
BR-20		1212	X			X		9	X	X	X							
BR-85		1325	X			X		3	X	X								
MW-20D		1400	X			X		3	X	X								
MW-60D		1437	X			X		3	X	X								
MW-37		1527	X			X		3	X	X								
MW-57D		1535	X			X		3	X	X								

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

Remarks

Please use a PQL of 2 µg/L for Vinyl Chloride

Turnaround Time Requested (TAT) (please circle): (Normal) Rush

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@JCOMAIL.com

Data Package Options (please circle if required)

Type I (validation/NJ Reg)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)

TX TRRP-13
MA MCP CT RCP

SDG Complete? Yes (No)

Site-specific QC (MS/MSD/Dup)? (Yes) No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
	2/8/11	1520			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	2/9/11	910

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Issued by Dept. 6042 Management

2102.05

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Company

Date of Receipt: 2/9/11

Time of Receipt: 9:10

Source Code: 50-1

Unpacker Emp. No.: 2368

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	070951	0.6°C	TB	WI	Y	B	
2	↓	0.7°C	↓	↓	↓	↓	
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

COC # 257622: All sample dates = 2/7/11, MW-47D = MW-47S

Received MS/MSD containers for Sample MW-12 (9 total vials)

Received 2 extra samples (3 vials each) DP-4 2/8/11 1300 and BR-24 2/8/11 1147

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	2/9/11	1240	Unpacking
			Place in Storage or Entry
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

February 18, 2011

Project: AD-GA/1-0145-4

Submittal Date: 02/16/2011
Group Number: 1233299
PO Number: 1-0145-4
State of Sample Origin: GA

Client Sample Description	Lancaster Labs (LLI) #
SW-DS-5 Grab Water	6206905
SW-DS-4 Grab Water	6206906
SW-DS-3 Grab Water	6206907
SW-DS-2 Grab Water	6206908
SW-DS-2(Before) Grab Water	6206909
SW-DS-1 Grab Water	6206910
SW-0 Grab Water	6206911
SW-1 Grab Water	6206912
Trip Blank Water	6206913

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO The Johnson Company, Inc. Attn: Glen Kirkpatrick

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300 Ext. 1522

Respectfully Submitted,

Christine Dulaney
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206905
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:05 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS5--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloroethane.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-5 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206905
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:05 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS5--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 15:09	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110481AA	02/17/2011 15:09	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206906
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:15 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS4--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	3	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloroethane.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-4 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206906
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:15 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS4--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 15:31	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110481AA	02/17/2011 15:31	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206907
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:30 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS3--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	4	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloroethane.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

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Analysis Report

Sample Description: SW-DS-3 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206907
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:30 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS3--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 15:53	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110481AA	02/17/2011 15:53	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206908
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:40 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS2--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	4	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloroethane.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-2 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206908
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:40 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS2--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 16:14	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110481AA	02/17/2011 16:14	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-2(Before) Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206909
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:45 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS2BF

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	4	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloroethane.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-2(Before) Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206909
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:45 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS2BF

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 16:36	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110481AA	02/17/2011 16:36	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-DS-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206910
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:55 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS1--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	5	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloroethane.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

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Analysis Report

Sample Description: SW-DS-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206910
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 09:55 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

DS1--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 16:58	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110481AA	02/17/2011 16:58	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-0 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206911
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 10:00 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW-0-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	5	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloroethane.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: SW-0 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206911
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 10:00 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

SW-0-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 17:20	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110481AA	02/17/2011 17:20	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Sample Description: SW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206912
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 10:05 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

1SW--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	5	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloroethane.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: SW-1 Grab Water
AD-GA/1-0145-4

LLI Sample # WW 6206912
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011 10:05 by TEH

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

1SW--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 17:41	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110481AA	02/17/2011 17:41	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Sample Description: Trip Blank Water
AD-GA/1-0145-4

LLI Sample # WW 6206913
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

TB-GA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
10903	Acetone	67-64-1	< 20	20	1
10903	Benzene	71-43-2	< 5	5	1
10903	Bromodichloromethane	75-27-4	< 5	5	1
10903	Bromoform	75-25-2	< 5	5	1
10903	Bromomethane	74-83-9	< 5	5	1
10903	2-Butanone	78-93-3	< 10	10	1
10903	Carbon Disulfide	75-15-0	< 5	5	1
10903	Carbon Tetrachloride	56-23-5	< 5	5	1
10903	Chlorobenzene	108-90-7	< 5	5	1
10903	Chloroethane	75-00-3	< 5	5	1
10903	Chloroform	67-66-3	< 5	5	1
10903	Chloromethane	74-87-3	< 5	5	1
10903	Dibromochloromethane	124-48-1	< 5	5	1
10903	1,1-Dichloroethane	75-34-3	< 5	5	1
10903	1,2-Dichloroethane	107-06-2	< 5	5	1
10903	1,1-Dichloroethene	75-35-4	< 2	2	1
10903	cis-1,2-Dichloroethene	156-59-2	< 5	5	1
10903	trans-1,2-Dichloroethene	156-60-5	< 5	5	1
10903	1,2-Dichloropropane	78-87-5	< 5	5	1
10903	cis-1,3-Dichloropropene	10061-01-5	< 5	5	1
10903	trans-1,3-Dichloropropene	10061-02-6	< 5	5	1
10903	1,4-Dioxane	123-91-1	< 250	250	1
10903	Ethylbenzene	100-41-4	< 5	5	1
10903	2-Hexanone	591-78-6	< 10	10	1
10903	4-Methyl-2-pentanone	108-10-1	< 10	10	1
10903	Methylene Chloride	75-09-2	< 5	5	1
10903	Styrene	100-42-5	< 5	5	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	< 5	5	1
10903	Tetrachloroethene	127-18-4	< 5	5	1
10903	Toluene	108-88-3	< 5	5	1
10903	1,1,1-Trichloroethane	71-55-6	< 5	5	1
10903	1,1,2-Trichloroethane	79-00-5	< 5	5	1
10903	Trichloroethene	79-01-6	< 5	5	1
10903	Vinyl Chloride	75-01-4	< 2	2	1
10903	Xylene (Total)	1330-20-7	< 5	5	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: chloroethane.

General Sample Comments

PA DEP Lab Certification ID 36-00037, Expiration Date: 1/31/12

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Lancaster Laboratories

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Analysis Report

Sample Description: Trip Blank Water
AD-GA/1-0145-4

LLI Sample # WW 6206913
LLI Group # 1233299
Account # 06556

Project Name: AD-GA/1-0145-4

Collected: 02/15/2011

Submitted: 02/16/2011 09:00
Reported: 02/18/2011 12:45

The Johnson Company, Inc.
Suite 600
100 State Street
Montpelier VT 05602

TB-GA

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	8260 Std. Water Master	SW-846 8260B	1	L110481AA	02/17/2011 18:03	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L110481AA	02/17/2011 18:03	Linda C Pape	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1233299
Reported: 02/18/11 at 12:45 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L110481AA	Sample number(s): 6206905-6206913							
Acetone	< 20	20.	ug/l	134	125	49-234	6	30
Benzene	< 5	5.	ug/l	98	96	79-120	3	30
Bromodichloromethane	< 5	5.	ug/l	82	90	80-120	9	30
Bromoform	< 5	5.	ug/l	94	93	61-120	1	30
Bromomethane	< 5	5.	ug/l	51	52	44-120	1	30
2-Butanone	< 10	10.	ug/l	97	103	66-151	6	30
Carbon Disulfide	< 5	5.	ug/l	101	101	62-120	0	30
Carbon Tetrachloride	< 5	5.	ug/l	92	98	75-123	7	30
Chlorobenzene	< 5	5.	ug/l	92	94	80-120	2	30
Chloroethane	< 5	5.	ug/l	47*	47*	49-129	0	30
Chloroform	< 5	5.	ug/l	109	105	77-122	4	30
Chloromethane	< 5	5.	ug/l	74	69	60-129	8	30
Dibromochloromethane	< 5	5.	ug/l	91	90	80-120	1	30
1,1-Dichloroethane	< 5	5.	ug/l	91	98	79-120	8	30
1,2-Dichloroethane	< 5	5.	ug/l	89	92	70-130	4	30
1,1-Dichloroethene	< 2	2.	ug/l	117	108	74-123	8	30
cis-1,2-Dichloroethene	< 5	5.	ug/l	100	107	80-120	7	30
trans-1,2-Dichloroethene	< 5	5.	ug/l	107	109	80-120	1	30
1,2-Dichloropropane	< 5	5.	ug/l	84	91	78-120	8	30
cis-1,3-Dichloropropene	< 5	5.	ug/l	82	88	80-120	7	30
trans-1,3-Dichloropropene	< 5	5.	ug/l	89	91	79-120	1	30
1,4-Dioxane	< 250	250.	ug/l	88	92	51-129	5	30
Ethylbenzene	< 5	5.	ug/l	87	97	79-120	11	30
2-Hexanone	< 10	10.	ug/l	83	84	65-136	2	30
4-Methyl-2-pentanone	< 10	10.	ug/l	81	85	70-121	5	30
Methylene Chloride	< 5	5.	ug/l	116	106	80-120	9	30
Styrene	< 5	5.	ug/l	93	96	80-120	4	30
1,1,2,2-Tetrachloroethane	< 5	5.	ug/l	96	93	71-120	3	30
Tetrachloroethene	< 5	5.	ug/l	91	94	80-121	4	30
Toluene	< 5	5.	ug/l	93	95	79-120	3	30
1,1,1-Trichloroethane	< 5	5.	ug/l	99	107	75-127	8	30
1,1,2-Trichloroethane	< 5	5.	ug/l	95	92	80-120	3	30
Trichloroethene	< 5	5.	ug/l	88	95	80-120	8	30
Vinyl Chloride	< 2	2.	ug/l	80	75	65-125	6	30
Xylene (Total)	< 5	5.	ug/l	93	98	80-120	5	30

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: The Johnson Company, Inc. Group Number: 1233299
Reported: 02/18/11 at 12:45 PM

Surrogate Quality Control

Analysis Name: 8260 Std. Water Master
Batch number: L110481AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6206905	102	109	99	98
6206906	97	99	95	95
6206907	101	100	98	97
6206908	105	107	99	96
6206909	100	98	96	101
6206910	103	101	95	96
6206911	99	105	93	91
6206912	101	102	98	95
6206913	100	104	96	94
Blank	102	101	92	90
LCS	108	109	96	95
LCSD	108	102	100	100
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 6556 Group# 1233299 Sample # 6206905-913

COC # 257027

Please print. Instructions on reverse side correspond with circled numbers.

(1)

Client: THE JOHNSON COMPANY Acct. #: 06556

Project Name/#: AD-GA / 1-0145-4 PWSID #:

Project Manager: GLEN KIRKPATRICK P.O.#:

Sampler: TEH Quote #:

Name of state where samples were collected: GA

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix: Soil	Water	Other	(4) Total # of Containers	(5) Analyses Requested / Preservation Codes: 8260 + 1,4-Dioxane (H)
SW-DS-5	2/15/11	0905	X			X		3	X
SW-DS-4		0915	X			X		3	X
SW-DS-3		0930	X			X		3	X
SW-DS-2		0940	X			X		3	X
SW-DS-2 (Before)		0945	X			X		3	X
SW-DS-1		0955	X			X		3	X
SW-0		1000	X			X		3	X
SW-1		1005	X			X		3	X
TRIP BLANK	2/15/11	—	X			X		2	X

Matrix: ☐ Potable ☐ NPDES Check if Applicable

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

Remarks

Please use a PQL of 2 µg/L for 1,1-Dichloroethene

RUSH

(7) **Turnaround Time Requested** (TAT) (please circle): Normal (Rush)

(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed: 2 day TAT

Rush results requested by (please circle): Phone Fax E-mail

Phone #: 802-229-4600 Fax #: 802-229-5876

E-mail address: GAK@JCOmail.com

(8) **Data Package Options** (please circle if required)

Type I (validation/NJ Reg) TX TRRP-13

Type II (Tier II) MA MCP CT RCP

Type III (Reduced NJ)

Type IV (CLP SOW)

Type VI (Raw Data Only)

SDG Complete? (Yes) No

Site-specific QC (MS/MSD/Dup)? Yes No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

Relinquished by:	Date	Time	Received by:	Date	Time
	2/15/11	1530			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Kristi Zagh	2-16-11	0900

(9)

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Issued by Dept. 6042 Management 2102.05

Lancaster Laboratories

Environmental Sample Administration
Receipt Documentation Log

Client/Project: The Johnson Co.

Date of Receipt: 2-16-11

Time of Receipt: 0900

Source Code: 50-1

Unpacker Emp. No.: 2123

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	1396	3.8°	ST	WI	Y	B	no temp bottle
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
Kristin Zeigler	2-16-11	0950	Unpacking to Storage
	2-16-11	1010	Place in Storage or Entry
			Entry
			Entry

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

APPENDIX F

NOVEMBER 2010 INDOOR AIR QUALITY ASSESSMENT

AVERY DENNISON FACILITY

HSI #10578

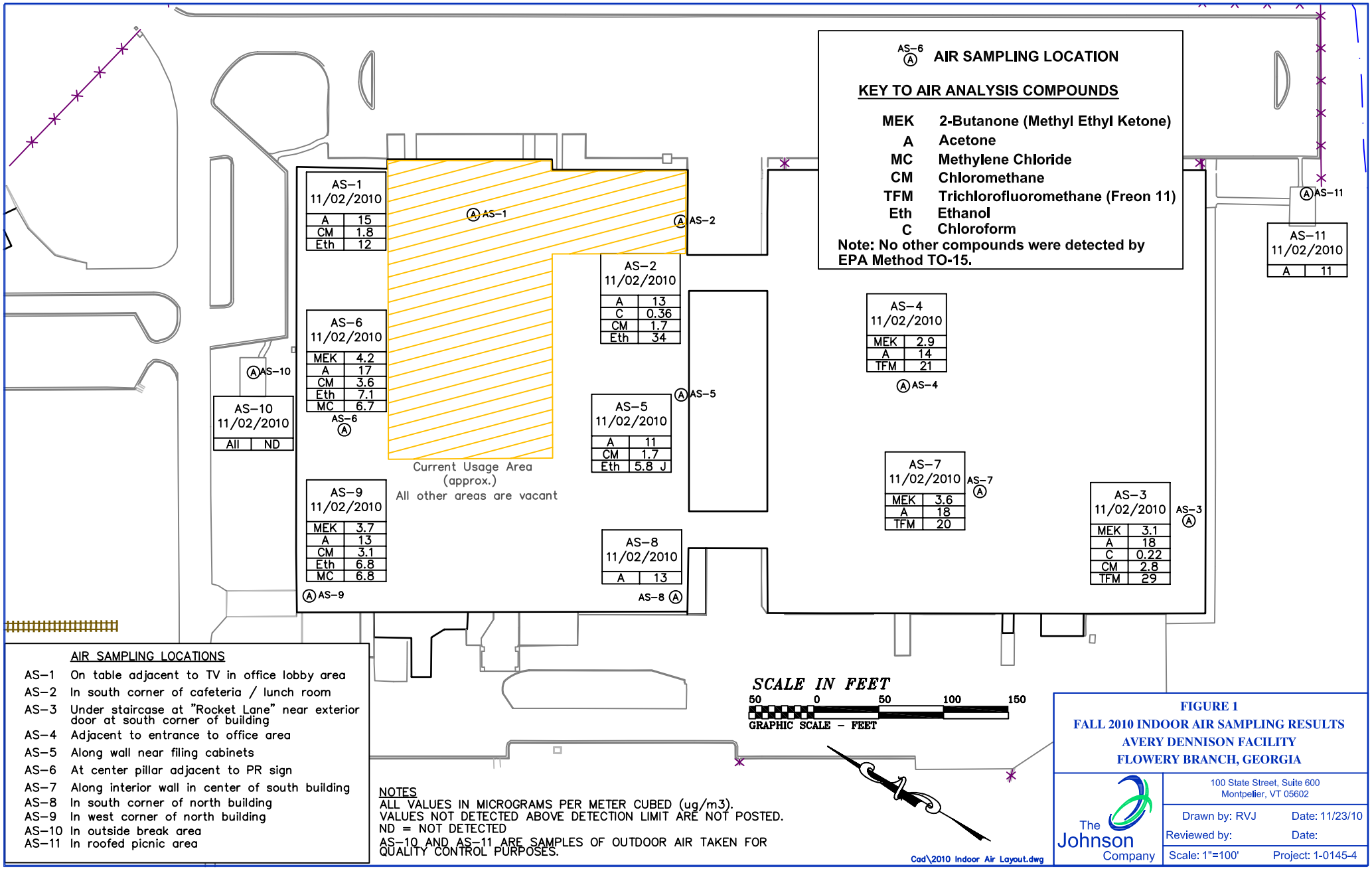
AS-6 (A) AIR SAMPLING LOCATION
KEY TO AIR ANALYSIS COMPOUNDS
MEK 2-Butanone (Methyl Ethyl Ketone)
A Acetone
MC Methylene Chloride
CM Chloromethane
TFM Trichlorofluoromethane (Freon 11)
Eth Ethanol
C Chloroform
Note: No other compounds were detected by EPA Method TO-15.
AS-1 11/02/2010
A 15
CM 1.8
Eth 12
AS-2 11/02/2010
A 13
C 0.36
CM 1.7
Eth 34
AS-4 11/02/2010
MEK 2.9
A 14
TFM 21
AS-11 11/02/2010
A 11
AS-6 11/02/2010
MEK 4.2
A 17
CM 3.6
Eth 7.1
MC 6.7
AS-10 11/02/2010
All ND
AS-5 11/02/2010
A 11
CM 1.7
Eth 5.8 J
AS-7 11/02/2010
MEK 3.6
A 18
TFM 20
AS-3 11/02/2010
MEK 3.1
A 18
C 0.22
CM 2.8
TFM 29
AS-9 11/02/2010
MEK 3.7
A 13
CM 3.1
Eth 6.8
MC 6.8
AS-8 11/02/2010
A 13
Current Usage Area (approx.)
All other areas are vacant
AIR SAMPLING LOCATIONS
AS-1 On table adjacent to TV in office lobby area
AS-2 In south corner of cafeteria / lunch room
AS-3 Under staircase at "Rocket Lane" near exterior door at south corner of building
AS-4 Adjacent to entrance to office area
AS-5 Along wall near filing cabinets
AS-6 At center pillar adjacent to PR sign
AS-7 Along interior wall in center of south building
AS-8 In south corner of north building
AS-9 In west corner of north building
AS-10 In outside break area
AS-11 In roofed picnic area
SCALE IN FEET
50 0 50 100 150
GRAPHIC SCALE - FEET
NOTES
ALL VALUES IN MICROGRAMS PER METER CUBED (ug/m3).
VALUES NOT DETECTED ABOVE DETECTION LIMIT ARE NOT POSTED.
ND = NOT DETECTED
AS-10 AND AS-11 ARE SAMPLES OF OUTDOOR AIR TAKEN FOR QUALITY CONTROL PURPOSES.
Cad\2010 Indoor Air Layout.dwg
FIGURE 1
FALL 2010 INDOOR AIR SAMPLING RESULTS
AVERY DENNISON FACILITY
FLOWERY BRANCH, GEORGIA
The Johnson Company
100 State Street, Suite 600
Montpelier, VT 05602
Drawn by: RVJ Date: 11/23/10
Reviewed by: Date:
Scale: 1"=100' Project: 1-0145-4

Table 1

Summary of Indoor Air Analyses: November 2010

Avery Dennison Facility

Flowery Branch, Georgia

Sample Location	AS-1	AS-2	AS-3	AS-4	AS-5	AS-6	AS-6 Duplicate
Date	11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010
	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
VOC (TO-15)							
2-Butanone (Methyl Ethyl Ketone)	ND < 2.4	ND < 2.4	3.1	2.9	ND < 2.3	3.7	4.2
Acetone	15	13	18	14	11	16	17
Chloroform	ND < 0.16	0.36	0.22	ND < 0.16	ND < 0.15	ND < 0.16	ND < 0.16
Chloromethane	1.8	1.7	2.8	ND < 1.7	1.7	3.6	3.4
Ethanol	12	34	ND < 6.3	ND < 6.3	ND < 6.0	7.1	6.9
Freon 11	ND < 4.5	ND < 4.5	29	21	ND < 4.4	ND < 4.7	ND < 4.7
Methylene Chloride	ND < 2.8	ND < 2.8	ND < 2.9	ND < 2.9	ND < 2.7	6.7	5.7

Sample Location	AS-7	AS-8	AS-9	AS-10	AS-11
Date	11/2/2010	11/2/2010	11/2/2010	11/2/2010	11/2/2010
	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
VOC (TO-15)					
2-Butanone (Methyl Ethyl Ketone)	3.6	ND < 2.5	3.7	ND < 2.6	ND < 2.5
Acetone	18	13	13	ND < 8.3	11
Chloroform	ND < 0.16	ND < 0.16	ND < 0.16	ND < 0.17	ND < 0.16
Chloromethane	ND < 1.7	ND < 1.7	3.1	ND < 1.8	ND < 1.7
Ethanol	ND < 6.3	ND < 6.3	6.8	ND < 6.6	ND < 6.3
Freon 11	20	ND < 4.7	ND < 4.7	ND < 4.9	ND < 4.7
Methylene Chloride	ND < 2.9	ND < 2.9	6.8	ND < 3.0	ND < 2.9

Notes:

NS = No standard provided.

µg/m^3 = micrograms per cubic meter.

Only analytes detected using the modified EPA Method T0-15 GC/MS SIM/Full Scan are shown. All other analytes were not detected.

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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

Project Manager Glen Kirkpatrick

Collected by: (Print and Sign) Tristan Hardy (TEH)

Company The Johnson Co. Email GAK@jcomail.com

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

Phone 802-229-4600 Fax 802-229-5876

Project Info:
P.O. # 75585
Project # 1-0145-4 (Avery - Georgia)
Project Name AD-GA

Turn Around Time:
[X] Normal
[ ] Rush
specify

Lab Use Only
Pressurized by:
Date:
Pressurization Gas: N_2 He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection (init / end)	Analyses Requested	Canister Pressure/Vacuum Initial in Hg	Final in Hg	Receipt	Final (psi)
01AB	AS-3	5583	11/1/10 - 11/2/10	1940 - 0810	Mod TO-15	-28.5	-5.5		
02AB	AS-7	5717		1942 - 0812		-31	-7		
03AB	AS-4	4372		1945 - 0816		-29.5	-6		
04AB	AS-2	1567		1947 - 0818		-31	-6		
05AB	AS-5	33962		1948 - 0820		-29.5	-7		
06AB	AS-8	35977		1949 - 0821		-30	-6.5		
07AB	AS-1	33321		1958 - 0758		-30	-6		
08AB	AS-6	34018		1953 - 0753		-29	-6		
09AB	AS-9	4220		1951 - 0823		-31	-7		
10AB	AS-Dup	3739		1959 - 0759		-29	-5.5		

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
TEH	11/2/2010 / 0930	[signature]	11/8/10 1125
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes:
Modified Detection/Reporting Level list for TO-15

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex gnd		NA	good	Yes No (None)	1011183

Form 1293 rev.11

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

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

Project Manager Glen Kirkpatrick
Collected by: (Print and Sign) Tristan Hanly (TEH)
Company The Johnson Co. Email GAK@jcomail.com
Address 100 State St. Suite 600 City Montpelier State VT Zip 05602
Phone 802-229-4600 Fax 802-229-5876

Project Info:
P.O. # 75585
Project # 1-0145-4
Project Name (Avery-Georgia) AD-GA

Turn Around Time:
☒ Normal
☐ Rush
specify

Lab Use Only
Pressurized by:
Date:
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 in Hg	Final in Hg	Receipt	Final (psi)
11AB	AS-10	12077	11/1/10 – 11/2/10	1934 – 0736	Mod TO-15	-31	-8.5		
12AB	AS-11	33668	↓	1927 – 0635	↓	-29.5	-6		
	~~Trip Blank~~ TEH 11/2/10	~~23888~~	~~10/2 11:10~~			–	–		
13AB	Trip Blank	34444	10/27/10	–	Mod TO-15	–	–		

Relinquished by: (signature) Date/Time: 11/2/2010 /0930
Received by: (signature) Date/Time: AR 11/8/10 1125
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:
Relinquished by: (signature) Date/Time:
Received by: (signature) Date/Time:

Notes:
Modified Detection/Reporting Level list for TO-15

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	Fedex grnd		NA	Good	Yes No (None)	1011183

Air Toxics LTD.
Laboratory Services Since 1989

11/19/2010
Mr. Tristan Hardy
The Johnson Company
100 State Street

Montpelier VT 05602

Project Name: (Avery-Georgia) AD-GA
Project #: 1-0145-4
Workorder #: 1011183A

Dear Mr. Tristan Hardy

The following report includes the data for the above referenced project for sample(s) received on 11/8/2010 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 Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. 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 #: 1011183A

Work Order Summary

CLIENT: Mr. Tristan Hardy
The Johnson Company
100 State Street
Montpelier, VT 05602

BILL TO: Mr. Tristan Hardy
The Johnson Company
100 State Street
Montpelier, VT 05602

PHONE:
FAX:
DATE RECEIVED: 11/08/2010
DATE COMPLETED: 11/19/2010

P.O. #
PROJECT # 1-0145-4 (Avery-Georgia) AD-GA
CONTACT: Ausha Scott

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	AS-3	Modified TO-15	6.0 "Hg	5 psi
01B	AS-3	Modified TO-15	6.0 "Hg	5 psi
02A	AS-7	Modified TO-15	6.0 "Hg	5 psi
02B	AS-7	Modified TO-15	6.0 "Hg	5 psi
03A	AS-4	Modified TO-15	6.0 "Hg	5 psi
03B	AS-4	Modified TO-15	6.0 "Hg	5 psi
04A	AS-2	Modified TO-15	5.0 "Hg	5 psi
04B	AS-2	Modified TO-15	5.0 "Hg	5 psi
05A	AS-5	Modified TO-15	4.5 "Hg	5 psi
05B	AS-5	Modified TO-15	4.5 "Hg	5 psi
06A	AS-8	Modified TO-15	6.0 "Hg	5 psi
06B	AS-8	Modified TO-15	6.0 "Hg	5 psi
07A	AS-1	Modified TO-15	5.0 "Hg	5 psi
07B	AS-1	Modified TO-15	5.0 "Hg	5 psi
08A	AS-6	Modified TO-15	6.0 "Hg	5 psi
08B	AS-6	Modified TO-15	6.0 "Hg	5 psi
09A	AS-9	Modified TO-15	6.0 "Hg	5 psi

Continued on next page

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1011183A

Work Order Summary

CLIENT:	Mr. Tristan Hardy The Johnson Company 100 State Street Montpelier, VT 05602	**BILL TO:**	Mr. Tristan Hardy The Johnson Company 100 State Street Montpelier, VT 05602
PHONE:		**P.O. #**	
FAX:		**PROJECT #**	1-0145-4 (Avery-Georgia) AD-GA
DATE RECEIVED:	11/08/2010	**CONTACT:**	Ausha Scott
DATE COMPLETED:	11/19/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
09B	AS-9	Modified TO-15	6.0 "Hg	5 psi
10A	AS-Dup	Modified TO-15	6.0 "Hg	5 psi
10B	AS-Dup	Modified TO-15	6.0 "Hg	5 psi
11A	Lab Blank	Modified TO-15	NA	NA
11B	Lab Blank	Modified TO-15	NA	NA
11C	Lab Blank	Modified TO-15	NA	NA
11D	Lab Blank	Modified TO-15	NA	NA
12A	CCV	Modified TO-15	NA	NA
12B	CCV	Modified TO-15	NA	NA
12C	CCV	Modified TO-15	NA	NA
12D	CCV	Modified TO-15	NA	NA
13A	LCS	Modified TO-15	NA	NA
13AA	LCSD	Modified TO-15	NA	NA
13B	LCS	Modified TO-15	NA	NA
13BB	LCSD	Modified TO-15	NA	NA
13C	LCS	Modified TO-15	NA	NA
13CC	LCSD	Modified TO-15	NA	NA
13D	LCS	Modified TO-15	NA	NA
13DD	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda D. Frumarn DATE: 11/19/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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

LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
The Johnson Company
Workorder# 1011183A

Ten 6 Liter Summa Canister (SIM Certified) samples were received on November 08, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

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	</=30% RSD with 2 compounds allowed out to < 40% RSD	For Full Scan: 30% RSD with 4 compounds allowed out to < 40% RSD For SIM: Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	For Full Scan: </= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers For SIM: Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=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

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

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.

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

Air Toxics LTD.
Laboratory Services Since 1989

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

Client Sample ID: AS-3

Lab ID#: 1011183A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloromethane	0.84	1.4	1.7	2.8
Freon 11	0.84	5.1	4.7	29
Acetone	3.4	7.8	8.0	18
2-Butanone (Methyl Ethyl Ketone)	0.84	1.0	2.5	3.1

Client Sample ID: AS-3

Lab ID#: 1011183A-01B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.034	0.044	0.16	0.22

Client Sample ID: AS-7

Lab ID#: 1011183A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 11	0.84	3.6	4.7	20
Acetone	3.4	7.6	8.0	18
2-Butanone (Methyl Ethyl Ketone)	0.84	1.2	2.5	3.6

Client Sample ID: AS-7

Lab ID#: 1011183A-02B

No Detections Were Found.

Client Sample ID: AS-4

Lab ID#: 1011183A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 11	0.84	3.8	4.7	21
Acetone	3.4	5.9	8.0	14
2-Butanone (Methyl Ethyl Ketone)	0.84	0.99	2.5	2.9

Air Toxics LTD.
Laboratory Services Since 1989

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

Client Sample ID: AS-4

Lab ID#: 1011183A-03B

No Detections Were Found.

Client Sample ID: AS-2

Lab ID#: 1011183A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloromethane	0.80	0.83	1.7	1.7
Ethanol	3.2	18	6.1	34
Acetone	3.2	5.3	7.6	13

Client Sample ID: AS-2

Lab ID#: 1011183A-04B

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.032	0.074	0.16	0.36

Client Sample ID: AS-5

Lab ID#: 1011183A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloromethane	0.79	0.82	1.6	1.7
Ethanol	3.2	3.1 J	6.0	5.8 J
Acetone	3.2	4.5	7.5	11

Client Sample ID: AS-5

Lab ID#: 1011183A-05B

No Detections Were Found.

Client Sample ID: AS-8

Lab ID#: 1011183A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)

Air Toxics LTD.
Laboratory Services Since 1989

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

Client Sample ID: AS-8

Lab ID#: 1011183A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	3.4	5.3	8.0	13

Client Sample ID: AS-8

Lab ID#: 1011183A-06B

No Detections Were Found.

Client Sample ID: AS-1

Lab ID#: 1011183A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloromethane	0.80	0.85	1.7	1.8
Ethanol	3.2	6.4	6.1	12
Acetone	3.2	6.3	7.6	15

Client Sample ID: AS-1

Lab ID#: 1011183A-07B

No Detections Were Found.

Client Sample ID: AS-6

Lab ID#: 1011183A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloromethane	0.84	1.7	1.7	3.6
Ethanol	3.4	3.8	6.3	7.1
Acetone	3.4	6.8	8.0	16
Methylene Chloride	0.84	1.9	2.9	6.7
2-Butanone (Methyl Ethyl Ketone)	0.84	1.2	2.5	3.7

Client Sample ID: AS-6

Lab ID#: 1011183A-08B

Air Toxics LTD.
Laboratory Services Since 1989

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

Client Sample ID: AS-6

Lab ID#: 1011183A-08B

No Detections Were Found.

Client Sample ID: AS-9

Lab ID#: 1011183A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloromethane	0.84	1.5	1.7	3.1
Ethanol	3.4	3.6	6.3	6.8
Acetone	3.4	5.5	8.0	13
Methylene Chloride	0.84	1.9	2.9	6.8
2-Butanone (Methyl Ethyl Ketone)	0.84	1.2	2.5	3.7

Client Sample ID: AS-9

Lab ID#: 1011183A-09B

No Detections Were Found.

Client Sample ID: AS-Dup

Lab ID#: 1011183A-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloromethane	0.84	1.7	1.7	3.4
Ethanol	3.4	3.7	6.3	6.9
Acetone	3.4	7.3	8.0	17
Methylene Chloride	0.84	1.6	2.9	5.7
2-Butanone (Methyl Ethyl Ketone)	0.84	1.4	2.5	4.2

Client Sample ID: AS-Dup

Lab ID#: 1011183A-10B

No Detections Were Found.

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-3

Lab ID#: 1011183A-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111515**	**Date of Collection:**	**11/2/10 8:10:00 AM**
Dil. Factor:	**1.68**	**Date of Analysis:**	**11/15/10 11:41 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
Toluene	0.84	Not Detected	3.2	Not Detected
Tetrachloroethene	0.84	Not Detected	5.7	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	0.84	Not Detected	3.6	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected
Freon 12	0.84	Not Detected	4.2	Not Detected
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	1.4	1.7	2.8
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	5.1	4.7	29
Ethanol	3.4	Not Detected	6.3	Not Detected
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	3.4	7.8	8.0	18
2-Propanol	3.4	Not Detected	8.2	Not Detected
Carbon Disulfide	3.4	Not Detected	10	Not Detected
Methylene Chloride	0.84	Not Detected	2.9	Not Detected
Hexane	0.84	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.84	1.0	2.5	3.1
Tetrahydrofuran	3.4	Not Detected	9.9	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	3.4	Not Detected	14	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-3

Lab ID#: 1011183A-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111515**	**Date of Collection: 11/2/10 8:10:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/15/10 11:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	89	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-3

Lab ID#: 1011183A-01B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111515sim**	**Date of Collection: 11/2/10 8:10:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/15/10 11:41 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.034	0.044	0.16	0.22
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-7

Lab ID#: 1011183A-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111516**	**Date of Collection: 11/2/10 8:12:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 12:32 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
Toluene	0.84	Not Detected	3.2	Not Detected
Tetrachloroethene	0.84	Not Detected	5.7	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	0.84	Not Detected	3.6	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected
Freon 12	0.84	Not Detected	4.2	Not Detected
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	Not Detected	1.7	Not Detected
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	3.6	4.7	20
Ethanol	3.4	Not Detected	6.3	Not Detected
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	3.4	7.6	8.0	18
2-Propanol	3.4	Not Detected	8.2	Not Detected
Carbon Disulfide	3.4	Not Detected	10	Not Detected
Methylene Chloride	0.84	Not Detected	2.9	Not Detected
Hexane	0.84	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.84	1.2	2.5	3.6
Tetrahydrofuran	3.4	Not Detected	9.9	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	3.4	Not Detected	14	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-7

Lab ID#: 1011183A-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111516**	**Date of Collection: 11/2/10 8:12:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 12:32 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	89	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-7

Lab ID#: 1011183A-02B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111516sim**	**Date of Collection: 11/2/10 8:12:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 12:32 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.034	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-4

Lab ID#: 1011183A-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111517**	**Date of Collection: 11/2/10 8:16:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 09:02 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
Toluene	0.84	Not Detected	3.2	Not Detected
Tetrachloroethene	0.84	Not Detected	5.7	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	0.84	Not Detected	3.6	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected
Freon 12	0.84	Not Detected	4.2	Not Detected
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	Not Detected	1.7	Not Detected
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	3.8	4.7	21
Ethanol	3.4	Not Detected	6.3	Not Detected
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	3.4	5.9	8.0	14
2-Propanol	3.4	Not Detected	8.2	Not Detected
Carbon Disulfide	3.4	Not Detected	10	Not Detected
Methylene Chloride	0.84	Not Detected	2.9	Not Detected
Hexane	0.84	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.84	0.99	2.5	2.9
Tetrahydrofuran	3.4	Not Detected	9.9	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	3.4	Not Detected	14	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-4

Lab ID#: 1011183A-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111517**	**Date of Collection: 11/2/10 8:16:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 09:02 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	92	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-4

Lab ID#: 1011183A-03B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111517sim**	**Date of Collection: 11/2/10 8:16:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 09:02 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.034	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-2

Lab ID#: 1011183A-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111518**	**Date of Collection:**	**11/2/10 8:18:00 AM**
Dil. Factor:	**1.61**	**Date of Analysis:**	**11/16/10 09:37 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.80	Not Detected	2.0	Not Detected
1,1-Dichloroethene	0.80	Not Detected	3.2	Not Detected
1,1-Dichloroethane	0.80	Not Detected	3.2	Not Detected
cis-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
1,1,1-Trichloroethane	0.80	Not Detected	4.4	Not Detected
Benzene	0.80	Not Detected	2.6	Not Detected
Toluene	0.80	Not Detected	3.0	Not Detected
Tetrachloroethene	0.80	Not Detected	5.5	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	0.80	Not Detected	3.5	Not Detected
o-Xylene	0.80	Not Detected	3.5	Not Detected
1,1,2,2-Tetrachloroethane	0.80	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Methyl tert-butyl ether	0.80	Not Detected	2.9	Not Detected
Freon 12	0.80	Not Detected	4.0	Not Detected
Freon 114	0.80	Not Detected	5.6	Not Detected
Chloromethane	0.80	0.83	1.7	1.7
1,3-Butadiene	0.80	Not Detected	1.8	Not Detected
Bromomethane	0.80	Not Detected	3.1	Not Detected
Chloroethane	0.80	Not Detected	2.1	Not Detected
Freon 11	0.80	Not Detected	4.5	Not Detected
Ethanol	3.2	18	6.1	34
Freon 113	0.80	Not Detected	6.2	Not Detected
Acetone	3.2	5.3	7.6	13
2-Propanol	3.2	Not Detected	7.9	Not Detected
Carbon Disulfide	3.2	Not Detected	10	Not Detected
Methylene Chloride	0.80	Not Detected	2.8	Not Detected
Hexane	0.80	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.80	Not Detected	2.4	Not Detected
Tetrahydrofuran	3.2	Not Detected	9.5	Not Detected
Cyclohexane	0.80	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.80	Not Detected	5.1	Not Detected
Heptane	0.80	Not Detected	3.3	Not Detected
1,2-Dichloropropane	0.80	Not Detected	3.7	Not Detected
1,4-Dioxane	0.80	Not Detected	2.9	Not Detected
Bromodichloromethane	0.80	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.80	Not Detected	3.3	Not Detected
trans-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
2-Hexanone	3.2	Not Detected	13	Not Detected
Dibromochloromethane	0.80	Not Detected	6.8	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-2

Lab ID#: 1011183A-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111518**	**Date of Collection: 11/2/10 8:18:00 AM**	
Dil. Factor:	**1.61**	**Date of Analysis: 11/16/10 09:37 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.80	Not Detected	6.2	Not Detected
Chlorobenzene	0.80	Not Detected	3.7	Not Detected
Styrene	0.80	Not Detected	3.4	Not Detected
Bromoform	0.80	Not Detected	8.3	Not Detected
Cumene	0.80	Not Detected	4.0	Not Detected
Propylbenzene	0.80	Not Detected	4.0	Not Detected
4-Ethyltoluene	0.80	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,3-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.80	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-2

Lab ID#: 1011183A-04B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111518sim**	**Date of Collection: 11/2/10 8:18:00 AM**	
Dil. Factor:	**1.61**	**Date of Analysis: 11/16/10 09:37 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.032	0.074	0.16	0.36
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	Not Detected	0.17	Not Detected
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-5

Lab ID#: 1011183A-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111519**	**Date of Collection: 11/2/10 8:20:00 AM**	
Dil. Factor:	**1.58**	**Date of Analysis: 11/16/10 10:12 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.79	Not Detected	2.0	Not Detected
1,1-Dichloroethene	0.79	Not Detected	3.1	Not Detected
1,1-Dichloroethane	0.79	Not Detected	3.2	Not Detected
cis-1,2-Dichloroethene	0.79	Not Detected	3.1	Not Detected
1,1,1-Trichloroethane	0.79	Not Detected	4.3	Not Detected
Benzene	0.79	Not Detected	2.5	Not Detected
Toluene	0.79	Not Detected	3.0	Not Detected
Tetrachloroethene	0.79	Not Detected	5.4	Not Detected
Ethyl Benzene	0.79	Not Detected	3.4	Not Detected
m,p-Xylene	0.79	Not Detected	3.4	Not Detected
o-Xylene	0.79	Not Detected	3.4	Not Detected
1,1,2,2-Tetrachloroethane	0.79	Not Detected	5.4	Not Detected
trans-1,2-Dichloroethene	0.79	Not Detected	3.1	Not Detected
Methyl tert-butyl ether	0.79	Not Detected	2.8	Not Detected
Freon 12	0.79	Not Detected	3.9	Not Detected
Freon 114	0.79	Not Detected	5.5	Not Detected
Chloromethane	0.79	0.82	1.6	1.7
1,3-Butadiene	0.79	Not Detected	1.7	Not Detected
Bromomethane	0.79	Not Detected	3.1	Not Detected
Chloroethane	0.79	Not Detected	2.1	Not Detected
Freon 11	0.79	Not Detected	4.4	Not Detected
Ethanol	3.2	3.1 J	6.0	5.8 J
Freon 113	0.79	Not Detected	6.0	Not Detected
Acetone	3.2	4.5	7.5	11
2-Propanol	3.2	Not Detected	7.8	Not Detected
Carbon Disulfide	3.2	Not Detected	9.8	Not Detected
Methylene Chloride	0.79	Not Detected	2.7	Not Detected
Hexane	0.79	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.79	Not Detected	2.3	Not Detected
Tetrahydrofuran	3.2	Not Detected	9.3	Not Detected
Cyclohexane	0.79	Not Detected	2.7	Not Detected
Carbon Tetrachloride	0.79	Not Detected	5.0	Not Detected
Heptane	0.79	Not Detected	3.2	Not Detected
1,2-Dichloropropane	0.79	Not Detected	3.6	Not Detected
1,4-Dioxane	0.79	Not Detected	2.8	Not Detected
Bromodichloromethane	0.79	Not Detected	5.3	Not Detected
cis-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.79	Not Detected	3.2	Not Detected
trans-1,3-Dichloropropene	0.79	Not Detected	3.6	Not Detected
2-Hexanone	3.2	Not Detected	13	Not Detected
Dibromochloromethane	0.79	Not Detected	6.7	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-5

Lab ID#: 1011183A-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111519**	**Date of Collection: 11/2/10 8:20:00 AM**	
Dil. Factor:	**1.58**	**Date of Analysis: 11/16/10 10:12 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.79	Not Detected	6.1	Not Detected
Chlorobenzene	0.79	Not Detected	3.6	Not Detected
Styrene	0.79	Not Detected	3.4	Not Detected
Bromoform	0.79	Not Detected	8.2	Not Detected
Cumene	0.79	Not Detected	3.9	Not Detected
Propylbenzene	0.79	Not Detected	3.9	Not Detected
4-Ethyltoluene	0.79	Not Detected	3.9	Not Detected
1,3,5-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,2,4-Trimethylbenzene	0.79	Not Detected	3.9	Not Detected
1,3-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.79	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.79	Not Detected	4.1	Not Detected
1,2-Dichlorobenzene	0.79	Not Detected	4.7	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	23	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-5

Lab ID#: 1011183A-05B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111519sim**	**Date of Collection: 11/2/10 8:20:00 AM**	
Dil. Factor:	**1.58**	**Date of Analysis: 11/16/10 10:12 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.032	Not Detected	0.15	Not Detected
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	Not Detected	0.17	Not Detected
1,1,2-Trichloroethane	0.032	Not Detected	0.17	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-8

Lab ID#: 1011183A-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111520**	**Date of Collection: 11/2/10 8:21:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 10:47 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
Toluene	0.84	Not Detected	3.2	Not Detected
Tetrachloroethene	0.84	Not Detected	5.7	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	0.84	Not Detected	3.6	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected
Freon 12	0.84	Not Detected	4.2	Not Detected
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	Not Detected	1.7	Not Detected
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	Not Detected	4.7	Not Detected
Ethanol	3.4	Not Detected	6.3	Not Detected
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	3.4	5.3	8.0	13
2-Propanol	3.4	Not Detected	8.2	Not Detected
Carbon Disulfide	3.4	Not Detected	10	Not Detected
Methylene Chloride	0.84	Not Detected	2.9	Not Detected
Hexane	0.84	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.84	Not Detected	2.5	Not Detected
Tetrahydrofuran	3.4	Not Detected	9.9	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	3.4	Not Detected	14	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-8

Lab ID#: 1011183A-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111520**	**Date of Collection: 11/2/10 8:21:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 10:47 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-8

Lab ID#: 1011183A-06B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111520sim**	**Date of Collection: 11/2/10 8:21:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 10:47 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.034	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-1

Lab ID#: 1011183A-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111609**	**Date of Collection: 11/2/10 7:58:00 AM**	
Dil. Factor:	**1.61**	**Date of Analysis: 11/16/10 04:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.80	Not Detected	2.0	Not Detected
1,1-Dichloroethene	0.80	Not Detected	3.2	Not Detected
1,1-Dichloroethane	0.80	Not Detected	3.2	Not Detected
cis-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
1,1,1-Trichloroethane	0.80	Not Detected	4.4	Not Detected
Benzene	0.80	Not Detected	2.6	Not Detected
Toluene	0.80	Not Detected	3.0	Not Detected
Tetrachloroethene	0.80	Not Detected	5.5	Not Detected
Ethyl Benzene	0.80	Not Detected	3.5	Not Detected
m,p-Xylene	0.80	Not Detected	3.5	Not Detected
o-Xylene	0.80	Not Detected	3.5	Not Detected
1,1,2,2-Tetrachloroethane	0.80	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	0.80	Not Detected	3.2	Not Detected
Methyl tert-butyl ether	0.80	Not Detected	2.9	Not Detected
Freon 12	0.80	Not Detected	4.0	Not Detected
Freon 114	0.80	Not Detected	5.6	Not Detected
Chloromethane	0.80	0.85	1.7	1.8
1,3-Butadiene	0.80	Not Detected	1.8	Not Detected
Bromomethane	0.80	Not Detected	3.1	Not Detected
Chloroethane	0.80	Not Detected	2.1	Not Detected
Freon 11	0.80	Not Detected	4.5	Not Detected
Ethanol	3.2	6.4	6.1	12
Freon 113	0.80	Not Detected	6.2	Not Detected
Acetone	3.2	6.3	7.6	15
2-Propanol	3.2	Not Detected	7.9	Not Detected
Carbon Disulfide	3.2	Not Detected	10	Not Detected
Methylene Chloride	0.80	Not Detected	2.8	Not Detected
Hexane	0.80	Not Detected	2.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.80	Not Detected	2.4	Not Detected
Tetrahydrofuran	3.2	Not Detected	9.5	Not Detected
Cyclohexane	0.80	Not Detected	2.8	Not Detected
Carbon Tetrachloride	0.80	Not Detected	5.1	Not Detected
Heptane	0.80	Not Detected	3.3	Not Detected
1,2-Dichloropropane	0.80	Not Detected	3.7	Not Detected
1,4-Dioxane	0.80	Not Detected	2.9	Not Detected
Bromodichloromethane	0.80	Not Detected	5.4	Not Detected
cis-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
4-Methyl-2-pentanone	0.80	Not Detected	3.3	Not Detected
trans-1,3-Dichloropropene	0.80	Not Detected	3.6	Not Detected
2-Hexanone	3.2	Not Detected	13	Not Detected
Dibromochloromethane	0.80	Not Detected	6.8	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-1

Lab ID#: 1011183A-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111609**	**Date of Collection: 11/2/10 7:58:00 AM**	
Dil. Factor:	**1.61**	**Date of Analysis: 11/16/10 04:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.80	Not Detected	6.2	Not Detected
Chlorobenzene	0.80	Not Detected	3.7	Not Detected
Styrene	0.80	Not Detected	3.4	Not Detected
Bromoform	0.80	Not Detected	8.3	Not Detected
Cumene	0.80	Not Detected	4.0	Not Detected
Propylbenzene	0.80	Not Detected	4.0	Not Detected
4-Ethyltoluene	0.80	Not Detected	4.0	Not Detected
1,3,5-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,2,4-Trimethylbenzene	0.80	Not Detected	4.0	Not Detected
1,3-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,4-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
alpha-Chlorotoluene	0.80	Not Detected	4.2	Not Detected
1,2-Dichlorobenzene	0.80	Not Detected	4.8	Not Detected
1,2,4-Trichlorobenzene	3.2	Not Detected	24	Not Detected
Hexachlorobutadiene	3.2	Not Detected	34	Not Detected

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	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-1

Lab ID#: 1011183A-07B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111609sim**	**Date of Collection: 11/2/10 7:58:00 AM**	
Dil. Factor:	**1.61**	**Date of Analysis: 11/16/10 04:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.032	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	Not Detected	0.17	Not Detected
1,1,2-Trichloroethane	0.032	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-6

Lab ID#: 1011183A-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111610**	**Date of Collection:**	**11/2/10 7:53:00 AM**
Dil. Factor:	**1.68**	**Date of Analysis:**	**11/16/10 05:13 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
Toluene	0.84	Not Detected	3.2	Not Detected
Tetrachloroethene	0.84	Not Detected	5.7	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	0.84	Not Detected	3.6	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected
Freon 12	0.84	Not Detected	4.2	Not Detected
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	1.7	1.7	3.6
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	Not Detected	4.7	Not Detected
Ethanol	3.4	3.8	6.3	7.1
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	3.4	6.8	8.0	16
2-Propanol	3.4	Not Detected	8.2	Not Detected
Carbon Disulfide	3.4	Not Detected	10	Not Detected
Methylene Chloride	0.84	1.9	2.9	6.7
Hexane	0.84	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.84	1.2	2.5	3.7
Tetrahydrofuran	3.4	Not Detected	9.9	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	3.4	Not Detected	14	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-6

Lab ID#: 1011183A-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111610**	**Date of Collection: 11/2/10 7:53:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 05:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-6

Lab ID#: 1011183A-08B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111610sim**	**Date of Collection: 11/2/10 7:53:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 05:13 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.034	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-9

Lab ID#: 1011183A-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111611**	**Date of Collection:**	**11/2/10 8:23:00 AM**
Dil. Factor:	**1.68**	**Date of Analysis:**	**11/16/10 06:04 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
Toluene	0.84	Not Detected	3.2	Not Detected
Tetrachloroethene	0.84	Not Detected	5.7	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	0.84	Not Detected	3.6	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected
Freon 12	0.84	Not Detected	4.2	Not Detected
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	1.5	1.7	3.1
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	Not Detected	4.7	Not Detected
Ethanol	3.4	3.6	6.3	6.8
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	3.4	5.5	8.0	13
2-Propanol	3.4	Not Detected	8.2	Not Detected
Carbon Disulfide	3.4	Not Detected	10	Not Detected
Methylene Chloride	0.84	1.9	2.9	6.8
Hexane	0.84	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.84	1.2	2.5	3.7
Tetrahydrofuran	3.4	Not Detected	9.9	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	3.4	Not Detected	14	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-9

Lab ID#: 1011183A-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111611**	**Date of Collection: 11/2/10 8:23:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 06:04 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	86	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-9

Lab ID#: 1011183A-09B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111611sim**	**Date of Collection: 11/2/10 8:23:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 06:04 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.034	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	91	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-Dup

Lab ID#: 1011183A-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111612**	**Date of Collection: 11/2/10 7:59:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 06:56 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
Toluene	0.84	Not Detected	3.2	Not Detected
Tetrachloroethene	0.84	Not Detected	5.7	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	0.84	Not Detected	3.6	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected
Freon 12	0.84	Not Detected	4.2	Not Detected
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	1.7	1.7	3.4
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	Not Detected	4.7	Not Detected
Ethanol	3.4	3.7	6.3	6.9
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	3.4	7.3	8.0	17
2-Propanol	3.4	Not Detected	8.2	Not Detected
Carbon Disulfide	3.4	Not Detected	10	Not Detected
Methylene Chloride	0.84	1.6	2.9	5.7
Hexane	0.84	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.84	1.4	2.5	4.2
Tetrahydrofuran	3.4	Not Detected	9.9	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	3.4	Not Detected	14	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-Dup

Lab ID#: 1011183A-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111612**	**Date of Collection: 11/2/10 7:59:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 06:56 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	92	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-Dup

Lab ID#: 1011183A-10B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111612sim**	**Date of Collection: 11/2/10 7:59:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/16/10 06:56 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.034	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	94	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011183A-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111505a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 01:54 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
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
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	0.50	Not Detected	1.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	2.0	Not Detected	5.9	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	0.50	Not Detected	1.8	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011183A-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111505a**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 01:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	90	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011183A-11B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111505asim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 01:54 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.020	Not Detected	0.098	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	93	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011183A-11C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111608**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 03:20 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
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
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	0.50	Not Detected	1.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	2.0	Not Detected	5.9	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	0.50	Not Detected	1.8	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011183A-11C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111608**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 03:20 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	91	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011183A-11D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111608sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 03:20 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.020	Not Detected	0.098	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	95	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011183A-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 11:21 AM**	

Compound	%Recovery
Vinyl Chloride	106
1,1-Dichloroethene	104
1,1-Dichloroethane	106
cis-1,2-Dichloroethene	98
1,1,1-Trichloroethane	105
Benzene	96
Toluene	96
Tetrachloroethene	93
Ethyl Benzene	95
m,p-Xylene	94
o-Xylene	93
1,1,2,2-Tetrachloroethane	96
trans-1,2-Dichloroethene	100
Methyl tert-butyl ether	106
Freon 12	114
Freon 114	110
Chloromethane	110
1,3-Butadiene	108
Bromomethane	125
Chloroethane	125
Freon 11	97
Ethanol	104
Freon 113	99
Acetone	109
2-Propanol	96
Carbon Disulfide	108
Methylene Chloride	101
Hexane	105
2-Butanone (Methyl Ethyl Ketone)	104
Tetrahydrofuran	113
Cyclohexane	100
Carbon Tetrachloride	102
Heptane	98
1,2-Dichloropropane	98
1,4-Dioxane	93
Bromodichloromethane	103
cis-1,3-Dichloropropene	99
4-Methyl-2-pentanone	101
trans-1,3-Dichloropropene	100
2-Hexanone	104
Dibromochloromethane	100

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011183A-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111502**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 11:21 AM**	

Compound	%Recovery
1,2-Dibromoethane (EDB)	100
Chlorobenzene	96
Styrene	87
Bromoform	101
Cumene	93
Propylbenzene	95
4-Ethyltoluene	92
1,3,5-Trimethylbenzene	92
1,2,4-Trimethylbenzene	88
1,3-Dichlorobenzene	92
1,4-Dichlorobenzene	88
alpha-Chlorotoluene	100
1,2-Dichlorobenzene	90
1,2,4-Trichlorobenzene	90
Hexachlorobutadiene	91

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011183A-12B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111502sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 11:21 AM**	

Compound	%Recovery
Chloroform	105
1,2-Dichloroethane	104
Trichloroethene	93
1,1,2-Trichloroethane	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011183A-12C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 12:05 PM**	

Compound	%Recovery
Vinyl Chloride	94
1,1-Dichloroethene	97
1,1-Dichloroethane	93
cis-1,2-Dichloroethene	90
1,1,1-Trichloroethane	94
Benzene	90
Toluene	89
Tetrachloroethene	93
Ethyl Benzene	92
m,p-Xylene	90
o-Xylene	88
1,1,2,2-Tetrachloroethane	90
trans-1,2-Dichloroethene	92
Methyl tert-butyl ether	96
Freon 12	99
Freon 114	98
Chloromethane	97
1,3-Butadiene	95
Bromomethane	93
Chloroethane	110
Freon 11	93
Ethanol	93
Freon 113	95
Acetone	98
2-Propanol	102
Carbon Disulfide	100
Methylene Chloride	95
Hexane	92
2-Butanone (Methyl Ethyl Ketone)	92
Tetrahydrofuran	100
Cyclohexane	91
Carbon Tetrachloride	95
Heptane	91
1,2-Dichloropropane	92
1,4-Dioxane	88
Bromodichloromethane	97
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	93
trans-1,3-Dichloropropene	96
2-Hexanone	98
Dibromochloromethane	100

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011183A-12C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111603**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 12:05 PM**	

Compound	%Recovery
1,2-Dibromoethane (EDB)	99
Chlorobenzene	92
Styrene	82
Bromoform	99
Cumene	89
Propylbenzene	88
4-Ethyltoluene	88
1,3,5-Trimethylbenzene	88
1,2,4-Trimethylbenzene	85
1,3-Dichlorobenzene	86
1,4-Dichlorobenzene	80
alpha-Chlorotoluene	93
1,2-Dichlorobenzene	83
1,2,4-Trichlorobenzene	86
Hexachlorobutadiene	82

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011183A-12D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111603sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 12:05 PM**	

Compound	%Recovery
Chloroform	96
1,2-Dichloroethane	98
Trichloroethene	89
1,1,2-Trichloroethane	97

Container Type: NA - Not Applicable

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

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011183A-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 12:13 PM**	

Compound	%Recovery
Vinyl Chloride	89
1,1-Dichloroethene	82
1,1-Dichloroethane	90
cis-1,2-Dichloroethene	84
1,1,1-Trichloroethane	90
Benzene	87
Toluene	83
Tetrachloroethene	86
Ethyl Benzene	89
m,p-Xylene	88
o-Xylene	86
1,1,2,2-Tetrachloroethane	90
trans-1,2-Dichloroethene	90
Methyl tert-butyl ether	93
Freon 12	97
Freon 114	92
Chloromethane	92
1,3-Butadiene	90
Bromomethane	96
Chloroethane	109
Freon 11	90
Ethanol	78
Freon 113	81
Acetone	93
2-Propanol	82
Carbon Disulfide	100
Methylene Chloride	84
Hexane	90
2-Butanone (Methyl Ethyl Ketone)	90
Tetrahydrofuran	98
Cyclohexane	88
Carbon Tetrachloride	93
Heptane	89
1,2-Dichloropropane	89
1,4-Dioxane	84
Bromodichloromethane	94
cis-1,3-Dichloropropene	90
4-Methyl-2-pentanone	89
trans-1,3-Dichloropropene	92
2-Hexanone	94
Dibromochloromethane	95

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011183A-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111503**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 12:13 PM**	

Compound	%Recovery
1,2-Dibromoethane (EDB)	97
Chlorobenzene	89
Styrene	79
Bromoform	93
Cumene	85
Propylbenzene	87
4-Ethyltoluene	84
1,3,5-Trimethylbenzene	84
1,2,4-Trimethylbenzene	81
1,3-Dichlorobenzene	84
1,4-Dichlorobenzene	80
alpha-Chlorotoluene	75
1,2-Dichlorobenzene	82
1,2,4-Trichlorobenzene	75
Hexachlorobutadiene	78

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011183A-13AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 12:48 PM**	

Compound	%Recovery
Vinyl Chloride	88
1,1-Dichloroethene	84
1,1-Dichloroethane	89
cis-1,2-Dichloroethene	87
1,1,1-Trichloroethane	90
Benzene	91
Toluene	86
Tetrachloroethene	89
Ethyl Benzene	91
m,p-Xylene	90
o-Xylene	88
1,1,2,2-Tetrachloroethane	92
trans-1,2-Dichloroethene	91
Methyl tert-butyl ether	95
Freon 12	97
Freon 114	93
Chloromethane	92
1,3-Butadiene	91
Bromomethane	98
Chloroethane	112
Freon 11	91
Ethanol	80
Freon 113	81
Acetone	96
2-Propanol	96
Carbon Disulfide	101
Methylene Chloride	86
Hexane	92
2-Butanone (Methyl Ethyl Ketone)	90
Tetrahydrofuran	100
Cyclohexane	89
Carbon Tetrachloride	94
Heptane	91
1,2-Dichloropropane	92
1,4-Dioxane	85
Bromodichloromethane	97
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	92
trans-1,3-Dichloropropene	96
2-Hexanone	95
Dibromochloromethane	97

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011183A-13AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111504**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 12:48 PM**	

Compound	%Recovery
1,2-Dibromoethane (EDB)	98
Chlorobenzene	91
Styrene	83
Bromoform	96
Cumene	88
Propylbenzene	88
4-Ethyltoluene	87
1,3,5-Trimethylbenzene	87
1,2,4-Trimethylbenzene	85
1,3-Dichlorobenzene	88
1,4-Dichlorobenzene	83
alpha-Chlorotoluene	79
1,2-Dichlorobenzene	85
1,2,4-Trichlorobenzene	83
Hexachlorobutadiene	84

Container Type: NA - Not Applicable

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

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011183A-13B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111503sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 12:13 PM**	

Compound	%Recovery
Chloroform	97
1,2-Dichloroethane	92
Trichloroethene	85
1,1,2-Trichloroethane	92

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011183A-13BB

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111504sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/15/10 12:48 PM**	

Compound	%Recovery
Chloroform	98
1,2-Dichloroethane	94
Trichloroethene	87
1,1,2-Trichloroethane	94

Container Type: NA - Not Applicable

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

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011183A-13C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 01:23 PM**	

Compound	%Recovery
Vinyl Chloride	88
1,1-Dichloroethene	81
1,1-Dichloroethane	88
cis-1,2-Dichloroethene	84
1,1,1-Trichloroethane	90
Benzene	87
Toluene	81
Tetrachloroethene	85
Ethyl Benzene	87
m,p-Xylene	84
o-Xylene	82
1,1,2,2-Tetrachloroethane	88
trans-1,2-Dichloroethene	86
Methyl tert-butyl ether	93
Freon 12	96
Freon 114	92
Chloromethane	92
1,3-Butadiene	88
Bromomethane	92
Chloroethane	108
Freon 11	90
Ethanol	78
Freon 113	81
Acetone	92
2-Propanol	96
Carbon Disulfide	97
Methylene Chloride	86
Hexane	91
2-Butanone (Methyl Ethyl Ketone)	90
Tetrahydrofuran	96
Cyclohexane	87
Carbon Tetrachloride	91
Heptane	87
1,2-Dichloropropane	87
1,4-Dioxane	81
Bromodichloromethane	91
cis-1,3-Dichloropropene	88
4-Methyl-2-pentanone	87
trans-1,3-Dichloropropene	91
2-Hexanone	92
Dibromochloromethane	93

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011183A-13C

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111605**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 01:23 PM**	

Compound	%Recovery
1,2-Dibromoethane (EDB)	94
Chlorobenzene	87
Styrene	76
Bromoform	92
Cumene	81
Propylbenzene	81
4-Ethyltoluene	81
1,3,5-Trimethylbenzene	80
1,2,4-Trimethylbenzene	77
1,3-Dichlorobenzene	80
1,4-Dichlorobenzene	76
alpha-Chlorotoluene	72
1,2-Dichlorobenzene	79
1,2,4-Trichlorobenzene	73
Hexachlorobutadiene	73

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011183A-13CC

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 01:58 PM**	

Compound	%Recovery
Vinyl Chloride	89
1,1-Dichloroethene	81
1,1-Dichloroethane	88
cis-1,2-Dichloroethene	85
1,1,1-Trichloroethane	89
Benzene	84
Toluene	80
Tetrachloroethene	85
Ethyl Benzene	86
m,p-Xylene	83
o-Xylene	80
1,1,2,2-Tetrachloroethane	87
trans-1,2-Dichloroethene	88
Methyl tert-butyl ether	90
Freon 12	96
Freon 114	92
Chloromethane	93
1,3-Butadiene	89
Bromomethane	92
Chloroethane	110
Freon 11	90
Ethanol	79
Freon 113	79
Acetone	93
2-Propanol	81
Carbon Disulfide	99
Methylene Chloride	86
Hexane	88
2-Butanone (Methyl Ethyl Ketone)	88
Tetrahydrofuran	97
Cyclohexane	86
Carbon Tetrachloride	92
Heptane	87
1,2-Dichloropropane	86
1,4-Dioxane	80
Bromodichloromethane	90
cis-1,3-Dichloropropene	87
4-Methyl-2-pentanone	87
trans-1,3-Dichloropropene	90
2-Hexanone	90
Dibromochloromethane	92

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011183A-13CC

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111606**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 01:58 PM**	

Compound	%Recovery
1,2-Dibromoethane (EDB)	95
Chlorobenzene	87
Styrene	74
Bromoform	92
Cumene	81
Propylbenzene	82
4-Ethyltoluene	80
1,3,5-Trimethylbenzene	76
1,2,4-Trimethylbenzene	75
1,3-Dichlorobenzene	79
1,4-Dichlorobenzene	76
alpha-Chlorotoluene	73
1,2-Dichlorobenzene	78
1,2,4-Trichlorobenzene	72
Hexachlorobutadiene	76

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011183A-13D

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111605sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 01:23 PM**	

Compound	**%Recovery**
Chloroform	94
1,2-Dichloroethane	90
Trichloroethene	83
1,1,2-Trichloroethane	91

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011183A-13DD

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**a111606sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/16/10 01:58 PM**	

Compound	%Recovery
Chloroform	93
1,2-Dichloroethane	91
Trichloroethene	82
1,1,2-Trichloroethane	90

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

11/19/2010
Mr. Tristan Hardy
The Johnson Company
100 State Street

Montpelier VT 05602

Project Name: (Avery-Georgia) AD-GA
Project #: 1-0145-4
Workorder #: 1011183B

Dear Mr. Tristan Hardy

The following report includes the data for the above referenced project for sample(s) received on 11/8/2010 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 Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. 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

Air Toxics LTD.
Laboratory Services Since 1989

WORK ORDER #: 1011183B

Work Order Summary

CLIENT:	Mr. Tristan Hardy The Johnson Company 100 State Street Montpelier, VT 05602	**BILL TO:**	Mr. Tristan Hardy The Johnson Company 100 State Street Montpelier, VT 05602
PHONE:		**P.O. #**	
FAX:		**PROJECT #**	1-0145-4 (Avery-Georgia) AD-GA
DATE RECEIVED:	11/08/2010	**CONTACT:**	Ausha Scott
DATE COMPLETED:	11/19/2010		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
11A	AS-10	Modified TO-15	7.0 "Hg	5 psi
11B	AS-10	Modified TO-15	7.0 "Hg	5 psi
12A	AS-11	Modified TO-15	6.0 "Hg	5 psi
12B	AS-11	Modified TO-15	6.0 "Hg	5 psi
13A	Trip Blank	Modified TO-15	28.0 "Hg	5 psi
13B	Trip Blank	Modified TO-15	28.0 "Hg	5 psi
14A	Lab Blank	Modified TO-15	NA	NA
14B	Lab Blank	Modified TO-15	NA	NA
15A	CCV	Modified TO-15	NA	NA
15B	CCV	Modified TO-15	NA	NA
16A	LCS	Modified TO-15	NA	NA
16AA	LCSD	Modified TO-15	NA	NA
16B	LCS	Modified TO-15	NA	NA
16BB	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: Linda D. Frumarn DATE: 11/19/10

Laboratory Director

Certfication numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719
Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11
Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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

LABORATORY NARRATIVE
Modified TO-15 Full Scan/SIM
The Johnson Company
Workorder# 1011183B

Three 6 Liter Summa Canister (SIM Certified) samples were received on November 08, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the Full Scan and SIM acquisition modes. The method involves concentrating up to 1.0 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

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	</=30% RSD with 2 compounds allowed out to < 40% RSD	For Full Scan: 30% RSD with 4 compounds allowed out to < 40% RSD For SIM: Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+- 30% Difference	For Full Scan: </= 30% Difference with four allowed out up to </=40%.; flag and narrate outliers For SIM: Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=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

The results for each sample in this report were acquired from two separate data files originating from the same analytical run. The two data files have the same base file name and are differentiated with a "sim" extension on the SIM data file.

All Quality Control Limit exceedences and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page. Target compound non-detects in the samples that are associated with high bias in QC analyses have not been flagged.

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.

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

Air Toxics LTD.
Laboratory Services Since 1989

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

Client Sample ID: AS-10

Lab ID#: 1011183B-11A

No Detections Were Found.

Client Sample ID: AS-10

Lab ID#: 1011183B-11B

No Detections Were Found.

Client Sample ID: AS-11

Lab ID#: 1011183B-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Acetone	3.4	4.8	8.0	11

Client Sample ID: AS-11

Lab ID#: 1011183B-12B

No Detections Were Found.

Client Sample ID: Trip Blank

Lab ID#: 1011183B-13A

No Detections Were Found.

Client Sample ID: Trip Blank

Lab ID#: 1011183B-13B

No Detections Were Found.

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-10

Lab ID#: 1011183B-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111018**	**Date of Collection: 11/2/10 7:36:00 AM**	
Dil. Factor:	**1.75**	**Date of Analysis: 11/10/10 11:04 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.88	Not Detected	2.2	Not Detected
1,1-Dichloroethene	0.88	Not Detected	3.5	Not Detected
1,1-Dichloroethane	0.88	Not Detected	3.5	Not Detected
cis-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
1,1,1-Trichloroethane	0.88	Not Detected	4.8	Not Detected
Benzene	0.88	Not Detected	2.8	Not Detected
Toluene	0.88	Not Detected	3.3	Not Detected
Tetrachloroethene	0.88	Not Detected	5.9	Not Detected
Ethyl Benzene	0.88	Not Detected	3.8	Not Detected
m,p-Xylene	0.88	Not Detected	3.8	Not Detected
o-Xylene	0.88	Not Detected	3.8	Not Detected
1,1,2,2-Tetrachloroethane	0.88	Not Detected	6.0	Not Detected
trans-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Methyl tert-butyl ether	0.88	Not Detected	3.2	Not Detected
Freon 12	0.88	Not Detected	4.3	Not Detected
Freon 114	0.88	Not Detected	6.1	Not Detected
Chloromethane	0.88	Not Detected	1.8	Not Detected
1,3-Butadiene	0.88	Not Detected	1.9	Not Detected
Bromomethane	0.88	Not Detected	3.4	Not Detected
Chloroethane	0.88	Not Detected	2.3	Not Detected
Freon 11	0.88	Not Detected	4.9	Not Detected
Ethanol	3.5	Not Detected	6.6	Not Detected
Freon 113	0.88	Not Detected	6.7	Not Detected
Acetone	3.5	Not Detected	8.3	Not Detected
2-Propanol	3.5	Not Detected	8.6	Not Detected
Carbon Disulfide	3.5	Not Detected	11	Not Detected
Methylene Chloride	0.88	Not Detected	3.0	Not Detected
Hexane	0.88	Not Detected	3.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.88	Not Detected	2.6	Not Detected
Tetrahydrofuran	3.5	Not Detected	10	Not Detected
Cyclohexane	0.88	Not Detected	3.0	Not Detected
Carbon Tetrachloride	0.88	Not Detected	5.5	Not Detected
Heptane	0.88	Not Detected	3.6	Not Detected
1,2-Dichloropropane	0.88	Not Detected	4.0	Not Detected
1,4-Dioxane	0.88	Not Detected	3.2	Not Detected
Bromodichloromethane	0.88	Not Detected	5.9	Not Detected
cis-1,3-Dichloropropene	0.88	Not Detected	4.0	Not Detected
4-Methyl-2-pentanone	0.88	Not Detected	3.6	Not Detected
trans-1,3-Dichloropropene	0.88	Not Detected	4.0	Not Detected
2-Hexanone	3.5	Not Detected	14	Not Detected
Dibromochloromethane	0.88	Not Detected	7.4	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-10

Lab ID#: 1011183B-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111018**	**Date of Collection: 11/2/10 7:36:00 AM**	
Dil. Factor:	**1.75**	**Date of Analysis: 11/10/10 11:04 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.88	Not Detected	6.7	Not Detected
Chlorobenzene	0.88	Not Detected	4.0	Not Detected
Styrene	0.88	Not Detected	3.7	Not Detected
Bromoform	0.88	Not Detected	9.0	Not Detected
Cumene	0.88	Not Detected	4.3	Not Detected
Propylbenzene	0.88	Not Detected	4.3	Not Detected
4-Ethyltoluene	0.88	Not Detected	4.3	Not Detected
1,3,5-Trimethylbenzene	0.88	Not Detected	4.3	Not Detected
1,2,4-Trimethylbenzene	0.88	Not Detected	4.3	Not Detected
1,3-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
1,4-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
alpha-Chlorotoluene	0.88	Not Detected	4.5	Not Detected
1,2-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
1,2,4-Trichlorobenzene	3.5	Not Detected	26	Not Detected
Hexachlorobutadiene	3.5	Not Detected	37	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-10

Lab ID#: 1011183B-11B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111018sim**	**Date of Collection: 11/2/10 7:36:00 AM**	
Dil. Factor:	**1.75**	**Date of Analysis: 11/10/10 11:04 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.035	Not Detected	0.17	Not Detected
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
1,1,2-Trichloroethane	0.035	Not Detected	0.19	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-11

Lab ID#: 1011183B-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111019**	**Date of Collection: 11/2/10 6:35:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/10/10 11:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.84	Not Detected	2.1	Not Detected
1,1-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1-Dichloroethane	0.84	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
1,1,1-Trichloroethane	0.84	Not Detected	4.6	Not Detected
Benzene	0.84	Not Detected	2.7	Not Detected
Toluene	0.84	Not Detected	3.2	Not Detected
Tetrachloroethene	0.84	Not Detected	5.7	Not Detected
Ethyl Benzene	0.84	Not Detected	3.6	Not Detected
m,p-Xylene	0.84	Not Detected	3.6	Not Detected
o-Xylene	0.84	Not Detected	3.6	Not Detected
1,1,2,2-Tetrachloroethane	0.84	Not Detected	5.8	Not Detected
trans-1,2-Dichloroethene	0.84	Not Detected	3.3	Not Detected
Methyl tert-butyl ether	0.84	Not Detected	3.0	Not Detected
Freon 12	0.84	Not Detected	4.2	Not Detected
Freon 114	0.84	Not Detected	5.9	Not Detected
Chloromethane	0.84	Not Detected	1.7	Not Detected
1,3-Butadiene	0.84	Not Detected	1.8	Not Detected
Bromomethane	0.84	Not Detected	3.3	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.84	Not Detected	4.7	Not Detected
Ethanol	3.4	Not Detected	6.3	Not Detected
Freon 113	0.84	Not Detected	6.4	Not Detected
Acetone	3.4	4.8	8.0	11
2-Propanol	3.4	Not Detected	8.2	Not Detected
Carbon Disulfide	3.4	Not Detected	10	Not Detected
Methylene Chloride	0.84	Not Detected	2.9	Not Detected
Hexane	0.84	Not Detected	3.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.84	Not Detected	2.5	Not Detected
Tetrahydrofuran	3.4	Not Detected	9.9	Not Detected
Cyclohexane	0.84	Not Detected	2.9	Not Detected
Carbon Tetrachloride	0.84	Not Detected	5.3	Not Detected
Heptane	0.84	Not Detected	3.4	Not Detected
1,2-Dichloropropane	0.84	Not Detected	3.9	Not Detected
1,4-Dioxane	0.84	Not Detected	3.0	Not Detected
Bromodichloromethane	0.84	Not Detected	5.6	Not Detected
cis-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
4-Methyl-2-pentanone	0.84	Not Detected	3.4	Not Detected
trans-1,3-Dichloropropene	0.84	Not Detected	3.8	Not Detected
2-Hexanone	3.4	Not Detected	14	Not Detected
Dibromochloromethane	0.84	Not Detected	7.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-11

Lab ID#: 1011183B-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111019**	**Date of Collection: 11/2/10 6:35:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/10/10 11:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.84	Not Detected	6.4	Not Detected
Chlorobenzene	0.84	Not Detected	3.9	Not Detected
Styrene	0.84	Not Detected	3.6	Not Detected
Bromoform	0.84	Not Detected	8.7	Not Detected
Cumene	0.84	Not Detected	4.1	Not Detected
Propylbenzene	0.84	Not Detected	4.1	Not Detected
4-Ethyltoluene	0.84	Not Detected	4.1	Not Detected
1,3,5-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,2,4-Trimethylbenzene	0.84	Not Detected	4.1	Not Detected
1,3-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,4-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
alpha-Chlorotoluene	0.84	Not Detected	4.3	Not Detected
1,2-Dichlorobenzene	0.84	Not Detected	5.0	Not Detected
1,2,4-Trichlorobenzene	3.4	Not Detected	25	Not Detected
Hexachlorobutadiene	3.4	Not Detected	36	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: AS-11

Lab ID#: 1011183B-12B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111019sim**	**Date of Collection: 11/2/10 6:35:00 AM**	
Dil. Factor:	**1.68**	**Date of Analysis: 11/10/10 11:49 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.034	Not Detected	0.16	Not Detected
1,2-Dichloroethane	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
1,1,2-Trichloroethane	0.034	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Trip Blank

Lab ID#: 1011183B-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111020**	**Date of Collection: 10/27/10**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/11/10 12:35 AM**	

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
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
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	0.50	Not Detected	1.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	2.0	Not Detected	5.9	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	0.50	Not Detected	1.8	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Trip Blank

Lab ID#: 1011183B-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111020**	**Date of Collection: 10/27/10**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/11/10 12:35 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	126	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	96	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Trip Blank

Lab ID#: 1011183B-13B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111020sim**	**Date of Collection: 10/27/10**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/11/10 12:35 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.020	Not Detected	0.098	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	126	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	98	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011183B-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 12:42 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
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
Benzene	0.50	Not Detected	1.6	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	0.50	Not Detected	1.0	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
Tetrahydrofuran	2.0	Not Detected	5.9	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	0.50	Not Detected	1.8	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011183B-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 12:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: Lab Blank

Lab ID#: 1011183B-14B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111008sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 12:42 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Chloroform	0.020	Not Detected	0.098	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
1,1,2-Trichloroethane	0.020	Not Detected	0.11	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	99	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011183B-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 09:00 AM**	

Compound	%Recovery
Vinyl Chloride	107
1,1-Dichloroethene	92
1,1-Dichloroethane	105
cis-1,2-Dichloroethene	93
1,1,1-Trichloroethane	99
Benzene	96
Toluene	92
Tetrachloroethene	89
Ethyl Benzene	91
m,p-Xylene	90
o-Xylene	91
1,1,2,2-Tetrachloroethane	99
trans-1,2-Dichloroethene	90
Methyl tert-butyl ether	97
Freon 12	105
Freon 114	98
Chloromethane	124
1,3-Butadiene	110
Bromomethane	98
Chloroethane	90
Freon 11	103
Ethanol	133 Q
Freon 113	97
Acetone	109
2-Propanol	126
Carbon Disulfide	97
Methylene Chloride	91
Hexane	109
2-Butanone (Methyl Ethyl Ketone)	92
Tetrahydrofuran	131 Q
Cyclohexane	92
Carbon Tetrachloride	111
Heptane	113
1,2-Dichloropropane	101
1,4-Dioxane	86
Bromodichloromethane	104
cis-1,3-Dichloropropene	95
4-Methyl-2-pentanone	127
trans-1,3-Dichloropropene	96
2-Hexanone	100
Dibromochloromethane	94

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011183B-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 09:00 AM**	

Compound	%Recovery
1,2-Dibromoethane (EDB)	93
Chlorobenzene	91
Styrene	87
Bromoform	96
Cumene	94
Propylbenzene	96
4-Ethyltoluene	98
1,3,5-Trimethylbenzene	91
1,2,4-Trimethylbenzene	94
1,3-Dichlorobenzene	82
1,4-Dichlorobenzene	86
alpha-Chlorotoluene	94
1,2-Dichlorobenzene	88
1,2,4-Trichlorobenzene	100
Hexachlorobutadiene	99

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: CCV

Lab ID#: 1011183B-15B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111004sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 09:00 AM**	

Compound	%Recovery
Chloroform	98
1,2-Dichloroethane	118
Trichloroethene	84
1,1,2-Trichloroethane	89

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011183B-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 09:48 AM**	

Compound	%Recovery
Vinyl Chloride	104
1,1-Dichloroethene	81
1,1-Dichloroethane	98
cis-1,2-Dichloroethene	88
1,1,1-Trichloroethane	96
Benzene	94
Toluene	85
Tetrachloroethene	85
Ethyl Benzene	90
m,p-Xylene	89
o-Xylene	88
1,1,2,2-Tetrachloroethane	97
trans-1,2-Dichloroethene	88
Methyl tert-butyl ether	92
Freon 12	102
Freon 114	93
Chloromethane	119
1,3-Butadiene	108
Bromomethane	97
Chloroethane	89
Freon 11	100
Ethanol	115
Freon 113	84
Acetone	102
2-Propanol	118
Carbon Disulfide	94
Methylene Chloride	81
Hexane	105
2-Butanone (Methyl Ethyl Ketone)	87
Tetrahydrofuran	130
Cyclohexane	88
Carbon Tetrachloride	102
Heptane	110
1,2-Dichloropropane	100
1,4-Dioxane	89
Bromodichloromethane	101
cis-1,3-Dichloropropene	92
4-Methyl-2-pentanone	123
trans-1,3-Dichloropropene	91
2-Hexanone	98
Dibromochloromethane	92

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011183B-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 09:48 AM**	

Compound	%Recovery
1,2-Dibromoethane (EDB)	93
Chlorobenzene	90
Styrene	85
Bromoform	91
Cumene	89
Propylbenzene	92
4-Ethyltoluene	95
1,3,5-Trimethylbenzene	90
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	79
1,4-Dichlorobenzene	84
alpha-Chlorotoluene	86
1,2-Dichlorobenzene	85
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	120	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011183B-16AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 10:35 AM**	

Compound	%Recovery
Vinyl Chloride	105
1,1-Dichloroethene	81
1,1-Dichloroethane	99
cis-1,2-Dichloroethene	87
1,1,1-Trichloroethane	97
Benzene	92
Toluene	84
Tetrachloroethene	84
Ethyl Benzene	89
m,p-Xylene	87
o-Xylene	87
1,1,2,2-Tetrachloroethane	97
trans-1,2-Dichloroethene	88
Methyl tert-butyl ether	94
Freon 12	104
Freon 114	95
Chloromethane	125
1,3-Butadiene	112
Bromomethane	99
Chloroethane	91
Freon 11	104
Ethanol	118
Freon 113	86
Acetone	104
2-Propanol	122
Carbon Disulfide	95
Methylene Chloride	82
Hexane	106
2-Butanone (Methyl Ethyl Ketone)	87
Tetrahydrofuran	131
Cyclohexane	90
Carbon Tetrachloride	103
Heptane	110
1,2-Dichloropropane	100
1,4-Dioxane	87
Bromodichloromethane	102
cis-1,3-Dichloropropene	91
4-Methyl-2-pentanone	125
trans-1,3-Dichloropropene	90
2-Hexanone	97
Dibromochloromethane	92

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011183B-16AA

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 10:35 AM**	

Compound	%Recovery
1,2-Dibromoethane (EDB)	92
Chlorobenzene	90
Styrene	85
Bromoform	92
Cumene	89
Propylbenzene	91
4-Ethyltoluene	93
1,3,5-Trimethylbenzene	89
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	79
1,4-Dichlorobenzene	83
alpha-Chlorotoluene	85
1,2-Dichlorobenzene	85
1,2,4-Trichlorobenzene	92
Hexachlorobutadiene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	124	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCS

Lab ID#: 1011183B-16B

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111005sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 09:48 AM**	

Compound	%Recovery
Chloroform	93
1,2-Dichloroethane	114
Trichloroethene	82
1,1,2-Trichloroethane	86

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	102	70-130

Air Toxics LTD.
Laboratory Services Since 1989

Client Sample ID: LCSD

Lab ID#: 1011183B-16BB

MODIFIED EPA METHOD TO-15 GC/MS SIM/FULL SCAN

File Name:	**e111006sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 11/10/10 10:35 AM**	

Compound	**%Recovery**
Chloroform	92
1,2-Dichloroethane	115
Trichloroethene	82
1,1,2-Trichloroethane	86

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	123	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	103	70-130