ARCADIS
Infrastructure, environment, facilities

ARCADIS
8 South River Road
Cranbury
New Jersey 08512
Tel 609.860.0590
Fax 609.860.0491
www.arcadis-us.com

James A. Moras
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D, 12th Floor
625 Broadway
Albany, NY 12233-7013

Environment

Subject:
2007 Annual Operations, Maintenance and Monitoring Report – OU-1 (Revised)
Former Dover Electronics Site, Kirkwood, Broome County, New York
NYSDEC Site No. 7-04-026

Date:
November 4, 2009

Contact:
Gregory Albright

Phone:
609.860.0590, ext. 217

Email:
Gregory.Albright@arcadis-us.com

Our ref:
NJ000616.K008

Dear Mr. Moras:

On behalf of Dover Corporation (Dover), ARCADIS of New York, Inc. (ARCADIS) has prepared this revised annual report regarding operations, maintenance, and monitoring (OM&M) for the soil operable unit (OU-1) at the former Dover Electronics site in Kirkwood, New York (Figures 1 and 2) that is presently occupied by Modern Marketing Concepts (MMC). The report presents summaries of indoor air sampling, operation of the active sub-slab depressurization (ASD) system, and inspection of the engineering controls associated with the environmental deed restriction for the period January 2007 through December 2007.

This report was held for submission while attempts were made during 2007 and 2008 by Universal Instruments Corporation (UIC) to locate the January 2007 ASD Operational Data Sheet that had been prepared by UIC.

OM&M REPORT

In accordance with the approved OM&M Work Plan (Final, October 2005), engineering and institutional controls at the site were checked monthly for the period January through December 2007. Operation of the ASD system was checked, the soil and asphalt caps placed over former excavation areas where residual PCE-affected soils above NYSDEC standards remain were checked and indoor air sampling was conducted. OU-1 areas covered by this report are shown on Figures 3 and 4.

There was no required maintenance activity performed with respect to OU-1 during the reporting period. Construction activities in OU-1 were conducted on the ASD system and included fan replacements and valve and manometer installations in December 2007 (described below in the section "Other").

Indoor Air Sampling

Indoor air sampling was conducted by ARCADIS on March 14, 2007 and August 29, 2007 as part of a semi-annual indoor air monitoring program. The indoor air sampling was conducted in accordance with the approved OM&M Plan (October 31, 2005) and Remedial Design Package (June 4, 2003). Indoor air samples are collected at 7 points within the facility building at locations where facility employees regularly work or where SSPL VOC vapors were detected in sub-slab samples. An outdoor background sampling point is located by the buildings HVAC air intakes.

These sampling points are labeled according to location. There are 4 sampling points in the main building; two sampling points in the primary cubicle area (Office #1 and Office #2) and two other points (Hallway and Cafeteria [former cafeteria for Universal Instruments Corporation, but now a work area]). There are 3 sampling points in the rear additions; one by the HVAC equipment (A/C Area), one by the electrical switch gear (Electrical Area) and one in the computer server room (Computer Servers). The sampling points are shown on Figure 4.

Air samples were collected in summa canisters and shipped to Columbia Analytical Laboratories (Simi Valley, California) for volatile organic compound (VOC) analysis by United States Environmental Protection Agency (USEPA) Method TO-15. The analytical results of the indoor air sampling events are summarized in Tables 1 and 2. Historical indoor air sampling results are presented in Table 3. A copy of the laboratory analytical results for the sampling events are provided in Attachments A and B.

ASD System Operation

The ASD system was checked once per month by Universal Instruments Corporation (UIC) personnel (January/February) and ARCADIS personnel (April through December) to verify that the system was running properly and that the equipment was in good condition. The ASD system was checked daily by MMC personnel to verify that it was operating.

The monthly checks indicated that the system is operating as designed and is running satisfactorily. There was no down time for the ASD system other than temporary shut downs of parts of the system during fan replacement. The partial ASD system shut downs did not exceed 4 hours. The Monthly Inspection Sheets are presented in Attachment C.

ASD system pressure readings during 2007 were consistent with system pressure data collected during 2006. The ASD Operational Data Sheets (March 2007 through December 2007) showing the monthly system operational data readings are presented in Attachment D.

As stated in the previous report (July through December 2006 Semi-Annual OM&M report – OU-1), the Operational Data Sheet records collected by Mr. Mark Gialanella, formerly of UIC, are missing. Therefore, the ODS record for January is unavailable. February 2007 ASD system operational data was not collected because of a miscommunication between UIC, MMC and ARCADIS as to who was going to perform the activity.

Cap Inspections

The soil and asphalt caps placed over the former excavation areas where PCE-affected soil remains in place above NYSDEC standards were checked once per month to verify that the engineering controls were in place and in good condition. Monthly inspections from January through December 2007 verified that the soil and asphalt caps were in place and in good condition (see Inspection Sheets in Attachment C)[1].

Other

ASD system checks and cap inspections performed by representatives of Universal Instruments Corporation (UIC, former owner/operator at the site) ceased in February 2007. Since that time with the exception of March 2007, this function has been performed by ARCADIS.

---

[1] Snow cover on the ground in February and March moderately obscured the non-asphalt covered cap surfaces. Field checks in April showed that cap surfaces were in good condition and unchanged from January.

Based on indoor air analytical results and recorded system operational data, modifications were made to the ASD system that included replacement of 2 fans and installation of a shut-off valve. The HS5000 high-suction series fan servicing suction points #1 through #5 were replaced with HS2000 high-suction series fans to increase air flow rates while maintaining a similar sub-slab vacuum (e-mail correspondence from ARCADIS to NYSDEC dated November 21, 2007). The valve was installed to shut-off flow from suction point #3 to allow for greater air flow from suction point #5 (MMC computer server room).

Additionally, all suction points, except for #2, were retrofitted with Magnehelic-brand vacuum gauges to facilitate data collection. During system monitoring in January 2008 it was discovered that the gauges had the wrong scale. The gauges were replaced in February 2008 with Radonaway-brand U-tube manometers except at #8 (a closet location) where a correctly scaled Magnehelic gauge was installed to replace the existing gauge. The Radonaway-brand U-tubes were selected to lessen the visibility of monitoring activity and to allow MMC personnel to more easily verify daily positive system operation.

I, Gregory R. Albright, a qualified environmental professional as specified in DER-10, certify that the institutional and engineering controls are in place and functioning as intended (signature below).

Sincerely,

ARCADIS of New York, Inc.

Gregory R. Albright, P.G.
Senior Geologist

Enclosures

Tables 1 through 3
Figures 1 through 4
Attachment A – CAS Laboratory Analytical Report, April 2007
Attachment B – CAS Laboratory Analytical Report, September 2007
Attachment C – Monthly Inspection Sheets
Attachment D – Operational Data Sheets

Copies:
Ms. Ivonne M. Cabrera, Dover Corporation
Mr. Aric Phinney, Modern Marketing Concepts
Mr. D. Robert Gan, AMEC

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TABLES

Tables 1 and 2

Table 1. Detected Constituents in Indoor Air Samples (September 21, 2006)
Former Dover Electronics Site, Kirkwood, New York

Volatile Organic Compound	Ambient Air CAS ID: P2602609-001			A/C Area CAS ID: P2602609-002			Cafeteria CAS ID: P2602609-003			Electrical Room CAS ID: P2602609-004			Office Area #1 CAS ID: P2602609-005			Office Area #2 CAS ID: P2602609-006		
	Result ppbv	Result µg/m³	Q	Result ppbv	Result µg/m³	Q	Result ppbv	Result µg/m³	Q	Result ppbv	Result µg/m³	Q	Result ppbv	Result µg/m³	Q	Result ppbv	Result µg/m³	Q
1,1,1-Trichloroethane	0.11	0.61	U	0.11	0.62	U	0.11	0.62	U	0.11	0.62	U	0.21	1.2		0.11	0.62	U
1,1-Dichloroethane	0.15	0.61	U	0.15	0.62	U	0.38	1.6		0.15	0.62	U	1.6	6.3		0.15	0.62	U
1,4-Dichlorobenzene	0.1	0.61	U	0.1	0.62	U	0.13	0.79		0.10	0.62	U	0.10	0.61	U	0.10	0.62	U
2-Butanone (MEK)	0.45	1.3		0.69	2.0		0.79	2.3		0.45	1.3		1.3	3.7		0.56	1.7	
2-Hexanone	0.15	0.61	U	0.15	0.62	U	0.16	0.66	M	0.15	0.62	U	0.32	1.3	M	0.15	0.62	U
4-Methyl-2-pentanone	0.15	0.61	U	0.16	0.66		0.34	1.4		0.15	0.62	U	1.3	5.3		0.15	0.62	U
Acetone	2.5	6.1	U	8.6	20		6.9	16		8.0	19		5.7	13		7.1	17	
Benzene	0.22	0.71		0.27	0.86		0.30	0.94		0.25	0.8		0.34	1.1		0.28	0.90	
cis-1,2-Dichloroethene	0.15	0.61	U	0.52	2.1		0.82	3.3		0.31	1.2		4.1	16		0.16	0.62	U
Ethylbenzene	0.14	0.61	U	0.3	1.3		1.8	7.6		0.17	0.73		2.7	12		0.16	0.70	
m,p-Xylenes	0.31	1.3		1.0	4.4		6.6	29		0.56	2.4		11	49		0.55	2.4	
Methylene chloride	0.17	0.61	U	0.18	0.62	U	0.26	0.9		0.18	0.62	U	0.97	3.4		0.18	0.62	U
o-Xylene	0.14	0.61	U	0.33	1.4		1.7	7.5		0.21	0.92		3.0	13		0.21	0.9	
Tetrachloroethene	0.089	0.61	U	11	76		4	27		12	84		4.6	31		3.5	24	
Toluene	0.92	3.5		2.9	11		16	60		1.2	4.4		28	100		1.1	4.0	
Trichloroethene	0.023	0.12	U	0.11	0.57		0.13	0.68		0.11	0.61		0.16	0.87		0.041	0.22	
Trichlorofluoromethane	0.24	1.3		0.38	2.1		0.32	1.8		0.44	2.5		0.26	1.5		0.27	1.5	
Trichlorotrifluoroethane	0.10	0.80		0.36	2.8		0.19	1.5		0.41	3.1		0.22	1.7		0.16	1.2	
Vinyl Acetate	0.34	1.2	U	0.60	2.1		0.71	2.5	M	0.51	1.8	M	0.35	1.2	U	1.1	3.9	M
Vinyl Chloride	0.24	0.61	U	0.24	0.62	U	0.24	0.62	U	0.24	0.62	U	0.30	0.77		0.24	0.62	U

Notes:
Bold = Compounds of Concern
M = Matrix interference; results may be biased high
µg/m³ = micrograms per cubic meter
ppbv = parts per billion by volume
Q = Qualifier
U = Constituent not detected above detection limit

DOVER CORPORATION
KIRKWOOD, NEW YORK

TABLE 2

HISTORICAL INDOOR AIR VOC SAMPLE RESULTS
FORMER DOVER ELECTRONICS SITE

	PCE µg/m3	TCE µg/m3	Cis-1,2-DCE µg/m3	Vinyl Chloride µg/m3	
OFFICE #1					
Nov-98	61	-	-	-	
Dec-98	35	-	-	-	
Mar-99	58	-	-	-	
Feb-02	36	-	-	-	
Apr-02	68	-	-	-	
May-02	27	-	-	-	
Sep-02	60	1.3	-	-	
Aug-03	20	-	-	-	
Sep-03	52	-	-	-	
Jan-04	110	1.3	-	-	
Apr-04	79	-	-	-	
Sep-04	66	-	-	-	
Mar-05	51	-	-	-	
Sep-05	120	-	-	-	
Apr-06	47	0.2	-	-	
Sep-06	31	0.9	16	0.8	
OFFICE #2					
Aug-03	28	-	-	-	
Sep-03	24	-	-	-	
Jan-04	87	-	-	-	
Apr-04	44	-	-	-	
Sep-04	41	-	-	-	
Mar-05	39	-	-	-	
Sep-05	120	-	-	-	
Apr-06	40	0.3	-	-	
Sep-06	24	0.2	-	-	
CAFETERIA					
Aug-03	17	-	-	-	
Sep-03	23	-	-	-	
Jan-04	110	1.7	3.5	-	
Apr-04	43	-	1.5	-	
Sep-04	27	-	-	-	
Mar-05	40	-	-	-	
Sep-05	120	-	-	-	
Apr-06	43	0.2	-	-	
Sep-06	27	0.7	3.3	-	

Table 3 continued

ELECTRICAL AREA					
Nov-98	1,017	-	17.8	-	
Dec-98	678	-	9.5	-	
Mar-99	387	-	6.3	-	
Feb-02	186	4.4	6.1	-	
Apr-02	406	8.2	14.1	1.6	
May-02	165	1.9	4.8	-	
Sep-02	124	2.6	3.7	-	
Aug-03	64	-	-	-	
Sep-03	62	-	-	-	
Jan-04	75	-	-	-	
Apr-04	88	2.7	2.1	-	
Sep-04	70	-	-	-	
Mar-05	60	-	-	-	
Sep-05	110	-	1.5	-	
Apr-06	61	0.5	0.9	-	
Sep-06	84	0.6	1.2	-	
A/C AREA					
Nov-98	482	6.5	15.9	-	
Dec-98	244	3.6	7.5	-	
Mar-99	183	-	5.6	-	
Feb-02	165	4.9	8.1	-	
Apr-02	248	4.9	10.5	-	
May-02	138	2.1	5.2	-	
Sep-02	110	2.6	3.6	-	
Aug-03	94	-	1.4	-	
Sep-03	88	-	-	-	
Jan-04	85	1.7	3.6	-	
Apr-04	100	1.4	2.1	-	
Sep-04	62	-	-	-	
Mar-05	85	-	1.4	-	
Sep-05	11	-	-	-	
Apr-06	74	0.8	1.5	-	
Sep-06	76	0.6	2.1	-	
BACKGROUND					
Nov-98	-	-	-	-	
Dec-98	-	-	-	-	
Mar-99	-	-	-	-	
Feb-02	-	-	-	-	
Apr-02	13	4	-	-	
May-02	-	-	-	-	
Sep-02	-	-	-	-	
Aug-03	-	-	-	-	
Sep-03	2.2	-	-	-	
Jan-04	-	-	-	-	
Apr-04	1.8	-	-	-	
Sep-04	-	-	-	-	
Mar-05	-	-	-	-	
Sep-05	-	-	-	-	
Apr-06	-	-	-	-	
Sep-06	-	-	-	-	

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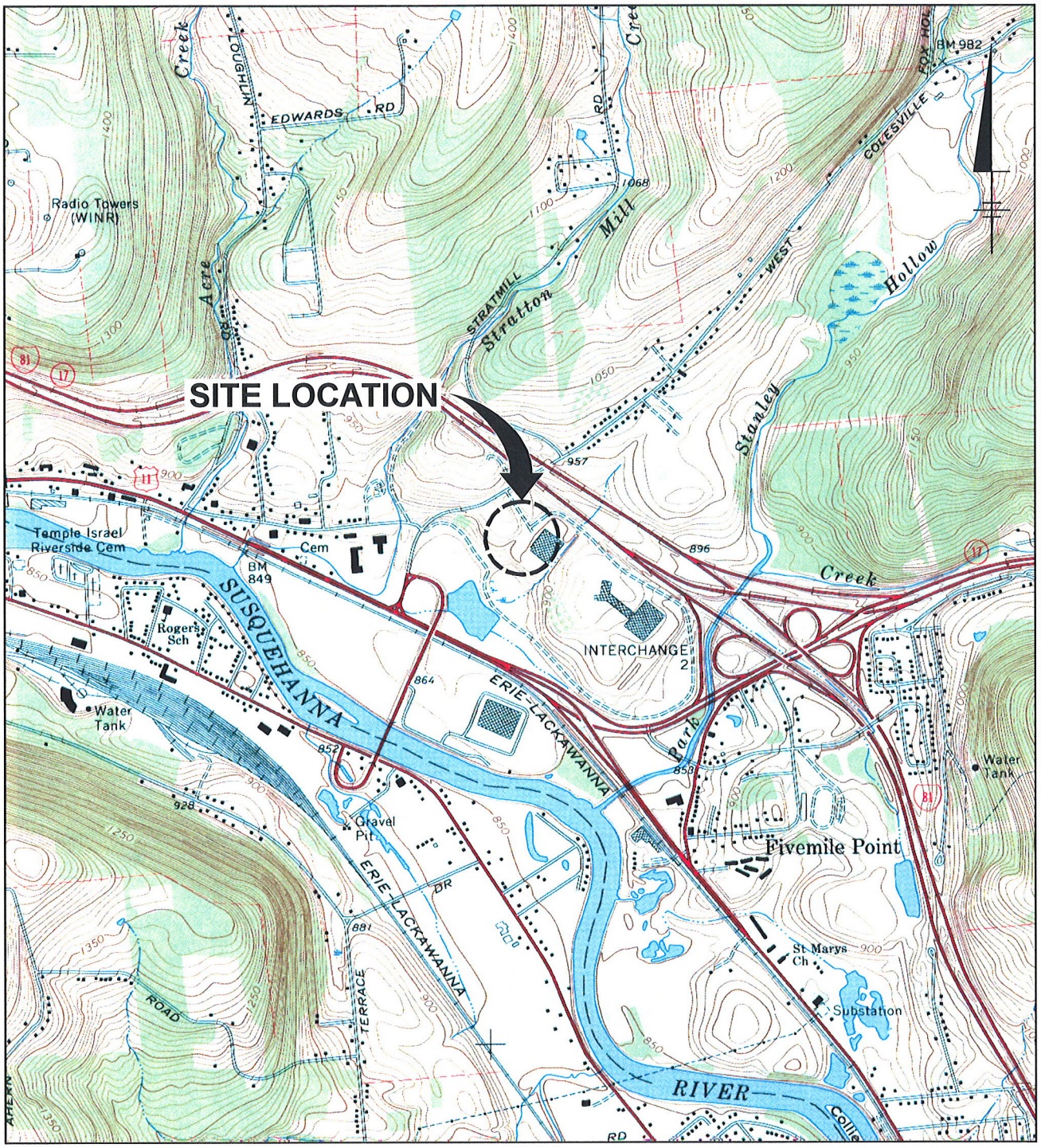
FIGURES

Figures 1 through 4



REFERENCE: Base Map Source USGS 7.5 Minute Quad. Series Binghamton East, New York, 1968, Photorevised 1976.

2000' 0 2000'

Approximate Scale: 1" = 2000'

AREA LOCATION

UNIVERSAL INSTRUMENTS CORPORATION
KIRKWOOD, NEW YORK

SITE LOCATION MAP

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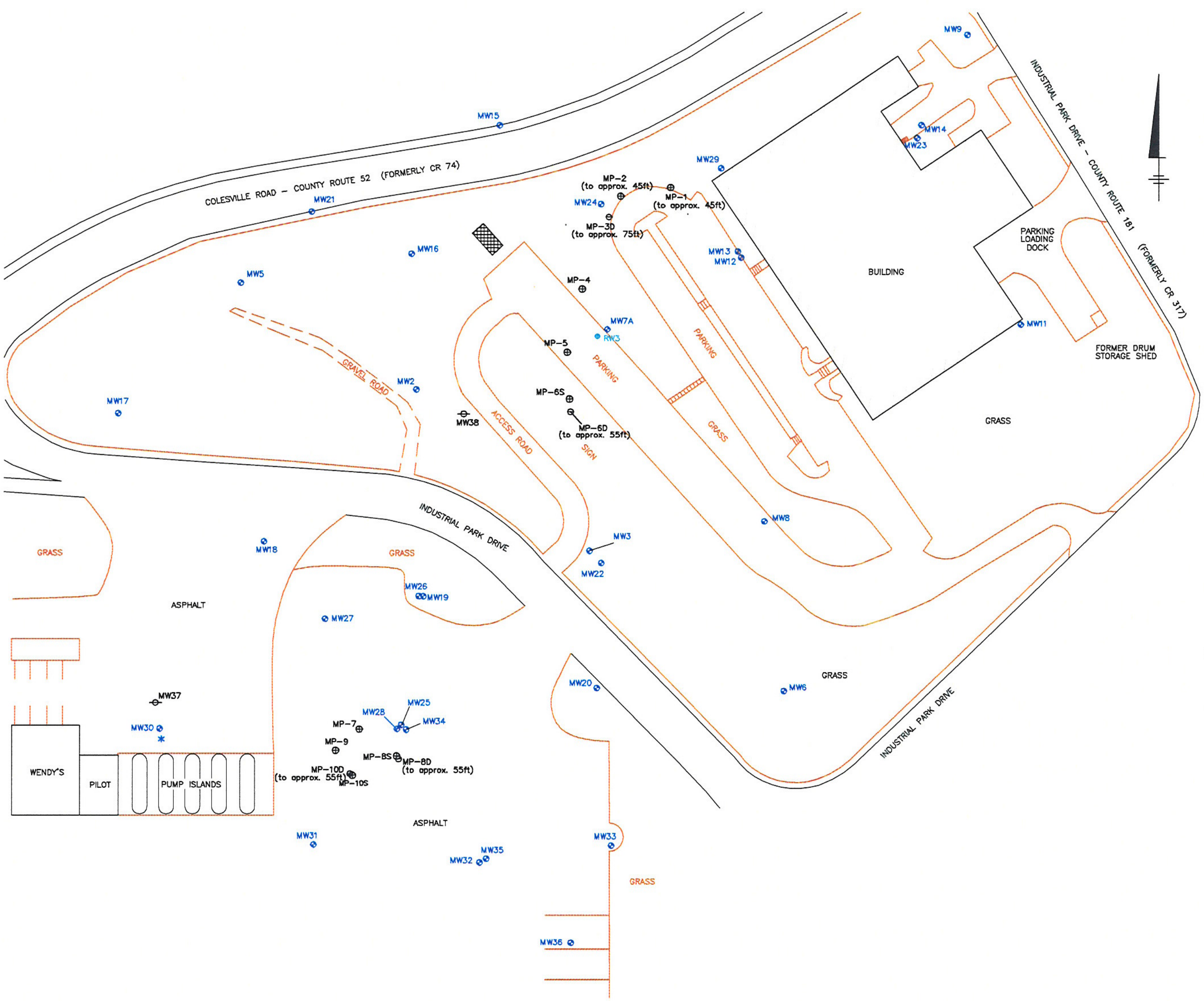
FIGURE 1

2/26/08 CRA-85-TLF
00616/0001/00002/00616N01.CDR



LEGEND

- EXISTING MONITORING WELL
- 1" DIAMETER, SHALLOW MONITORING POINT TO 25ft UNLESS OTHERWISE INDICATED
- 1" DIAMETER, DEEP MONITORING POINT TO INDICATED DEPTH
- 2" DIAMETER, DEEP MONITORING WELL TO INDICATED DEPTH
- TREATMENT BUILDING

SOURCE:
BASEMAP FROM FIGURE 2 OF LETTER REPORT "UNIVERSAL INSTRUMENTS CORPORATION, KIRKWOOD, BROOME COUNTY, NEW YORK: DOVER ELECTRONICS SITE", GANNETT FLEMING, INC., NOVEMBER 9, 2000.

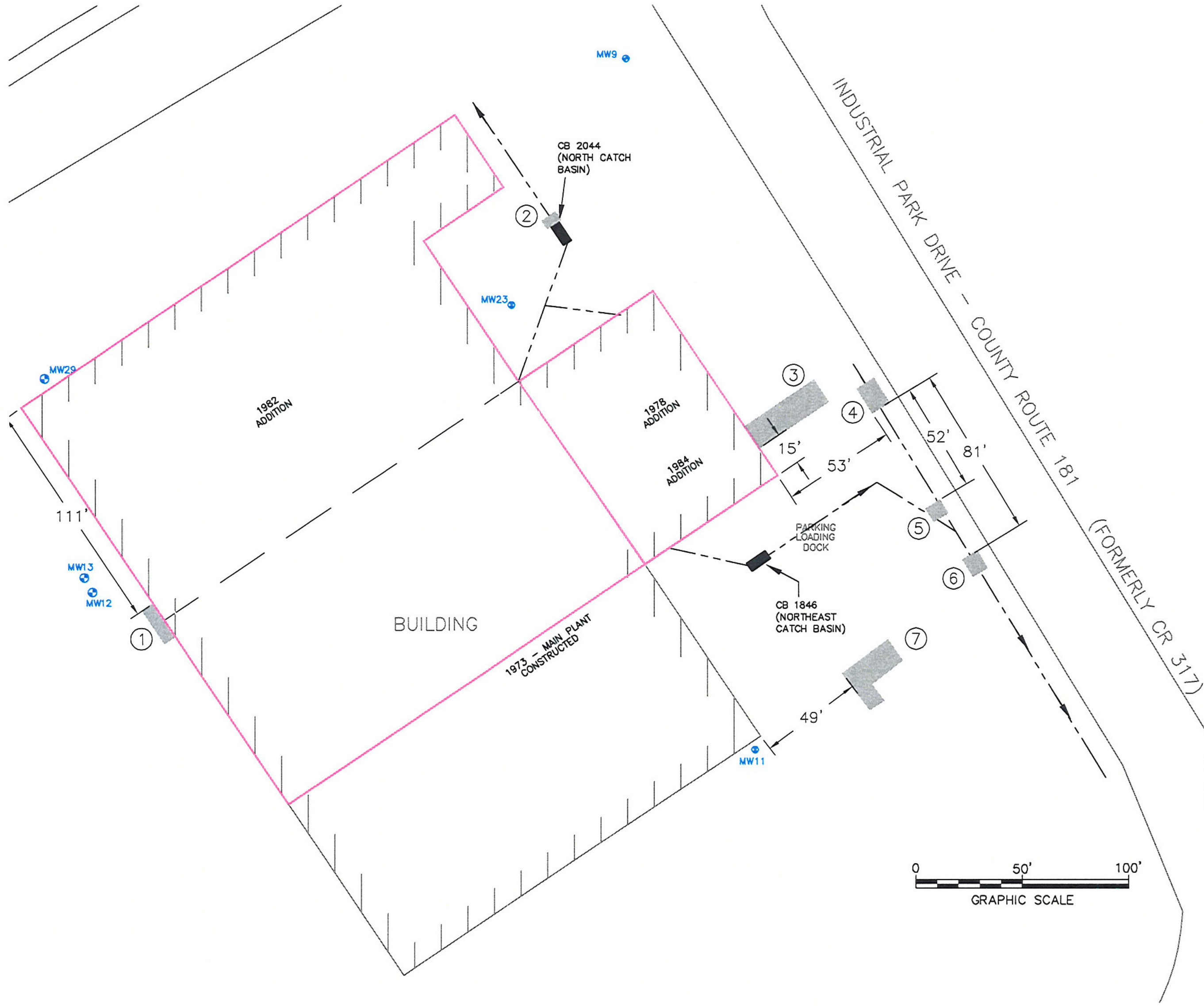
0 120' 240'
GRAPHIC SCALE

UNIVERSAL INSTRUMENTS CORPORATION
KIRKWOOD, NEW YORK
-

SITE MAP AND MONITORING WELL LOCATIONS

ARCADIS

FIGURE
2



LEGEND

- EXISTING MONITORING WELL
- BUILDING DEED NOTICE AREAS
- EXTERIOR DEED NOTICE AREAS

DEPTH TO PCE-AFFECTED SOIL

1. 4 FEET
2. 6 FEET
3. 8 FEET
4. 8 FEET
5. 5 FEET
6. 7 FEET
7. 3 FEET

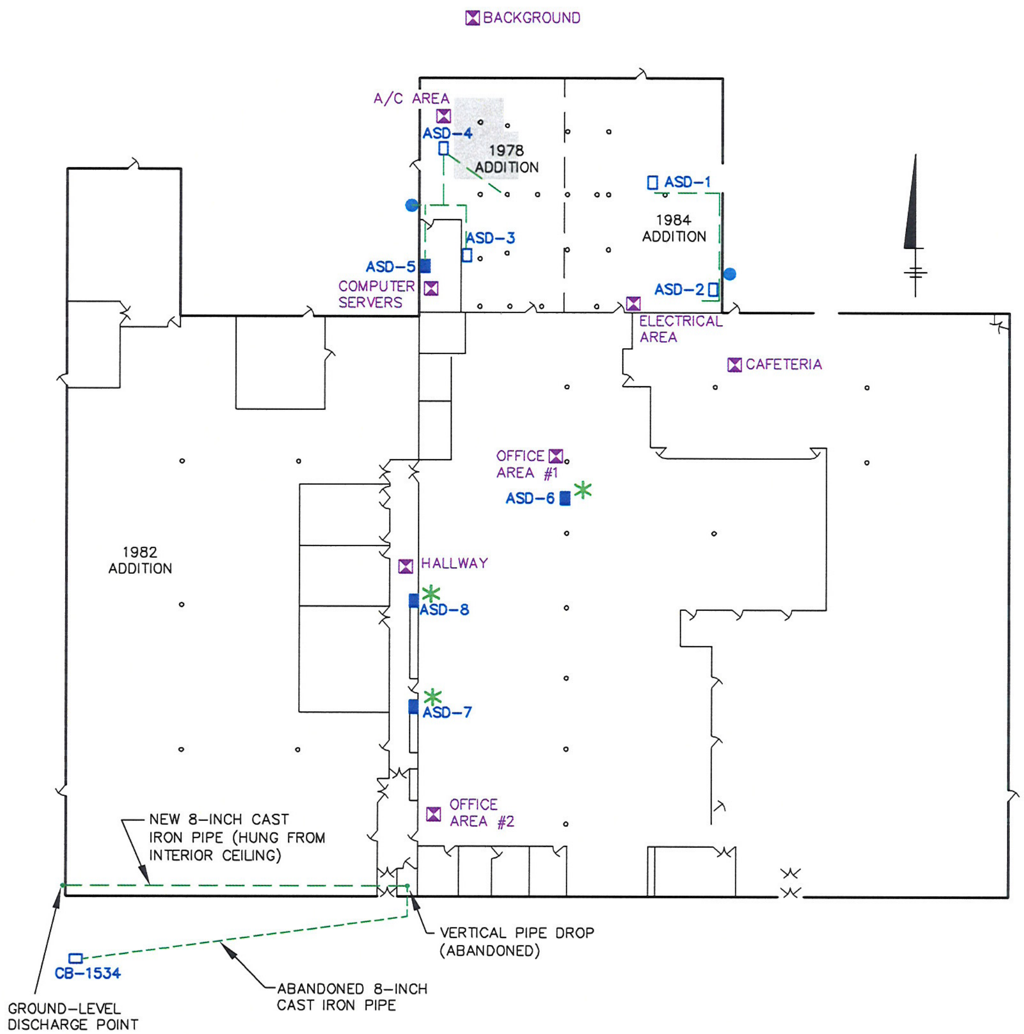
SOURCE:
FIGURE 2 OF LETTER REPORT "UNIVERSAL INSTRUMENTS CORPORATION, KIRKWOOD, BROOME COUNTY, NEW YORK: DOVER ELECTRONICS SITE", GANNETT FLEMING, INC., NOVEMBER 9, 2000.

UNIVERSAL INSTRUMENTS CORPORATION
KIRKWOOD, NEW YORK
OPERATIONS, MAINTENANCE AND MONITORING PLAN

DEED NOTICE AREAS

ARCADIS

FIGURE
3



LEGEND:

- ACTIVE SUB-SLAB DEPRESSURIZATION POINT LOCATION
- NEW ACTIVE SUB-SLAB DEPRESSURIZATION POINT LOCATION
- PIPING RUN
- VERTICAL BUILDING POST
- EXTERIOR FAN AND EXHAUST LOCATION
- INACCESSIBLE AREA
- INDOOR AIR SAMPLING LOCATION
- DEDICATED FAN LOCATED ON RISER PIPE

SOURCE:

BUILDING LAYOUT DIGITIZED FROM PHOTOCOPY OF DRAWING FAXED FROM UNIVERSAL INSTRUMENTS CORPORATION FACILITIES DEPARTMENT. NO FILE NAME OR SCALE PROVIDED.

UNIVERSAL INSTRUMENTS CORPORATION
KIRKWOOD, NEW YORK
OPERATIONS, MAINTENANCE AND MONITORING REPORT

ASD SYSTEM AND INDOOR AIR SAMPLING LOCATIONS

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FIGURE 4

CITY:CRANBURY DIV/GROUP:85 DB:TFATTO LD: PIC: PM: TM: LYR:ON=*;OFF=*REF*
G:\ENVCAD\CRANBURY\ACT\NJ000616\0006\00001\00616G01.dwg LAYOUT: LAYOUT1 SAVED: 8/28/2009 7:47 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: CRA-LB-PDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 8/28/2009 7:47 AM BY: FATTO, TRACEY
XREFS: IMAGES: PROJECTNAME: ---

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Attachment A

CAS Laboratory Analytical Report, April 2007

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

April 18, 2007

Mr. Greg Albright
ARCADIS U.S., Inc.
8 South River Road
Cranbury, NJ 08512-3698

RE: P2700779
Kirkwood/NJ000579.0001.00001

Dear Mr. Albright:

Enclosed are the results of the sample(s) submitted to our laboratory on March 21, 2007.
For your reference, these analyses have been assigned our service request number P2700779.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 35 pages.

Columbia Analytical Services is certified by the California Department of Health Services, Certificate No. 2380; Arizona Department of Health Services, Certificate No. AZ0694; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661. Please contact me for specific method(s) and analyte(s) corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

John Yokoyama
Operations Manager

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2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

Client:	ARCADIS U.S., INC.	Date of Report:	04/18/07
Address:	8 South River Road	Date Received:	03/21/07
	Cranbury, NJ 08512-3698	CAS Project No:	P2700779
Contact:	Mr. Greg Albright	Purchase Order:	Verbal
Client Project ID:	Kirkwood/NJ000579.0001.00001	NJ Certification ID:	CA009

Six (6) Stainless Steel Summa Canisters labeled: "Background" "Cafeteria" "Office Area #2" "Office Area #1" "Electrical Room" "A/C Area"

The samples were received at the laboratory under chain of custody on March 21, 2007. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

Volatile Organic Compound Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) for volatile organic compounds and tentatively identified compounds. The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical systems used were comprised of two an Agilent Model 5973inert GC/MS/DS each interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The results of analyses are given on the attached data sheets. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Reviewed and Approved:

Liliana Marghitoiu
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Background**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00580

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.8 Pf 1 = 3.6

Can D.F. = 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.9**	0.77	**0.59**	0.16	
74-87-3	Chloromethane	ND	0.77	ND	0.37	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.77	ND	0.11	
75-01-4	Vinyl Chloride	ND	0.77	ND	0.30	
106-99-0	1,3-Butadiene	ND	0.77	ND	0.35	
74-83-9	Bromomethane	ND	0.77	ND	0.20	
75-00-3	Chloroethane	ND	0.77	ND	0.29	
64-17-5	Ethanol	**12**	7.7	**6.3**	4.1	
75-05-8	Acetonitrile	**1.6**	0.77	**0.92**	0.46	
107-02-8	Acrolein	**2.4**	0.77	**1.1**	0.34	
67-64-1	Acetone	**28**	7.7	**12**	3.2	
75-69-4	Trichlorofluoromethane	**1.4**	0.77	**0.25**	0.14	
67-63-0	2-Propanol (Isopropyl Alcohol)	**9.1**	0.77	**3.7**	0.31	
107-13-1	Acrylonitrile	ND	0.77	ND	0.35	
75-35-4	1,1-Dichloroethene	ND	0.77	ND	0.19	
75-09-2	Methylene chloride	ND	0.77	ND	0.22	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.77	ND	0.25	
76-13-1	Trichlorotrifluoroethane	ND	0.77	ND	0.10	
75-15-0	Carbon Disulfide	ND	0.77	ND	0.25	
156-60-5	trans-1,2-Dichloroethene	ND	0.77	ND	0.19	
75-34-3	1,1-Dichloroethane	ND	0.77	ND	0.19	
1634-04-4	Methyl tert-Butyl Ether	ND	0.77	ND	0.21	
108-05-4	Vinyl Acetate	**5.4**	1.5	**1.5**	0.44	**M**

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: Rc Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Background**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00580

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.8 Pf 1 = 3.6

Can D.F. = 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**4.2**	0.77	**1.4**	0.26	
156-59-2	cis-1,2-Dichloroethene	ND	0.77	ND	0.19	
110-54-3	n-Hexane	**1.5**	0.77	**0.43**	0.22	
67-66-3	Chloroform	ND	0.77	ND	0.16	
107-06-2	1,2-Dichloroethane	ND	0.77	ND	0.19	
71-55-6	1,1,1-Trichloroethane	ND	0.77	ND	0.14	
71-43-2	Benzene	**2.9**	0.77	**0.92**	0.24	
56-23-5	Carbon Tetrachloride	**0.44**	0.15	**0.070**	0.024	
78-87-5	1,2-Dichloropropane	ND	0.77	ND	0.17	
75-27-4	Bromodichloromethane	ND	0.77	ND	0.11	
79-01-6	Trichloroethene	ND	0.15	ND	0.029	
123-91-1	1,4-Dioxane	**1.1**	0.77	**0.29**	0.21	
10061-01-5	cis-1,3-Dichloropropene	ND	0.77	ND	0.17	
108-10-1	4-Methyl-2-pentanone	ND	0.77	ND	0.19	
10061-02-6	trans-1,3-Dichloropropene	ND	0.77	ND	0.17	
79-00-5	1,1,2-Trichloroethane	ND	0.77	ND	0.14	
108-88-3	Toluene	**7.3**	0.77	**1.9**	0.20	
591-78-6	2-Hexanone	ND	0.77	ND	0.19	
124-48-1	Dibromochloromethane	ND	0.77	ND	0.090	
106-93-4	1,2-Dibromoethane	ND	0.77	ND	0.10	
123-86-4	n-Butyl Acetate	ND	0.77	ND	0.16	
127-18-4	Tetrachloroethene	**1.1**	0.77	**0.16**	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Background**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00580

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.8 Pf 1 = 3.6

Can D.F. = 1.54

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.77	ND	0.17	
100-41-4	Ethylbenzene	**1.0**	0.77	**0.23**	0.18	
179601-23-1	*m,p* -Xylenes	**3.6**	0.77	**0.84**	0.18	
75-25-2	Bromoform	ND	0.77	ND	0.075	
100-42-5	Styrene	ND	0.77	ND	0.18	
95-47-6	o-Xylene	**1.2**	0.77	**0.29**	0.18	
111-84-2	n-Nonane	ND	0.77	ND	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.77	ND	0.11	
98-82-8	Cumene	ND	0.77	ND	0.16	
80-56-8	alpha-Pinene	ND	0.77	ND	0.14	
622-96-8	4-Ethyltoluene	ND	0.77	ND	0.16	
108-67-8	1,3,5-Trimethylbenzene	ND	0.77	ND	0.16	
95-63-6	1,2,4-Trimethylbenzene	**0.95**	0.77	**0.19**	0.16	
100-44-7	Benzyl Chloride	ND	0.77	ND	0.15	
541-73-1	1,3-Dichlorobenzene	ND	0.77	ND	0.13	
106-46-7	1,4-Dichlorobenzene	ND	0.77	ND	0.13	
95-50-1	1,2-Dichlorobenzene	ND	0.77	ND	0.13	
5989-27-5	d-Limonene	ND	0.77	ND	0.14	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.77	ND	0.080	
120-82-1	1,2,4-Trichlorobenzene	ND	0.77	ND	0.10	
91-20-3	Naphthalene	ND	0.77	ND	0.15	
87-68-3	Hexachlorobutadiene	ND	0.77	ND	0.072	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Cafeteria**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00655

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -5.3 Pf 1 = 3.5
Can D.F. = 1.94

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.2**	0.97	**0.64**	0.20	
74-87-3	Chloromethane	ND	0.97	ND	0.47	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.97	ND	0.14	
75-01-4	Vinyl Chloride	ND	0.97	ND	0.38	
106-99-0	1,3-Butadiene	ND	0.97	ND	0.44	
74-83-9	Bromomethane	ND	0.97	ND	0.25	
75-00-3	Chloroethane	ND	0.97	ND	0.37	
64-17-5	Ethanol	**160**	9.7	**82**	5.2	
75-05-8	Acetonitrile	ND	0.97	ND	0.58	
107-02-8	Acrolein	**1.7**	0.97	**0.72**	0.42	
67-64-1	Acetone	**26**	9.7	**11**	4.1	
75-69-4	Trichlorofluoromethane	**3.7**	0.97	**0.66**	0.17	
67-63-0	2-Propanol (Isopropyl Alcohol)	**38**	0.97	**16**	0.39	
107-13-1	Acrylonitrile	ND	0.97	ND	0.45	
75-35-4	1,1-Dichloroethene	ND	0.97	ND	0.24	
75-09-2	Methylene chloride	ND	0.97	ND	0.28	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.97	ND	0.31	
76-13-1	Trichlorotrifluoroethane	ND	0.97	ND	0.13	
75-15-0	Carbon Disulfide	ND	0.97	ND	0.31	
156-60-5	trans-1,2-Dichloroethene	ND	0.97	ND	0.24	
75-34-3	1,1-Dichloroethane	ND	0.97	ND	0.24	
1634-04-4	Methyl tert-Butyl Ether	ND	0.97	ND	0.27	
108-05-4	Vinyl Acetate	**3.2**	1.9	**0.92**	0.55	**M**

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: Rv Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Cafeteria**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00655

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -5.3 Pf 1 = 3.5
Can D.F. = 1.94

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**4.6**	0.97	**1.6**	0.33	
156-59-2	cis-1,2-Dichloroethene	ND	0.97	ND	0.24	
110-54-3	n-Hexane	**1.3**	0.97	**0.36**	0.28	
67-66-3	Chloroform	ND	0.97	ND	0.20	
107-06-2	1,2-Dichloroethane	ND	0.97	ND	0.24	
71-55-6	1,1,1-Trichloroethane	ND	0.97	ND	0.18	
71-43-2	Benzene	**1.7**	0.97	**0.52**	0.30	
56-23-5	Carbon Tetrachloride	**0.44**	0.19	**0.070**	0.031	
78-87-5	1,2-Dichloropropane	ND	0.97	ND	0.21	
75-27-4	Bromodichloromethane	ND	0.97	ND	0.14	
79-01-6	Trichloroethene	ND	0.19	ND	0.036	
123-91-1	1,4-Dioxane	ND	0.97	ND	0.27	
10061-01-5	cis-1,3-Dichloropropene	ND	0.97	ND	0.21	
108-10-1	4-Methyl-2-pentanone	**9.2**	0.97	**2.3**	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	0.97	ND	0.21	
79-00-5	1,1,2-Trichloroethane	ND	0.97	ND	0.18	
108-88-3	Toluene	**4.9**	0.97	**1.3**	0.26	
591-78-6	2-Hexanone	ND	0.97	ND	0.24	
124-48-1	Dibromochloromethane	ND	0.97	ND	0.11	
106-93-4	1,2-Dibromoethane	ND	0.97	ND	0.13	
123-86-4	n-Butyl Acetate	ND	0.97	ND	0.20	
127-18-4	Tetrachloroethene	**5.2**	0.97	**0.77**	0.14	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Cafeteria**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00655

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -5.3 Pf 1 = 3.5

Can D.F. = 1.94

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.97	ND	0.21	
100-41-4	Ethylbenzene	**2.4**	0.97	**0.55**	0.22	
179601-23-1	*m,p*-Xylenes	**10**	0.97	**2.4**	0.22	
75-25-2	Bromoform	ND	0.97	ND	0.094	
100-42-5	Styrene	ND	0.97	ND	0.23	
95-47-6	o-Xylene	**3.5**	0.97	**0.80**	0.22	
111-84-2	n-Nonane	ND	0.97	ND	0.18	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.97	ND	0.14	
98-82-8	Cumene	ND	0.97	ND	0.20	
80-56-8	alpha-Pinene	ND	0.97	ND	0.17	
622-96-8	4-Ethyltoluene	ND	0.97	ND	0.20	
108-67-8	1,3,5-Trimethylbenzene	ND	0.97	ND	0.20	
95-63-6	1,2,4-Trimethylbenzene	**1.1**	0.97	**0.22**	0.20	
100-44-7	Benzyl Chloride	ND	0.97	ND	0.19	
541-73-1	1,3-Dichlorobenzene	ND	0.97	ND	0.16	
106-46-7	1,4-Dichlorobenzene	ND	0.97	ND	0.16	
95-50-1	1,2-Dichlorobenzene	ND	0.97	ND	0.16	
5989-27-5	d-Limonene	**3.9**	0.97	**0.70**	0.17	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.97	ND	0.10	
120-82-1	1,2,4-Trichlorobenzene	ND	0.97	ND	0.13	
91-20-3	Naphthalene	**4.9**	0.97	**0.94**	0.19	
87-68-3	Hexachlorobutadiene	ND	0.97	ND	0.091	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #2**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01106

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -4.2 Pf 1 = 3.5

Can D.F. = 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.2**	0.87	**0.64**	0.18	
74-87-3	Chloromethane	ND	0.87	ND	0.42	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.87	ND	0.12	
75-01-4	Vinyl Chloride	ND	0.87	ND	0.34	
106-99-0	1,3-Butadiene	ND	0.87	ND	0.39	
74-83-9	Bromomethane	ND	0.87	ND	0.22	
75-00-3	Chloroethane	ND	0.87	ND	0.33	
64-17-5	Ethanol	**150**	8.7	**81**	4.6	
75-05-8	Acetonitrile	ND	0.87	ND	0.52	
107-02-8	Acrolein	**1.7**	0.87	**0.76**	0.38	
67-64-1	Acetone	**30**	8.7	**12**	3.6	
75-69-4	Trichlorofluoromethane	**2.9**	0.87	**0.52**	0.15	
67-63-0	2-Propanol (Isopropyl Alcohol)	**81**	0.87	**33**	0.35	
107-13-1	Acrylonitrile	ND	0.87	ND	0.40	
75-35-4	1,1-Dichloroethene	ND	0.87	ND	0.22	
75-09-2	Methylene chloride	ND	0.87	ND	0.25	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.87	ND	0.28	
76-13-1	Trichlorotrifluoroethane	ND	0.87	ND	0.11	
75-15-0	Carbon Disulfide	ND	0.87	ND	0.28	
156-60-5	trans-1,2-Dichloroethene	ND	0.87	ND	0.22	
75-34-3	1,1-Dichloroethane	ND	0.87	ND	0.21	
1634-04-4	Methyl tert-Butyl Ether	ND	0.87	ND	0.24	
108-05-4	Vinyl Acetate	**4.3**	1.7	**1.2**	0.49	**M**

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: RG Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #2**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01106

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -4.2 Pf 1 = 3.5

Can D.F. = 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**3.8**	0.87	**1.3**	0.29	
156-59-2	cis-1,2-Dichloroethene	ND	0.87	ND	0.22	
110-54-3	n-Hexane	**1.3**	0.87	**0.37**	0.25	
67-66-3	Chloroform	ND	0.87	ND	0.18	
107-06-2	1,2-Dichloroethane	ND	0.87	ND	0.21	
71-55-6	1,1,1-Trichloroethane	ND	0.87	ND	0.16	
71-43-2	Benzene	**1.5**	0.87	**0.47**	0.27	
56-23-5	Carbon Tetrachloride	**0.43**	0.17	**0.069**	0.028	
78-87-5	1,2-Dichloropropane	ND	0.87	ND	0.19	
75-27-4	Bromodichloromethane	ND	0.87	ND	0.13	
79-01-6	Trichloroethene	ND	0.17	ND	0.032	
123-91-1	1,4-Dioxane	ND	0.87	ND	0.24	
10061-01-5	cis-1,3-Dichloropropene	ND	0.87	ND	0.19	
108-10-1	4-Methyl-2-pentanone	**15**	0.87	**3.7**	0.21	
10061-02-6	trans-1,3-Dichloropropene	ND	0.87	ND	0.19	
79-00-5	1,1,2-Trichloroethane	ND	0.87	ND	0.16	
108-88-3	Toluene	**4.7**	0.87	**1.3**	0.23	
591-78-6	2-Hexanone	ND	0.87	ND	0.21	
124-48-1	Dibromochloromethane	ND	0.87	ND	0.10	
106-93-4	1,2-Dibromoethane	ND	0.87	ND	0.11	
123-86-4	n-Butyl Acetate	ND	0.87	ND	0.18	
127-18-4	Tetrachloroethene	**5.3**	0.87	**0.79**	0.13	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #2**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01106

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -4.2 Pf 1 = 3.5

Can D.F. = 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.87	ND	0.19	
100-41-4	Ethylbenzene	**3.8**	0.87	**0.88**	0.20	
179601-23-1	*m,p*-Xylenes	**18**	0.87	**4.1**	0.20	
75-25-2	Bromoform	ND	0.87	ND	0.084	
100-42-5	Styrene	ND	0.87	ND	0.20	
95-47-6	o-Xylene	**5.8**	0.87	**1.3**	0.20	
111-84-2	n-Nonane	ND	0.87	ND	0.16	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.87	ND	0.13	
98-82-8	Cumene	ND	0.87	ND	0.18	
80-56-8	alpha-Pinene	ND	0.87	ND	0.16	
622-96-8	4-Ethyltoluene	ND	0.87	ND	0.18	
108-67-8	1,3,5-Trimethylbenzene	ND	0.87	ND	0.18	
95-63-6	1,2,4-Trimethylbenzene	**1.1**	0.87	**0.22**	0.18	
100-44-7	Benzyl Chloride	ND	0.87	ND	0.17	
541-73-1	1,3-Dichlorobenzene	ND	0.87	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.87	ND	0.14	
95-50-1	1,2-Dichlorobenzene	ND	0.87	ND	0.14	
5989-27-5	d-Limonene	**2.0**	0.87	**0.36**	0.16	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.87	ND	0.090	
120-82-1	1,2,4-Trichlorobenzene	ND	0.87	ND	0.12	
91-20-3	Naphthalene	ND	0.87	ND	0.17	
87-68-3	Hexachlorobutadiene	ND	0.87	ND	0.081	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01288

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.6

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.9**	0.70	**0.58**	0.14	
74-87-3	Chloromethane	ND	0.70	ND	0.34	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.70	ND	0.10	
75-01-4	Vinyl Chloride	ND	0.70	ND	0.27	
106-99-0	1,3-Butadiene	ND	0.70	ND	0.32	
74-83-9	Bromomethane	ND	0.70	ND	0.18	
75-00-3	Chloroethane	ND	0.70	ND	0.27	
64-17-5	Ethanol	**120**	7.0	**64**	3.7	
75-05-8	Acetonitrile	ND	0.70	ND	0.42	
107-02-8	Acrolein	**2.0**	0.70	**0.87**	0.31	
67-64-1	Acetone	**30**	7.0	**13**	2.9	
75-69-4	Trichlorofluoromethane	**3.0**	0.70	**0.54**	0.12	
67-63-0	2-Propanol (Isopropyl Alcohol)	**51**	0.70	**21**	0.28	
107-13-1	Acrylonitrile	ND	0.70	ND	0.32	
75-35-4	1,1-Dichloroethene	ND	0.70	ND	0.18	
75-09-2	Methylene chloride	ND	0.70	ND	0.20	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.70	ND	0.22	
76-13-1	Trichlorotrifluoroethane	ND	0.70	ND	0.091	
75-15-0	Carbon Disulfide	ND	0.70	ND	0.22	
156-60-5	trans-1,2-Dichloroethene	ND	0.70	ND	0.18	
75-34-3	1,1-Dichloroethane	ND	0.70	ND	0.17	
1634-04-4	Methyl tert-Butyl Ether	ND	0.70	ND	0.19	
108-05-4	Vinyl Acetate	**5.4**	1.4	**1.5**	0.40	**M**

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: R. Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01288

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.6
Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**4.6**	0.70	**1.6**	0.24	
156-59-2	cis-1,2-Dichloroethene	ND	0.70	ND	0.18	
110-54-3	n-Hexane	**1.1**	0.70	**0.31**	0.20	
67-66-3	Chloroform	ND	0.70	ND	0.14	
107-06-2	1,2-Dichloroethane	ND	0.70	ND	0.17	
71-55-6	1,1,1-Trichloroethane	ND	0.70	ND	0.13	
71-43-2	Benzene	**1.3**	0.70	**0.42**	0.22	
56-23-5	Carbon Tetrachloride	**0.43**	0.14	**0.069**	0.022	
78-87-5	1,2-Dichloropropane	ND	0.70	ND	0.15	
75-27-4	Bromodichloromethane	ND	0.70	ND	0.10	
79-01-6	Trichloroethene	ND	0.14	ND	0.026	
123-91-1	1,4-Dioxane	ND	0.70	ND	0.19	
10061-01-5	cis-1,3-Dichloropropene	ND	0.70	ND	0.15	
108-10-1	4-Methyl-2-pentanone	**9.9**	0.70	**2.4**	0.17	
10061-02-6	trans-1,3-Dichloropropene	ND	0.70	ND	0.15	
79-00-5	1,1,2-Trichloroethane	ND	0.70	ND	0.13	
108-88-3	Toluene	**4.2**	0.70	**1.1**	0.19	
591-78-6	2-Hexanone	ND	0.70	ND	0.17	
124-48-1	Dibromochloromethane	ND	0.70	ND	0.082	
106-93-4	1,2-Dibromoethane	ND	0.70	ND	0.091	
123-86-4	n-Butyl Acetate	ND	0.70	ND	0.15	
127-18-4	Tetrachloroethene	**8.3**	0.70	**1.2**	0.10	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01288

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -1.6 Pf 1 = 3.6

Can D.F. = 1.40

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.70	ND	0.15	
100-41-4	Ethylbenzene	**2.5**	0.70	**0.57**	0.16	
179601-23-1	*m,p*-Xylenes	**11**	0.70	**2.6**	0.16	
75-25-2	Bromoform	ND	0.70	ND	0.068	
100-42-5	Styrene	ND	0.70	ND	0.16	
95-47-6	o-Xylene	**3.7**	0.70	**0.85**	0.16	
111-84-2	n-Nonane	ND	0.70	ND	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.70	ND	0.10	
98-82-8	Cumene	ND	0.70	ND	0.14	
80-56-8	alpha-Pinene	ND	0.70	ND	0.13	
622-96-8	4-Ethyltoluene	ND	0.70	ND	0.14	
108-67-8	1,3,5-Trimethylbenzene	ND	0.70	ND	0.14	
95-63-6	1,2,4-Trimethylbenzene	**0.90**	0.70	**0.18**	0.14	
100-44-7	Benzyl Chloride	ND	0.70	ND	0.14	
541-73-1	1,3-Dichlorobenzene	ND	0.70	ND	0.12	
106-46-7	1,4-Dichlorobenzene	ND	0.70	ND	0.12	
95-50-1	1,2-Dichlorobenzene	ND	0.70	ND	0.12	
5989-27-5	d-Limonene	**1.2**	0.70	**0.21**	0.13	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.70	ND	0.072	
120-82-1	1,2,4-Trichlorobenzene	ND	0.70	ND	0.094	
91-20-3	Naphthalene	ND	0.70	ND	0.13	
87-68-3	Hexachlorobutadiene	ND	0.70	ND	0.066	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Electrical Room**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01214

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -3.4 Pf 1 = 3.5
Can D.F. = 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.8**	0.81	**0.77**	0.16	
74-87-3	Chloromethane	ND	0.81	ND	0.39	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.81	ND	0.12	
75-01-4	Vinyl Chloride	ND	0.81	ND	0.32	
106-99-0	1,3-Butadiene	ND	0.81	ND	0.36	
74-83-9	Bromomethane	ND	0.81	ND	0.21	
75-00-3	Chloroethane	ND	0.81	ND	0.31	
64-17-5	Ethanol	**130**	8.1	**69**	4.3	
75-05-8	Acetonitrile	ND	0.81	ND	0.48	
107-02-8	Acrolein	**1.0**	0.81	**0.44**	0.35	
67-64-1	Acetone	**29**	8.1	**12**	3.4	
75-69-4	Trichlorofluoromethane	**8.7**	0.81	**1.5**	0.14	
67-63-0	2-Propanol (Isopropyl Alcohol)	**110**	0.81	**45**	0.33	
107-13-1	Acrylonitrile	ND	0.81	ND	0.37	
75-35-4	1,1-Dichloroethene	ND	0.81	ND	0.20	
75-09-2	Methylene chloride	ND	0.81	ND	0.23	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.81	ND	0.26	
76-13-1	Trichlorotrifluoroethane	ND	0.81	ND	0.11	
75-15-0	Carbon Disulfide	ND	0.81	ND	0.26	
156-60-5	trans-1,2-Dichloroethene	ND	0.81	ND	0.20	
75-34-3	1,1-Dichloroethane	ND	0.81	ND	0.20	
1634-04-4	Methyl tert-Butyl Ether	ND	0.81	ND	0.22	
108-05-4	Vinyl Acetate	ND	1.6	ND	0.46	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rv Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Electrical Room**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01214

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -3.4 Pf 1 = 3.5

Can D.F. = 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**4.3**	0.81	**1.4**	0.27	
156-59-2	cis-1,2-Dichloroethene	ND	0.81	ND	0.20	
110-54-3	n-Hexane	**1.3**	0.81	**0.38**	0.23	
67-66-3	Chloroform	ND	0.81	ND	0.16	
107-06-2	1,2-Dichloroethane	ND	0.81	ND	0.20	
71-55-6	1,1,1-Trichloroethane	ND	0.81	ND	0.15	
71-43-2	Benzene	**1.4**	0.81	**0.44**	0.25	
56-23-5	Carbon Tetrachloride	**0.44**	0.16	**0.070**	0.026	
78-87-5	1,2-Dichloropropane	ND	0.81	ND	0.17	
75-27-4	Bromodichloromethane	ND	0.81	ND	0.12	
79-01-6	Trichloroethene	ND	0.16	ND	0.030	
123-91-1	1,4-Dioxane	ND	0.81	ND	0.22	
10061-01-5	cis-1,3-Dichloropropene	ND	0.81	ND	0.18	
108-10-1	4-Methyl-2-pentanone	**10**	0.81	**2.5**	0.20	
10061-02-6	trans-1,3-Dichloropropene	ND	0.81	ND	0.18	
79-00-5	1,1,2-Trichloroethane	ND	0.81	ND	0.15	
108-88-3	Toluene	**4.5**	0.81	**1.2**	0.21	
591-78-6	2-Hexanone	ND	0.81	ND	0.20	
124-48-1	Dibromochloromethane	ND	0.81	ND	0.095	
106-93-4	1,2-Dibromoethane	ND	0.81	ND	0.10	
123-86-4	n-Butyl Acetate	ND	0.81	ND	0.17	
127-18-4	Tetrachloroethene	**9.8**	0.81	**1.4**	0.12	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Electrical Room**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01214

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -3.4 Pf 1 = 3.5

Can D.F. = 1.61

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.81	ND	0.17	
100-41-4	Ethylbenzene	**2.9**	0.81	**0.67**	0.19	
179601-23-1	*m,p*-Xylenes	**13**	0.81	**2.9**	0.19	
75-25-2	Bromoform	ND	0.81	ND	0.078	
100-42-5	Styrene	ND	0.81	ND	0.19	
95-47-6	o-Xylene	**4.1**	0.81	**0.94**	0.19	
111-84-2	n-Nonane	ND	0.81	ND	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.81	ND	0.12	
98-82-8	Cumene	ND	0.81	ND	0.16	
80-56-8	alpha-Pinene	ND	0.81	ND	0.14	
622-96-8	4-Ethyltoluene	ND	0.81	ND	0.16	
108-67-8	1,3,5-Trimethylbenzene	ND	0.81	ND	0.16	
95-63-6	1,2,4-Trimethylbenzene	**0.95**	0.81	**0.19**	0.16	
100-44-7	Benzyl Chloride	ND	0.81	ND	0.16	
541-73-1	1,3-Dichlorobenzene	ND	0.81	ND	0.13	
106-46-7	1,4-Dichlorobenzene	ND	0.81	ND	0.13	
95-50-1	1,2-Dichlorobenzene	ND	0.81	ND	0.13	
5989-27-5	d-Limonene	**2.1**	0.81	**0.38**	0.14	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.81	ND	0.083	
120-82-1	1,2,4-Trichlorobenzene	ND	0.81	ND	0.11	
91-20-3	Naphthalene	ND	0.81	ND	0.15	
87-68-3	Hexachlorobutadiene	ND	0.81	ND	0.075	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: EG Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **A/C Area**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00813 Pi 1 = -3.9 Pf 1 = 3.5

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)
Can D.F. = 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**4.0**	0.85	**0.81**	0.17	
74-87-3	Chloromethane	ND	0.85	ND	0.41	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.85	ND	0.12	
75-01-4	Vinyl Chloride	ND	0.85	ND	0.33	
106-99-0	1,3-Butadiene	ND	0.85	ND	0.38	
74-83-9	Bromomethane	ND	0.85	ND	0.22	
75-00-3	Chloroethane	ND	0.85	ND	0.32	
64-17-5	Ethanol	**130**	8.5	**71**	4.5	
75-05-8	Acetonitrile	ND	0.85	ND	0.50	
107-02-8	Acrolein	**2.2**	0.85	**0.95**	0.37	
67-64-1	Acetone	**40**	8.5	**17**	3.6	
75-69-4	Trichlorofluoromethane	**9.5**	0.85	**1.7**	0.15	
67-63-0	2-Propanol (Isopropyl Alcohol)	**150**	0.85	**61**	0.34	
107-13-1	Acrylonitrile	ND	0.85	ND	0.39	
75-35-4	1,1-Dichloroethene	ND	0.85	ND	0.21	
75-09-2	Methylene chloride	ND	0.85	ND	0.24	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.85	ND	0.27	
76-13-1	Trichlorotrifluoroethane	ND	0.85	ND	0.11	
75-15-0	Carbon Disulfide	ND	0.85	ND	0.27	
156-60-5	trans-1,2-Dichloroethene	ND	0.85	ND	0.21	
75-34-3	1,1-Dichloroethane	ND	0.85	ND	0.21	
1634-04-4	Methyl tert-Butyl Ether	ND	0.85	ND	0.23	
108-05-4	Vinyl Acetate	ND	1.7	ND	0.48	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **A/C Area**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00813

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -3.9 Pf 1 = 3.5
Can D.F. = 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**5.1**	0.85	**1.7**	0.29	
156-59-2	cis-1,2-Dichloroethene	ND	0.85	ND	0.21	
110-54-3	n-Hexane	**1.3**	0.85	**0.36**	0.24	
67-66-3	Chloroform	ND	0.85	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.85	ND	0.21	
71-55-6	1,1,1-Trichloroethane	ND	0.85	ND	0.15	
71-43-2	Benzene	**1.4**	0.85	**0.45**	0.26	
56-23-5	Carbon Tetrachloride	**0.45**	0.17	**0.071**	0.027	
78-87-5	1,2-Dichloropropane	ND	0.85	ND	0.18	
75-27-4	Bromodichloromethane	ND	0.85	ND	0.13	
79-01-6	Trichloroethene	ND	0.17	ND	0.031	
123-91-1	1,4-Dioxane	ND	0.85	ND	0.23	
10061-01-5	cis-1,3-Dichloropropene	ND	0.85	ND	0.19	
108-10-1	4-Methyl-2-pentanone	**12**	0.85	**2.8**	0.21	
10061-02-6	trans-1,3-Dichloropropene	ND	0.85	ND	0.19	
79-00-5	1,1,2-Trichloroethane	ND	0.85	ND	0.15	
108-88-3	Toluene	**4.5**	0.85	**1.2**	0.22	
591-78-6	2-Hexanone	ND	0.85	ND	0.21	
124-48-1	Dibromochloromethane	ND	0.85	ND	0.099	
106-93-4	1,2-Dibromoethane	ND	0.85	ND	0.11	
123-86-4	n-Butyl Acetate	ND	0.85	ND	0.18	
127-18-4	Tetrachloroethene	**9.7**	0.85	**1.4**	0.12	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **A/C Area**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P2700779-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00813

Date Collected: 3/14/07
Date Received: 3/21/07
Date(s) Analyzed: 4/3 - 4/4/07
Volume(s) Analyzed: 1.00 Liter(s)
0.10 Liter(s)

Pi 1 = -3.9 Pf 1 = 3.5

Can D.F. = 1.69

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.85	ND	0.18	
100-41-4	Ethylbenzene	**3.1**	0.85	**0.71**	0.19	
179601-23-1	*m,p*-Xylenes	**14**	0.85	**3.1**	0.19	
75-25-2	Bromoform	ND	0.85	ND	0.082	
100-42-5	Styrene	ND	0.85	ND	0.20	
95-47-6	o-Xylene	**4.4**	0.85	**1.0**	0.19	
111-84-2	n-Nonane	ND	0.85	ND	0.16	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.85	ND	0.12	
98-82-8	Cumene	ND	0.85	ND	0.17	
80-56-8	alpha-Pinene	ND	0.85	ND	0.15	
622-96-8	4-Ethyltoluene	ND	0.85	ND	0.17	
108-67-8	1,3,5-Trimethylbenzene	ND	0.85	ND	0.17	
95-63-6	1,2,4-Trimethylbenzene	ND	0.85	ND	0.17	
100-44-7	Benzyl Chloride	ND	0.85	ND	0.16	
541-73-1	1,3-Dichlorobenzene	ND	0.85	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.85	ND	0.14	
95-50-1	1,2-Dichlorobenzene	ND	0.85	ND	0.14	
5989-27-5	d-Limonene	**1.3**	0.85	**0.23**	0.15	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.85	ND	0.087	
120-82-1	1,2,4-Trichlorobenzene	ND	0.85	ND	0.11	
91-20-3	Naphthalene	ND	0.85	ND	0.16	
87-68-3	Hexachlorobutadiene	ND	0.85	ND	0.079	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P070402-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	0.50	ND	0.22	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P070402-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	0.50	ND	0.17	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.10	ND	0.016	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.10	ND	0.019	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P070402-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/2/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p* -Xylenes	ND	0.50	ND	0.12	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P070403-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	0.50	ND	0.22	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P070403-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	0.50	ND	0.17	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P070403-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 4/3/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p* -Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779

Surrogate Spike Recovery Results

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Chris Parnell/Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 3/14/07
Date Received: 3/21/07
Date Analyzed: 4/2 - 4/3/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070402-MB	**93**	70-130	**99**	70-130	**111**	70-130	
Method Blank	P070403-MB	**93**	70-130	**97**	70-130	**102**	70-130	
Lab Control Sample	P070402-LCS	**92**	70-130	**100**	70-130	**111**	70-130	
Lab Control Sample	P070403-LCS	**98**	70-130	**97**	70-130	**101**	70-130	
Background	P2700779-001	**87**	70-130	**98**	70-130	**113**	70-130	
Cafeteria	P2700779-002	**88**	70-130	**98**	70-130	**113**	70-130	
Office Area #2	P2700779-003	**89**	70-130	**98**	70-130	**113**	70-130	
Office Area #1	P2700779-004	**88**	70-130	**98**	70-130	**113**	70-130	
Electrical Room	P2700779-005	**89**	70-130	**97**	70-130	**112**	70-130	
A/C Area	P2700779-006	**90**	70-130	**97**	70-130	**113**	70-130	

Verified By: RC Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Lab Control Sample** CAS Project ID: P2700779
Client Project ID: **Kirkwood/NJ000579.0001.00001** CAS Sample ID: P070402-LCS

Laboratory Control Sample (LCS) Summary

Test Code:	EPA TO-15	Date Collected:	NA
Instrument ID:	Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9	Date Received:	NA
Analyst:	Chris Parnell	Date Analyzed:	4/2/07
Sampling Media:	Summa Canister	Volume(s) Analyzed:	NA Liter
Test Notes:			

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	CAS Acceptance Limits	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	25.5	22.5	**88**	68-124	
74-87-3	Chloromethane	24.3	23.2	**95**	65-120	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	25.5	26.3	**103**	47-130	
75-01-4	Vinyl Chloride	24.8	24.6	**99**	67-127	
106-99-0	1,3-Butadiene	26.0	26.9	**103**	65-118	
74-83-9	Bromomethane	25.0	19.9	**80**	65-134	
75-00-3	Chloroethane	25.0	25.0	**100**	71-121	
64-17-5	Ethanol	22.3	23.9	**107**	66-133	
75-05-8	Acetonitrile	23.3	22.7	**97**	64-124	
107-02-8	Acrolein	23.3	24.7	**106**	61-121	
67-64-1	Acetone	26.5	23.5	**89**	62-113	
75-69-4	Trichlorofluoromethane	24.3	24.2	**100**	68-130	
67-63-0	2-Propanol (Isopropyl Alcohol)	24.5	25.1	**102**	72-119	
107-13-1	Acrylonitrile	25.5	27.6	**108**	71-129	
75-35-4	1,1-Dichloroethene	27.3	27.8	**102**	74-126	
75-09-2	Methylene chloride	26.8	23.2	**87**	68-120	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	26.0	26.3	**101**	61-128	
76-13-1	Trichlorotrifluoroethane	27.0	27.9	**103**	68-127	
75-15-0	Carbon Disulfide	25.0	24.8	**99**	69-126	
156-60-5	trans-1,2-Dichloroethene	26.3	26.7	**102**	76-124	
75-34-3	1,1-Dichloroethane	26.3	24.8	**94**	75-120	
1634-04-4	Methyl tert-Butyl Ether	26.3	26.0	**99**	68-123	
108-05-4	Vinyl Acetate	24.3	27.3	**112**	56-139	

Verified By: RG Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Lab Control Sample** CAS Project ID: P2700779
Client Project ID: **Kirkwood/NJ000579.0001.00001** CAS Sample ID: P070402-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Chris Parnell Date Analyzed: 4/2/07
Sampling Media: Summa Canister Volume(s) Analyzed: NA Liter
Test Notes:

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	CAS Acceptance Limits	Data Qualifier
78-93-3	2-Butanone (MEK)	26.8	28.6	**107**	74-126	
156-59-2	cis-1,2-Dichloroethene	26.5	26.0	**98**	77-122	
110-54-3	n-Hexane	26.8	25.1	**94**	72-119	
67-66-3	Chloroform	30.0	28.2	**94**	75-119	
107-06-2	1,2-Dichloroethane	26.0	25.3	**97**	74-125	
71-55-6	1,1,1-Trichloroethane	26.3	26.4	**100**	75-129	
71-43-2	Benzene	26.3	25.8	**98**	69-118	
56-23-5	Carbon Tetrachloride	25.8	28.4	**110**	72-139	
78-87-5	1,2-Dichloropropane	26.0	26.8	**103**	75-122	
75-27-4	Bromodichloromethane	27.5	29.1	**106**	79-125	
79-01-6	Trichloroethene	27.3	28.8	**105**	74-123	
123-91-1	1,4-Dioxane	27.3	31.0	**114**	80-128	
10061-01-5	cis-1,3-Dichloropropene	26.0	29.0	**112**	81-126	
108-10-1	4-Methyl-2-pentanone	26.5	29.8	**112**	78-132	
10061-02-6	trans-1,3-Dichloropropene	27.8	31.7	**114**	80-130	
79-00-5	1,1,2-Trichloroethane	25.8	27.9	**108**	76-123	
108-88-3	Toluene	26.0	26.0	**100**	74-124	
591-78-6	2-Hexanone	26.0	31.1	**120**	77-140	
124-48-1	Dibromochloromethane	26.5	30.5	**115**	81-139	
106-93-4	1,2-Dibromoethane	26.0	29.2	**112**	77-133	
123-86-4	n-Butyl Acetate	25.0	30.9	**124**	71-146	
127-18-4	Tetrachloroethene	25.8	26.9	**104**	71-135	

Verified By: RC Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P070402-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chris Parnell
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/2/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	CAS Acceptance Limits	Data Qualifier
108-90-7	Chlorobenzene	26.0	26.6	**102**	76-126	
100-41-4	Ethylbenzene	25.8	26.6	**103**	77-127	
179601-23-1	m,p-Xylenes	61.5	64.2	**104**	77-128	
75-25-2	Bromoform	31.3	37.7	**120**	77-143	
100-42-5	Styrene	25.8	30.4	**118**	71-139	
95-47-6	o-Xylene	29.0	30.7	**106**	76-128	
111-84-2	n-Nonane	25.0	25.0	**100**	73-131	
79-34-5	1,1,2,2-Tetrachloroethane	29.3	31.5	**108**	79-130	
98-82-8	Cumene	26.0	26.9	**103**	77-128	
80-56-8	alpha-Pinene	25.3	27.9	**110**	66-140	
622-96-8	4-Ethyltoluene	26.3	27.7	**105**	74-132	
108-67-8	1,3,5-Trimethylbenzene	25.5	27.3	**107**	72-134	
95-63-6	1,2,4-Trimethylbenzene	26.0	28.0	**108**	74-134	
100-44-7	Benzyl Chloride	25.5	32.1	**126**	72-174	
541-73-1	1,3-Dichlorobenzene	25.3	26.7	**106**	73-137	
106-46-7	1,4-Dichlorobenzene	26.0	27.3	**105**	71-136	
95-50-1	1,2-Dichlorobenzene	25.5	27.2	**107**	70-140	
5989-27-5	d-Limonene	25.3	29.9	**118**	20-202	
96-12-8	1,2-Dibromo-3-chloropropane	24.8	30.4	**123**	77-157	
120-82-1	1,2,4-Trichlorobenzene	26.8	32.5	**121**	68-154	
91-20-3	Naphthalene	26.0	33.5	**129**	63-160	
87-68-3	Hexachlorobutadiene	26.5	29.1	**110**	61-147	

Verified By: RC Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Lab Control Sample** CAS Project ID: P2700779
Client Project ID: **Kirkwood/NJ000579.0001.00001** CAS Sample ID: P070403-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8 Date Received: NA
Analyst: Liliana Marghitoiu Date Analyzed: 4/3/07
Sampling Media: Summa Canister Volume(s) Analyzed: NA Liter
Test Notes:

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	CAS Acceptance Limits	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	25.5	23.4	**92**	68-124	
74-87-3	Chloromethane	24.3	22.5	**93**	65-120	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	25.5	24.1	**95**	47-130	
75-01-4	Vinyl Chloride	24.8	25.1	**101**	67-127	
106-99-0	1,3-Butadiene	26.0	26.9	**103**	65-118	
74-83-9	Bromomethane	25.0	23.2	**93**	65-134	
75-00-3	Chloroethane	25.0	20.6	**82**	71-121	
64-17-5	Ethanol	22.3	20.3	**91**	66-133	
75-05-8	Acetonitrile	23.3	23.1	**99**	64-124	
107-02-8	Acrolein	23.3	23.0	**99**	61-121	
67-64-1	Acetone	26.5	22.1	**83**	62-113	
75-69-4	Trichlorofluoromethane	24.3	22.2	**91**	68-130	
67-63-0	2-Propanol (Isopropyl Alcohol)	24.5	21.0	**86**	72-119	
107-13-1	Acrylonitrile	25.5	24.8	**97**	71-129	
75-35-4	1,1-Dichloroethene	27.3	25.5	**93**	74-126	
75-09-2	Methylene chloride	26.8	23.9	**89**	68-120	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	26.0	25.4	**98**	61-128	
76-13-1	Trichlorotrifluoroethane	27.0	25.1	**93**	68-127	
75-15-0	Carbon Disulfide	25.0	23.0	**92**	69-126	
156-60-5	trans-1,2-Dichloroethene	26.3	24.8	**94**	76-124	
75-34-3	1,1-Dichloroethane	26.3	24.7	**94**	75-120	
1634-04-4	Methyl tert-Butyl Ether	26.3	25.3	**96**	68-123	
108-05-4	Vinyl Acetate	24.3	25.0	**103**	56-139	

Verified By: RC Date: 4/5/07

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P070403-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/3/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	CAS Acceptance Limits	Data Qualifier
78-93-3	2-Butanone (MEK)	26.8	24.9	**93**	74-126	
156-59-2	cis-1,2-Dichloroethene	26.5	25.0	**94**	77-122	
110-54-3	n-Hexane	26.8	25.4	**95**	72-119	
67-66-3	Chloroform	30.0	25.7	**86**	75-119	
107-06-2	1,2-Dichloroethane	26.0	24.6	**95**	74-125	
71-55-6	1,1,1-Trichloroethane	26.3	24.6	**94**	75-129	
71-43-2	Benzene	26.3	24.3	**92**	69-118	
56-23-5	Carbon Tetrachloride	25.8	23.5	**91**	72-139	
78-87-5	1,2-Dichloropropane	26.0	24.4	**94**	75-122	
75-27-4	Bromodichloromethane	27.5	24.9	**91**	79-125	
79-01-6	Trichloroethene	27.3	25.3	**93**	74-123	
123-91-1	1,4-Dioxane	27.3	26.2	**96**	80-128	
10061-01-5	cis-1,3-Dichloropropene	26.0	23.6	**91**	81-126	
108-10-1	4-Methyl-2-pentanone	26.5	26.6	**100**	78-132	
10061-02-6	trans-1,3-Dichloropropene	27.8	26.5	**95**	80-130	
79-00-5	1,1,2-Trichloroethane	25.8	24.4	**95**	76-123	
108-88-3	Toluene	26.0	23.6	**91**	74-124	
591-78-6	2-Hexanone	26.0	24.5	**94**	77-140	
124-48-1	Dibromochloromethane	26.5	24.7	**93**	81-139	
106-93-4	1,2-Dibromoethane	26.0	24.3	**93**	77-133	
123-86-4	n-Butyl Acetate	25.0	24.4	**98**	71-146	
127-18-4	Tetrachloroethene	25.8	23.8	**92**	71-135	

Verified By: RV Date: 4/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Kirkwood/NJ000579.0001.00001**

CAS Project ID: P2700779
CAS Sample ID: P070403-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 4/3/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	CAS Acceptance Limits	Data Qualifier
108-90-7	Chlorobenzene	26.0	23.7	**91**	76-126	
100-41-4	Ethylbenzene	25.8	24.1	**93**	77-127	
179601-23-1	m,p-Xylenes	61.5	57.5	**93**	77-128	
75-25-2	Bromoform	31.3	29.3	**94**	77-143	
100-42-5	Styrene	25.8	25.1	**97**	71-139	
95-47-6	o-Xylene	29.0	27.3	**94**	76-128	
111-84-2	n-Nonane	25.0	23.0	**92**	73-131	
79-34-5	1,1,2,2-Tetrachloroethane	29.3	27.5	**94**	79-130	
98-82-8	Cumene	26.0	24.6	**95**	77-128	
80-56-8	alpha-Pinene	25.3	24.7	**98**	66-140	
622-96-8	4-Ethyltoluene	26.3	25.2	**96**	74-132	
108-67-8	1,3,5-Trimethylbenzene	25.5	24.6	**96**	72-134	
95-63-6	1,2,4-Trimethylbenzene	26.0	25.2	**97**	74-134	
100-44-7	Benzyl Chloride	25.5	25.5	**100**	72-174	
541-73-1	1,3-Dichlorobenzene	25.3	24.3	**96**	73-137	
106-46-7	1,4-Dichlorobenzene	26.0	25.1	**97**	71-136	
95-50-1	1,2-Dichlorobenzene	25.5	24.6	**96**	70-140	
5989-27-5	d-Limonene	25.3	26.4	**104**	20-202	
96-12-8	1,2-Dibromo-3-chloropropane	24.8	28.6	**115**	77-157	
120-82-1	1,2,4-Trichlorobenzene	26.8	31.2	**116**	68-154	
91-20-3	Naphthalene	26.0	31.1	**120**	63-160	
87-68-3	Hexachlorobutadiene	26.5	32.0	**121**	61-147	

Verified By: RC Date: 4/5/07

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: ARCADIS U.S., Inc. Work order: P2700779

Project: Kirkwood/NJ000579.0001.00001

Sample(s) received on: 3/21/07 Date opened: 3/21/07 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2700779-001			NA	
P2700779-002			NA	
P2700779-003			NA	
P2700779-004			NA	
P2700779-005			NA	
P2700779-006			NA	

Explain any discrepancies: (include lab sample ID numbers):

Air - Chain of Custody Record & Analytical Service Request

Columbia Analytical Services INC.
An Employee - Owned Company

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. R2700779

Company Name & Address (Reporting Information)
ARCADIS BBL
8 South River Road
Cranbury NJ 08512

Project Name: Kirkwood

Project Number: NJ000579.0001.00001

CAS Contact: Alysal Fortune

Project Manager: Greg Albright

P.O. # / Billing Information: SAME

Phone: 609-860-0590 Fax: 609-860-0491

Email Address for Result Reporting: Gregory.Albright@ARCADIS-US.Com

Sampler (Print & Sign): Mitch Wacksman

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/ Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15	LTO Included			Comments e.g. Actual Preservative or specific instructions
Background	1-5.6	3/14/07	0828	Air	AC00580	FC00555	6L	X				
Cafeteria	2-10.8	3/14/07	0910	Air	AC00655	FC00495	6L	X				
Office Area #2	3-8.5	3/14/07	1475	Air	AC01106	FC00584	6L	X				
Office Area #1	4-3.3	3/14/07	0921	Air	AC01748	FC00046	6L	X				
Electrical Room	5-6.9	3/14/07	0903	Air	AC01214	FC00524	6L	X				
A/C Area	6-7.9	3/14/07	0901	Air	AC00813	FC00586	6L	X				
& Flow controlers	& 6	Gauges	Also	Included								

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) X
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____
EDD required Yes / No
Type: _____ EDD Units: _____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Mitch Wacksman	3/16/07	1100	[illegible]	3/21/07	1040
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank 14435
Temperature °C 11+2

ARCADIS

Attachment B

CAS Laboratory Analytical Report, September 2007

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

September 24, 2007

Ms. Nadine Weinberg
ARCADIS U.S., Inc.
482 Congress Street, Suite 501
Portland, ME 04101

RE: P2702693
Dover Binghamton/NJ000616.0002.00002

Dear Ms. Weinberg:

Enclosed are the results of the sample(s) submitted to our laboratory on August 30, 2007. For your reference, these analyses have been assigned our service request number P2702693.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein. Your report contains 429 pages.

Columbia Analytical Services, Inc. is certified by the California Department of Health Services, NELAP Laboratory Certificate No. 02115CA; Arizona Department of Health Services, Certificate No. AZ0694; Florida Department of Health, NELAP Certification E871020; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661; Department of the Navy (NFESC); Pennsylvania Registration No. 68-03307. Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact me for information corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

John Yokoyama
Operations Manager

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

Client:	ARCADIS U.S., Inc.	Date of Report:	09/24/07
Address:	482 Congress Street, Suite 501	Date Received:	08/30/07
	Portland, ME 04101	CAS Project No:	P2702693
Contact:	Ms. Nadine Weinberg	Purchase Order:	NJ000616.0001
Client Project ID:	Dover Binghamton/NJ000616.0002.00002	New York Lab ID:	11221

Eight (8) Stainless Steel Summa Canisters labeled:

"Back Ground"	"Electrical"	"Cafeteria"	"Office Area #1"
"Hallway"	"Computer Room"	"Office Area #2"	"A/C Area"

The samples were received at the laboratory under chain of custody on August 30, 2007. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

Volatile Organic Compound Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) for selected volatile organic compounds. The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical system used was comprised of an Agilent Model 5973inert GC/MS/DS interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The results of analyses are given in the attached data package. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Reviewed and Approved:

Wida Ang

Wida Ang
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Chris Parnell

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: ARCADIS U.S., Inc. Work order: P2702693

Project: Dover Binghamton/NJ000616.0002.00002

Sample(s) received on: 08/30/07 Date opened: 08/30/07 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2702693-001			NA	
P2702693-002			NA	
P2702693-003			NA	
P2702693-004			NA	
P2702693-005			NA	
P2702693-006			NA	
P2702693-007			NA	
P2702693-008			NA	

Explain any discrepancies: (include lab sample ID numbers):

RESULTS OF VOLATILE ORGANIC ANALYSIS

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Back Ground**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01160

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.6

Can D.F. = 1.65

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	0.83	**0.48**	0.17	
74-87-3	Chloromethane	ND	0.83	ND	0.40	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.83	ND	0.12	
75-01-4	Vinyl Chloride	ND	0.83	ND	0.32	
106-99-0	1,3-Butadiene	ND	0.83	ND	0.37	
74-83-9	Bromomethane	ND	0.83	ND	0.21	
75-00-3	Chloroethane	ND	0.83	ND	0.31	
64-17-5	Ethanol	ND	8.3	ND	4.4	
75-05-8	Acetonitrile	ND	0.83	ND	0.49	
107-02-8	Acrolein	**1.1**	0.83	**0.47**	0.36	
67-64-1	Acetone	**18**	8.3	**7.5**	3.5	
75-69-4	Trichlorofluoromethane	**1.2**	0.83	**0.22**	0.15	
67-63-0	2-Propanol (Isopropyl Alcohol)	**7.6**	0.83	**3.1**	0.34	
107-13-1	Acrylonitrile	ND	0.83	ND	0.38	
75-35-4	1,1-Dichloroethene	ND	0.83	ND	0.21	
75-09-2	Methylene chloride	ND	0.83	ND	0.24	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.83	ND	0.26	
76-13-1	Trichlorotrifluoroethane	ND	0.83	ND	0.11	
75-15-0	Carbon Disulfide	**1.0**	0.83	**0.32**	0.27	
156-60-5	trans-1,2-Dichloroethene	ND	0.83	ND	0.21	
75-34-3	1,1-Dichloroethane	ND	0.83	ND	0.20	
1634-04-4	Methyl tert-Butyl Ether	ND	0.83	ND	0.23	
108-05-4	Vinyl Acetate	ND	8.3	ND	2.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Back Ground**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01160

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi l = -3.6 Pf l = 3.6

Can D.F. = 1.65

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**2.4**	0.83	**0.81**	0.28	
156-59-2	cis-1,2-Dichloroethene	ND	0.83	ND	0.21	
110-54-3	n-Hexane	ND	0.83	ND	0.23	
67-66-3	Chloroform	ND	0.83	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.83	ND	0.20	
71-55-6	1,1,1-Trichloroethane	ND	0.83	ND	0.15	
71-43-2	Benzene	ND	0.83	ND	0.26	
56-23-5	Carbon Tetrachloride	**0.45**	0.17	**0.072**	0.026	
78-87-5	1,2-Dichloropropane	ND	0.83	ND	0.18	
75-27-4	Bromodichloromethane	ND	0.83	ND	0.12	
79-01-6	Trichloroethene	ND	0.17	ND	0.031	
123-91-1	1,4-Dioxane	ND	0.83	ND	0.23	
10061-01-5	cis-1,3-Dichloropropene	ND	0.83	ND	0.18	
108-10-1	4-Methyl-2-pentanone	ND	0.83	ND	0.20	
10061-02-6	trans-1,3-Dichloropropene	ND	0.83	ND	0.18	
79-00-5	1,1,2-Trichloroethane	ND	0.83	ND	0.15	
108-88-3	Toluene	**4.8**	0.83	**1.3**	0.22	
591-78-6	2-Hexanone	ND	0.83	ND	0.20	
124-48-1	Dibromochloromethane	ND	0.83	ND	0.097	
106-93-4	1,2-Dibromoethane	ND	0.83	ND	0.11	
123-86-4	n-Butyl Acetate	ND	0.83	ND	0.17	
127-18-4	Tetrachloroethene	**1.0**	0.83	**0.15**	0.12	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/11/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Back Ground**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01160

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.6

Can D.F. = 1.65

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.83	ND	0.18	
100-41-4	Ethylbenzene	**1.1**	0.83	**0.26**	0.19	
179601-23-1	*m,p* -Xylenes	**2.5**	0.83	**0.58**	0.19	
75-25-2	Bromoform	ND	0.83	ND	0.080	
100-42-5	Styrene	ND	0.83	ND	0.19	
95-47-6	o-Xylene	ND	0.83	ND	0.19	
111-84-2	n-Nonane	ND	0.83	ND	0.16	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.83	ND	0.12	
98-82-8	Cumene	ND	0.83	ND	0.17	
80-56-8	alpha-Pinene	ND	0.83	ND	0.15	
622-96-8	4-Ethyltoluene	ND	0.83	ND	0.17	
108-67-8	1,3,5-Trimethylbenzene	ND	0.83	ND	0.17	
95-63-6	1,2,4-Trimethylbenzene	ND	0.83	ND	0.17	
100-44-7	Benzyl Chloride	ND	0.83	ND	0.16	
541-73-1	1,3-Dichlorobenzene	ND	0.83	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.83	ND	0.14	
95-50-1	1,2-Dichlorobenzene	ND	0.83	ND	0.14	
5989-27-5	d-Limonene	ND	0.83	ND	0.15	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.83	ND	0.085	
120-82-1	1,2,4-Trichlorobenzene	ND	0.83	ND	0.11	
91-20-3	Naphthalene	ND	0.83	ND	0.16	
87-68-3	Hexachlorobutadiene	ND	0.83	ND	0.077	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Electrical**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00631

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -1.0 Pf 1 = 3.5

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**7.3**	0.67	**1.5**	0.13	
74-87-3	Chloromethane	**0.73**	0.67	**0.35**	0.32	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.67	ND	0.095	
75-01-4	Vinyl Chloride	ND	0.67	ND	0.26	
106-99-0	1,3-Butadiene	ND	0.67	ND	0.30	
74-83-9	Bromomethane	ND	0.67	ND	0.17	
75-00-3	Chloroethane	ND	0.67	ND	0.25	
64-17-5	Ethanol	**150**	6.7	**78**	3.5	
75-05-8	Acetonitrile	ND	0.67	ND	0.40	
107-02-8	Acrolein	**1.8**	0.67	**0.77**	0.29	
67-64-1	Acetone	**33**	6.7	**14**	2.8	
75-69-4	Trichlorofluoromethane	**34**	0.67	**6.1**	0.12	
67-63-0	2-Propanol (Isopropyl Alcohol)	**48**	0.67	**19**	0.27	
107-13-1	Acrylonitrile	ND	0.67	ND	0.31	
75-35-4	1,1-Dichloroethene	ND	0.67	ND	0.17	
75-09-2	Methylene chloride	ND	0.67	ND	0.19	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.67	ND	0.21	
76-13-1	Trichlorotrifluoroethane	ND	0.67	ND	0.087	
75-15-0	Carbon Disulfide	ND	0.67	ND	0.21	
156-60-5	trans-1,2-Dichloroethene	ND	0.67	ND	0.17	
75-34-3	1,1-Dichloroethane	ND	0.67	ND	0.16	
1634-04-4	Methyl tert-Butyl Ether	ND	0.67	ND	0.18	
108-05-4	Vinyl Acetate	ND	6.7	ND	1.9	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 9/11/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Electrical**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00631

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -1.0 Pf 1 = 3.5

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**3.8**	0.67	**1.3**	0.23	
156-59-2	cis-1,2-Dichloroethene	ND	0.67	ND	0.17	
110-54-3	n-Hexane	**1.3**	0.67	**0.36**	0.19	
67-66-3	Chloroform	ND	0.67	ND	0.14	
107-06-2	1,2-Dichloroethane	ND	0.67	ND	0.16	
71-55-6	1,1,1-Trichloroethane	ND	0.67	ND	0.12	
71-43-2	Benzene	**0.95**	0.67	**0.30**	0.21	
56-23-5	Carbon Tetrachloride	**0.45**	0.13	**0.072**	0.021	
78-87-5	1,2-Dichloropropane	ND	0.67	ND	0.14	
75-27-4	Bromodichloromethane	ND	0.67	ND	0.099	
79-01-6	Trichloroethene	**0.17**	0.13	**0.032**	0.025	
123-91-1	1,4-Dioxane	ND	0.67	ND	0.18	
10061-01-5	cis-1,3-Dichloropropene	ND	0.67	ND	0.15	
108-10-1	4-Methyl-2-pentanone	**3.0**	0.67	**0.73**	0.16	
10061-02-6	trans-1,3-Dichloropropene	ND	0.67	ND	0.15	
79-00-5	1,1,2-Trichloroethane	ND	0.67	ND	0.12	
108-88-3	Toluene	**11**	0.67	**2.8**	0.18	
591-78-6	2-Hexanone	ND	0.67	ND	0.16	
124-48-1	Dibromochloromethane	ND	0.67	ND	0.078	
106-93-4	1,2-Dibromoethane	ND	0.67	ND	0.087	
123-86-4	n-Butyl Acetate	**1.4**	0.67	**0.30**	0.14	
127-18-4	Tetrachloroethene	**14**	0.67	**2.1**	0.098	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rec Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Electrical**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00631

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -1.0 Pf 1 = 3.5

Can D.F. = 1.33

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.67	ND	0.14	
100-41-4	Ethylbenzene	**2.1**	0.67	**0.48**	0.15	
179601-23-1	*m,p* -Xylenes	**4.4**	0.67	**1.0**	0.15	
75-25-2	Bromoform	ND	0.67	ND	0.064	
100-42-5	Styrene	**1.2**	0.67	**0.27**	0.16	
95-47-6	o-Xylene	**1.4**	0.67	**0.33**	0.15	
111-84-2	n-Nonane	**0.94**	0.67	**0.18**	0.13	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.67	ND	0.097	
98-82-8	Cumene	ND	0.67	ND	0.14	
80-56-8	alpha-Pinene	**1.3**	0.67	**0.23**	0.12	
622-96-8	4-Ethyltoluene	ND	0.67	ND	0.14	
108-67-8	1,3,5-Trimethylbenzene	ND	0.67	ND	0.14	
95-63-6	1,2,4-Trimethylbenzene	**3.0**	0.67	**0.61**	0.14	
100-44-7	Benzyl Chloride	ND	0.67	ND	0.13	
541-73-1	1,3-Dichlorobenzene	ND	0.67	ND	0.11	
106-46-7	1,4-Dichlorobenzene	ND	0.67	ND	0.11	
95-50-1	1,2-Dichlorobenzene	ND	0.67	ND	0.11	
5989-27-5	d-Limonene	**5.7**	0.67	**1.0**	0.12	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.67	ND	0.069	
120-82-1	1,2,4-Trichlorobenzene	ND	0.67	ND	0.090	
91-20-3	Naphthalene	ND	0.67	ND	0.13	
87-68-3	Hexachlorobutadiene	ND	0.67	ND	0.062	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rez Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Cafeteria**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01460

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.4**	0.72	**0.69**	0.15	
74-87-3	Chloromethane	**0.74**	0.72	**0.36**	0.35	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.72	ND	0.10	
75-01-4	Vinyl Chloride	ND	0.72	ND	0.28	
106-99-0	1,3-Butadiene	ND	0.72	ND	0.33	
74-83-9	Bromomethane	ND	0.72	ND	0.19	
75-00-3	Chloroethane	ND	0.72	ND	0.27	
64-17-5	Ethanol	**210**	7.2	**110**	3.8	
75-05-8	Acetonitrile	ND	0.72	ND	0.43	
107-02-8	Acrolein	**1.6**	0.72	**0.68**	0.31	
67-64-1	Acetone	**32**	7.2	**13**	3.0	
75-69-4	Trichlorofluoromethane	**7.0**	0.72	**1.3**	0.13	
67-63-0	2-Propanol (Isopropyl Alcohol)	**73**	0.72	**30**	0.29	
107-13-1	Acrylonitrile	ND	0.72	ND	0.33	
75-35-4	1,1-Dichloroethene	ND	0.72	ND	0.18	
75-09-2	Methylene chloride	ND	0.72	ND	0.21	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.72	ND	0.23	
76-13-1	Trichlorotrifluoroethane	ND	0.72	ND	0.094	
75-15-0	Carbon Disulfide	ND	0.72	ND	0.23	
156-60-5	trans-1,2-Dichloroethene	ND	0.72	ND	0.18	
75-34-3	1,1-Dichloroethane	ND	0.72	ND	0.18	
1634-04-4	Methyl tert-Butyl Ether	ND	0.72	ND	0.20	
108-05-4	Vinyl Acetate	ND	7.2	ND	2.0	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Cafeteria**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01460

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**4.9**	0.72	**1.7**	0.24	
156-59-2	cis-1,2-Dichloroethene	ND	0.72	ND	0.18	
110-54-3	n-Hexane	**1.4**	0.72	**0.39**	0.20	
67-66-3	Chloroform	ND	0.72	ND	0.15	
107-06-2	1,2-Dichloroethane	ND	0.72	ND	0.18	
71-55-6	1,1,1-Trichloroethane	ND	0.72	ND	0.13	
71-43-2	Benzene	**0.93**	0.72	**0.29**	0.23	
56-23-5	Carbon Tetrachloride	**0.46**	0.14	**0.073**	0.023	
78-87-5	1,2-Dichloropropane	ND	0.72	ND	0.16	
75-27-4	Bromodichloromethane	ND	0.72	ND	0.11	
79-01-6	Trichloroethene	ND	0.14	ND	0.027	
123-91-1	1,4-Dioxane	ND	0.72	ND	0.20	
10061-01-5	cis-1,3-Dichloropropene	ND	0.72	ND	0.16	
108-10-1	4-Methyl-2-pentanone	**4.2**	0.72	**1.0**	0.18	
10061-02-6	trans-1,3-Dichloropropene	ND	0.72	ND	0.16	
79-00-5	1,1,2-Trichloroethane	ND	0.72	ND	0.13	
108-88-3	Toluene	**11**	0.72	**3.1**	0.19	
591-78-6	2-Hexanone	ND	0.72	ND	0.18	
124-48-1	Dibromochloromethane	ND	0.72	ND	0.085	
106-93-4	1,2-Dibromoethane	ND	0.72	ND	0.094	
123-86-4	n-Butyl Acetate	**2.0**	0.72	**0.42**	0.15	
127-18-4	Tetrachloroethene	**8.6**	0.72	**1.3**	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Cafeteria**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01460

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -2.1 Pf 1 = 3.5

Can D.F. = 1.44

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.72	ND	0.16	
100-41-4	Ethylbenzene	**0.94**	0.72	**0.22**	0.17	
179601-23-1	*m,p* -Xylenes	**3.1**	0.72	**0.71**	0.17	
75-25-2	Bromoform	ND	0.72	ND	0.070	
100-42-5	Styrene	**2.0**	0.72	**0.48**	0.17	
95-47-6	o-Xylene	**1.0**	0.72	**0.23**	0.17	
111-84-2	n-Nonane	**1.1**	0.72	**0.22**	0.14	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.72	ND	0.10	
98-82-8	Cumene	ND	0.72	ND	0.15	
80-56-8	alpha-Pinene	**1.2**	0.72	**0.21**	0.13	
622-96-8	4-Ethyltoluene	ND	0.72	ND	0.15	
108-67-8	1,3,5-Trimethylbenzene	ND	0.72	ND	0.15	
95-63-6	1,2,4-Trimethylbenzene	ND	0.72	ND	0.15	
100-44-7	Benzyl Chloride	ND	0.72	ND	0.14	
541-73-1	1,3-Dichlorobenzene	ND	0.72	ND	0.12	
106-46-7	1,4-Dichlorobenzene	ND	0.72	ND	0.12	
95-50-1	1,2-Dichlorobenzene	ND	0.72	ND	0.12	
5989-27-5	d-Limonene	**7.3**	0.72	**1.3**	0.13	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.72	ND	0.075	
120-82-1	1,2,4-Trichlorobenzene	ND	0.72	ND	0.097	
91-20-3	Naphthalene	ND	0.72	ND	0.14	
87-68-3	Hexachlorobutadiene	ND	0.72	ND	0.068	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00653

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.4**	0.82	**0.70**	0.17	
74-87-3	Chloromethane	ND	0.82	ND	0.40	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.82	ND	0.12	
75-01-4	Vinyl Chloride	ND	0.82	ND	0.32	
106-99-0	1,3-Butadiene	ND	0.82	ND	0.37	
74-83-9	Bromomethane	ND	0.82	ND	0.21	
75-00-3	Chloroethane	ND	0.82	ND	0.31	
64-17-5	Ethanol	**270**	8.2	**140**	4.4	
75-05-8	Acetonitrile	ND	0.82	ND	0.49	
107-02-8	Acrolein	**1.2**	0.82	**0.52**	0.36	
67-64-1	Acetone	**46**	8.2	**20**	3.5	
75-69-4	Trichlorofluoromethane	**7.7**	0.82	**1.4**	0.15	
67-63-0	2-Propanol (Isopropyl Alcohol)	**120**	0.82	**49**	0.33	
107-13-1	Acrylonitrile	ND	0.82	ND	0.38	
75-35-4	1,1-Dichloroethene	ND	0.82	ND	0.21	
75-09-2	Methylene chloride	ND	0.82	ND	0.24	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.82	ND	0.26	
76-13-1	Trichlorotrifluoroethane	ND	0.82	ND	0.11	
75-15-0	Carbon Disulfide	ND	0.82	ND	0.26	
156-60-5	trans-1,2-Dichloroethene	ND	0.82	ND	0.21	
75-34-3	1,1-Dichloroethane	ND	0.82	ND	0.20	
1634-04-4	Methyl tert-Butyl Ether	**3.3**	0.82	**0.91**	0.23	
108-05-4	Vinyl Acetate	ND	8.2	ND	2.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/11/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00653

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**42**	0.82	**14**	0.28	
156-59-2	cis-1,2-Dichloroethene	ND	0.82	ND	0.21	
110-54-3	n-Hexane	**1.5**	0.82	**0.44**	0.23	
67-66-3	Chloroform	ND	0.82	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.82	ND	0.20	
71-55-6	1,1,1-Trichloroethane	ND	0.82	ND	0.15	
71-43-2	Benzene	**1.1**	0.82	**0.35**	0.26	
56-23-5	Carbon Tetrachloride	**0.44**	0.16	**0.071**	0.026	
78-87-5	1,2-Dichloropropane	ND	0.82	ND	0.18	
75-27-4	Bromodichloromethane	ND	0.82	ND	0.12	
79-01-6	Trichloroethene	ND	0.16	ND	0.031	
123-91-1	1,4-Dioxane	ND	0.82	ND	0.23	
10061-01-5	cis-1,3-Dichloropropene	ND	0.82	ND	0.18	
108-10-1	4-Methyl-2-pentanone	**4.5**	0.82	**1.1**	0.20	
10061-02-6	trans-1,3-Dichloropropene	ND	0.82	ND	0.18	
79-00-5	1,1,2-Trichloroethane	ND	0.82	ND	0.15	
108-88-3	Toluene	**18**	0.82	**4.8**	0.22	
591-78-6	2-Hexanone	ND	0.82	ND	0.20	
124-48-1	Dibromochloromethane	ND	0.82	ND	0.096	
106-93-4	1,2-Dibromoethane	ND	0.82	ND	0.11	
123-86-4	n-Butyl Acetate	**2.2**	0.82	**0.45**	0.17	
127-18-4	Tetrachloroethene	**11**	0.82	**1.6**	0.12	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00653

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.82	ND	0.18	
100-41-4	Ethylbenzene	**1.1**	0.82	**0.25**	0.19	
179601-23-1	*m,p*-Xylenes	**3.4**	0.82	**0.78**	0.19	
75-25-2	Bromoform	ND	0.82	ND	0.079	
100-42-5	Styrene	**2.0**	0.82	**0.46**	0.19	
95-47-6	o-Xylene	**1.1**	0.82	**0.26**	0.19	
111-84-2	n-Nonane	**2.9**	0.82	**0.56**	0.16	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.82	ND	0.12	
98-82-8	Cumene	ND	0.82	ND	0.17	
80-56-8	alpha-Pinene	**1.3**	0.82	**0.23**	0.15	
622-96-8	4-Ethyltoluene	ND	0.82	ND	0.17	
108-67-8	1,3,5-Trimethylbenzene	ND	0.82	ND	0.17	
95-63-6	1,2,4-Trimethylbenzene	**0.89**	0.82	**0.18**	0.17	
100-44-7	Benzyl Chloride	ND	0.82	ND	0.16	
541-73-1	1,3-Dichlorobenzene	ND	0.82	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.82	ND	0.14	
95-50-1	1,2-Dichlorobenzene	ND	0.82	ND	0.14	
5989-27-5	d-Limonene	**8.3**	0.82	**1.5**	0.15	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.82	ND	0.085	
120-82-1	1,2,4-Trichlorobenzene	ND	0.82	ND	0.11	
91-20-3	Naphthalene	ND	0.82	ND	0.16	
87-68-3	Hexachlorobutadiene	ND	0.82	ND	0.077	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/6/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-004DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00653

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.4**	0.82	**0.69**	0.17	
74-87-3	Chloromethane	ND	0.82	ND	0.40	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.82	ND	0.12	
75-01-4	Vinyl Chloride	ND	0.82	ND	0.32	
106-99-0	1,3-Butadiene	ND	0.82	ND	0.37	
74-83-9	Bromomethane	ND	0.82	ND	0.21	
75-00-3	Chloroethane	ND	0.82	ND	0.31	
64-17-5	Ethanol	**260**	8.2	**140**	4.4	
75-05-8	Acetonitrile	ND	0.82	ND	0.49	
107-02-8	Acrolein	**1.2**	0.82	**0.52**	0.36	
67-64-1	Acetone	**45**	8.2	**19**	3.5	
75-69-4	Trichlorofluoromethane	**7.5**	0.82	**1.3**	0.15	
67-63-0	2-Propanol (Isopropyl Alcohol)	**120**	0.82	**49**	0.33	
107-13-1	Acrylonitrile	ND	0.82	ND	0.38	
75-35-4	1,1-Dichloroethene	ND	0.82	ND	0.21	
75-09-2	Methylene chloride	ND	0.82	ND	0.24	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.82	ND	0.26	
76-13-1	Trichlorotrifluoroethane	ND	0.82	ND	0.11	
75-15-0	Carbon Disulfide	ND	0.82	ND	0.26	
156-60-5	trans-1,2-Dichloroethene	ND	0.82	ND	0.21	
75-34-3	1,1-Dichloroethane	ND	0.82	ND	0.20	
1634-04-4	Methyl tert-Butyl Ether	**3.2**	0.82	**0.89**	0.23	
108-05-4	Vinyl Acetate	ND	8.2	ND	2.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RLS Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-004DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00653

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**41**	0.82	**14**	0.28	
156-59-2	cis-1,2-Dichloroethene	ND	0.82	ND	0.21	
110-54-3	n-Hexane	**1.5**	0.82	**0.43**	0.23	
67-66-3	Chloroform	ND	0.82	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.82	ND	0.20	
71-55-6	1,1,1-Trichloroethane	ND	0.82	ND	0.15	
71-43-2	Benzene	**1.1**	0.82	**0.35**	0.26	
56-23-5	Carbon Tetrachloride	**0.44**	0.16	**0.071**	0.026	
78-87-5	1,2-Dichloropropane	ND	0.82	ND	0.18	
75-27-4	Bromodichloromethane	ND	0.82	ND	0.12	
79-01-6	Trichloroethene	ND	0.16	ND	0.031	
123-91-1	1,4-Dioxane	ND	0.82	ND	0.23	
10061-01-5	cis-1,3-Dichloropropene	ND	0.82	ND	0.18	
108-10-1	4-Methyl-2-pentanone	**4.4**	0.82	**1.1**	0.20	
10061-02-6	trans-1,3-Dichloropropene	ND	0.82	ND	0.18	
79-00-5	1,1,2-Trichloroethane	ND	0.82	ND	0.15	
108-88-3	Toluene	**18**	0.82	**4.8**	0.22	
591-78-6	2-Hexanone	ND	0.82	ND	0.20	
124-48-1	Dibromochloromethane	ND	0.82	ND	0.096	
106-93-4	1,2-Dibromoethane	ND	0.82	ND	0.11	
123-86-4	n-Butyl Acetate	**2.1**	0.82	**0.45**	0.17	
127-18-4	Tetrachloroethene	**11**	0.82	**1.6**	0.12	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: ARCADIS U.S., Inc.
Client Sample ID: Office Area #1
Client Project ID: Dover Binghamton/NJ000616.0002.00002

CAS Project ID: P2702693
CAS Sample ID: P2702693-004DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00653

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -3.6 Pf 1 = 3.5

Can D.F. = 1.64

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.82	ND	0.18	
100-41-4	Ethylbenzene	**1.0**	0.82	**0.24**	0.19	
179601-23-1	*m,p* -Xylenes	**3.3**	0.82	**0.76**	0.19	
75-25-2	Bromoform	ND	0.82	ND	0.079	
100-42-5	Styrene	**2.0**	0.82	**0.46**	0.19	
95-47-6	o-Xylene	**1.1**	0.82	**0.25**	0.19	
111-84-2	n-Nonane	**2.7**	0.82	**0.52**	0.16	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.82	ND	0.12	
98-82-8	Cumene	ND	0.82	ND	0.17	
80-56-8	alpha-Pinene	**1.2**	0.82	**0.22**	0.15	
622-96-8	4-Ethyltoluene	ND	0.82	ND	0.17	
108-67-8	1,3,5-Trimethylbenzene	ND	0.82	ND	0.17	
95-63-6	1,2,4-Trimethylbenzene	**0.88**	0.82	**0.18**	0.17	
100-44-7	Benzyl Chloride	ND	0.82	ND	0.16	
541-73-1	1,3-Dichlorobenzene	ND	0.82	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.82	ND	0.14	
95-50-1	1,2-Dichlorobenzene	ND	0.82	ND	0.14	
5989-27-5	d-Limonene	**8.4**	0.82	**1.5**	0.15	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.82	ND	0.085	
120-82-1	1,2,4-Trichlorobenzene	ND	0.82	ND	0.11	
91-20-3	Naphthalene	ND	0.82	ND	0.16	
87-68-3	Hexachlorobutadiene	ND	0.82	ND	0.077	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Hallway**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00954

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -0.3 Pf 1 = 3.5

Can D.F. = 1.26

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**3.1**	0.63	**0.62**	0.13	
74-87-3	Chloromethane	**0.71**	0.63	**0.35**	0.31	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.63	ND	0.090	
75-01-4	Vinyl Chloride	ND	0.63	ND	0.25	
106-99-0	1,3-Butadiene	ND	0.63	ND	0.28	
74-83-9	Bromomethane	ND	0.63	ND	0.16	
75-00-3	Chloroethane	ND	0.63	ND	0.24	
64-17-5	Ethanol	**110**	6.3	**56**	3.3	
75-05-8	Acetonitrile	ND	0.63	ND	0.38	
107-02-8	Acrolein	**1.1**	0.63	**0.46**	0.27	
67-64-1	Acetone	**34**	6.3	**14**	2.7	
75-69-4	Trichlorofluoromethane	**4.5**	0.63	**0.79**	0.11	
67-63-0	2-Propanol (Isopropyl Alcohol)	**200**	0.63	**81**	0.26	
107-13-1	Acrylonitrile	ND	0.63	ND	0.29	
75-35-4	1,1-Dichloroethene	ND	0.63	ND	0.16	
75-09-2	Methylene chloride	ND	0.63	ND	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.63	ND	0.20	
76-13-1	Trichlorotrifluoroethane	ND	0.63	ND	0.082	
75-15-0	Carbon Disulfide	ND	0.63	ND	0.20	
156-60-5	trans-1,2-Dichloroethene	ND	0.63	ND	0.16	
75-34-3	1,1-Dichloroethane	ND	0.63	ND	0.16	
1634-04-4	Methyl tert-Butyl Ether	ND	0.63	ND	0.17	
108-05-4	Vinyl Acetate	ND	6.3	ND	1.8	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/11/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Hallway**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00954

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -0.3 Pf 1 = 3.5

Can D.F. = 1.26

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**3.7**	0.63	**1.2**	0.21	
156-59-2	cis-1,2-Dichloroethene	ND	0.63	ND	0.16	
110-54-3	n-Hexane	**0.85**	0.63	**0.24**	0.18	
67-66-3	Chloroform	ND	0.63	ND	0.13	
107-06-2	1,2-Dichloroethane	ND	0.63	ND	0.16	
71-55-6	1,1,1-Trichloroethane	ND	0.63	ND	0.12	
71-43-2	Benzene	**1.2**	0.63	**0.37**	0.20	
56-23-5	Carbon Tetrachloride	**0.44**	0.13	**0.069**	0.020	
78-87-5	1,2-Dichloropropane	ND	0.63	ND	0.14	
75-27-4	Bromodichloromethane	ND	0.63	ND	0.094	
79-01-6	Trichloroethene	ND	0.13	ND	0.023	
123-91-1	1,4-Dioxane	ND	0.63	ND	0.17	
10061-01-5	cis-1,3-Dichloropropene	ND	0.63	ND	0.14	
108-10-1	4-Methyl-2-pentanone	**4.3**	0.63	**1.0**	0.15	
10061-02-6	trans-1,3-Dichloropropene	ND	0.63	ND	0.14	
79-00-5	1,1,2-Trichloroethane	ND	0.63	ND	0.12	
108-88-3	Toluene	**11**	0.63	**2.8**	0.17	
591-78-6	2-Hexanone	ND	0.63	ND	0.15	
124-48-1	Dibromochloromethane	ND	0.63	ND	0.074	
106-93-4	1,2-Dibromoethane	ND	0.63	ND	0.082	
123-86-4	n-Butyl Acetate	**0.85**	0.63	**0.18**	0.13	
127-18-4	Tetrachloroethene	**3.9**	0.63	**0.58**	0.093	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Hallway**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00954

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -0.3 Pf 1 = 3.5

Can D.F. = 1.26

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.63	ND	0.14	
100-41-4	Ethylbenzene	**1.6**	0.63	**0.36**	0.15	
179601-23-1	*m,p* -Xylenes	**6.4**	0.63	**1.5**	0.15	
75-25-2	Bromoform	ND	0.63	ND	0.061	
100-42-5	Styrene	**3.5**	0.63	**0.83**	0.15	
95-47-6	o-Xylene	**2.8**	0.63	**0.64**	0.15	
111-84-2	n-Nonane	**0.96**	0.63	**0.18**	0.12	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.63	ND	0.092	
98-82-8	Cumene	ND	0.63	ND	0.13	
80-56-8	alpha-Pinene	**1.7**	0.63	**0.31**	0.11	
622-96-8	4-Ethyltoluene	ND	0.63	ND	0.13	
108-67-8	1,3,5-Trimethylbenzene	ND	0.63	ND	0.13	
95-63-6	1,2,4-Trimethylbenzene	**2.0**	0.63	**0.41**	0.13	
100-44-7	Benzyl Chloride	ND	0.63	ND	0.12	
541-73-1	1,3-Dichlorobenzene	ND	0.63	ND	0.10	
106-46-7	1,4-Dichlorobenzene	ND	0.63	ND	0.10	
95-50-1	1,2-Dichlorobenzene	ND	0.63	ND	0.10	
5989-27-5	d-Limonene	**3.1**	0.63	**0.55**	0.11	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.63	ND	0.065	
120-82-1	1,2,4-Trichlorobenzene	ND	0.63	ND	0.085	
91-20-3	Naphthalene	**1.2**	0.63	**0.22**	0.12	
87-68-3	Hexachlorobutadiene	ND	0.63	ND	0.059	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 9/4/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Computer Room**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01257

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -2.7 Pf 1 = 3.6

Can D.F. = 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**5.3**	0.77	**1.1**	0.15	
74-87-3	Chloromethane	ND	0.77	ND	0.37	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.77	ND	0.11	
75-01-4	Vinyl Chloride	ND	0.77	ND	0.30	
106-99-0	1,3-Butadiene	ND	0.77	ND	0.35	
74-83-9	Bromomethane	ND	0.77	ND	0.20	
75-00-3	Chloroethane	ND	0.77	ND	0.29	
64-17-5	Ethanol	**160**	7.7	**87**	4.1	
75-05-8	Acetonitrile	ND	0.77	ND	0.46	
107-02-8	Acrolein	**1.6**	0.77	**0.69**	0.33	
67-64-1	Acetone	**31**	7.7	**13**	3.2	
75-69-4	Trichlorofluoromethane	**17**	0.77	**3.0**	0.14	
67-63-0	2-Propanol (Isopropyl Alcohol)	**62**	0.77	**25**	0.31	
107-13-1	Acrylonitrile	ND	0.77	ND	0.35	
75-35-4	1,1-Dichloroethene	ND	0.77	ND	0.19	
75-09-2	Methylene chloride	ND	0.77	ND	0.22	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.77	ND	0.24	
76-13-1	Trichlorotrifluoroethane	ND	0.77	ND	0.10	
75-15-0	Carbon Disulfide	ND	0.77	ND	0.25	
156-60-5	trans-1,2-Dichloroethene	ND	0.77	ND	0.19	
75-34-3	1,1-Dichloroethane	ND	0.77	ND	0.19	
1634-04-4	Methyl tert-Butyl Ether	ND	0.77	ND	0.21	
108-05-4	Vinyl Acetate	ND	7.7	ND	2.2	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/11/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Computer Room**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01257

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -2.7 Pf 1 = 3.6

Can D.F. = 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**3.7**	0.77	**1.3**	0.26	
156-59-2	cis-1,2-Dichloroethene	ND	0.77	ND	0.19	
110-54-3	n-Hexane	**1.0**	0.77	**0.29**	0.22	
67-66-3	Chloroform	ND	0.77	ND	0.16	
107-06-2	1,2-Dichloroethane	ND	0.77	ND	0.19	
71-55-6	1,1,1-Trichloroethane	ND	0.77	ND	0.14	
71-43-2	Benzene	**1.0**	0.77	**0.32**	0.24	
56-23-5	Carbon Tetrachloride	**0.46**	0.15	**0.074**	0.024	
78-87-5	1,2-Dichloropropane	ND	0.77	ND	0.17	
75-27-4	Bromodichloromethane	ND	0.77	ND	0.11	
79-01-6	Trichloroethene	ND	0.15	ND	0.028	
123-91-1	1,4-Dioxane	ND	0.77	ND	0.21	
10061-01-5	cis-1,3-Dichloropropene	ND	0.77	ND	0.17	
108-10-1	4-Methyl-2-pentanone	**4.7**	0.77	**1.1**	0.19	
10061-02-6	trans-1,3-Dichloropropene	ND	0.77	ND	0.17	
79-00-5	1,1,2-Trichloroethane	ND	0.77	ND	0.14	
108-88-3	Toluene	**7.6**	0.77	**2.0**	0.20	
591-78-6	2-Hexanone	ND	0.77	ND	0.19	
124-48-1	Dibromochloromethane	ND	0.77	ND	0.090	
106-93-4	1,2-Dibromoethane	ND	0.77	ND	0.10	
123-86-4	n-Butyl Acetate	**2.2**	0.77	**0.46**	0.16	
127-18-4	Tetrachloroethene	**46**	0.77	**6.7**	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Computer Room**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01257

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5 - 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)
0.20 Liter(s)

Pi 1 = -2.7 Pf 1 = 3.6

Can D.F. = 1.53

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.77	ND	0.17	
100-41-4	Ethylbenzene	**1.4**	0.77	**0.32**	0.18	
179601-23-1	*m,p*-Xylenes	**4.8**	0.77	**1.1**	0.18	
75-25-2	Bromoform	ND	0.77	ND	0.074	
100-42-5	Styrene	**2.6**	0.77	**0.61**	0.18	
95-47-6	o-Xylene	**1.7**	0.77	**0.40**	0.18	
111-84-2	n-Nonane	**1.7**	0.77	**0.32**	0.15	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.77	ND	0.11	
98-82-8	Cumene	ND	0.77	ND	0.16	
80-56-8	alpha-Pinene	**1.2**	0.77	**0.21**	0.14	
622-96-8	4-Ethyltoluene	ND	0.77	ND	0.16	
108-67-8	1,3,5-Trimethylbenzene	ND	0.77	ND	0.16	
95-63-6	1,2,4-Trimethylbenzene	**1.3**	0.77	**0.26**	0.16	
100-44-7	Benzyl Chloride	ND	0.77	ND	0.15	
541-73-1	1,3-Dichlorobenzene	ND	0.77	ND	0.13	
106-46-7	1,4-Dichlorobenzene	ND	0.77	ND	0.13	
95-50-1	1,2-Dichlorobenzene	ND	0.77	ND	0.13	
5989-27-5	d-Limonene	**5.4**	0.77	**0.98**	0.14	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.77	ND	0.079	
120-82-1	1,2,4-Trichlorobenzene	ND	0.77	ND	0.10	
91-20-3	Naphthalene	ND	0.77	ND	0.15	
87-68-3	Hexachlorobutadiene	ND	0.77	ND	0.072	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #2**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01353

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.0 Pf 1 = 3.5

Can D.F. = 1.24

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.6**	0.62	**0.53**	0.13	
74-87-3	Chloromethane	**0.63**	0.62	**0.31**	0.30	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.62	ND	0.089	
75-01-4	Vinyl Chloride	ND	0.62	ND	0.24	
106-99-0	1,3-Butadiene	ND	0.62	ND	0.28	
74-83-9	Bromomethane	ND	0.62	ND	0.16	
75-00-3	Chloroethane	ND	0.62	ND	0.24	
64-17-5	Ethanol	**87**	6.2	**46**	3.3	
75-05-8	Acetonitrile	ND	0.62	ND	0.37	
107-02-8	Acrolein	**1.0**	0.62	**0.45**	0.27	
67-64-1	Acetone	**26**	6.2	**11**	2.6	
75-69-4	Trichlorofluoromethane	**2.1**	0.62	**0.37**	0.11	
67-63-0	2-Propanol (Isopropyl Alcohol)	**34**	0.62	**14**	0.25	
107-13-1	Acrylonitrile	ND	0.62	ND	0.29	
75-35-4	1,1-Dichloroethene	ND	0.62	ND	0.16	
75-09-2	Methylene chloride	ND	0.62	ND	0.18	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.62	ND	0.20	
76-13-1	Trichlorotrifluoroethane	**0.64**	0.62	**0.083**	0.081	
75-15-0	Carbon Disulfide	ND	0.62	ND	0.20	
156-60-5	trans-1,2-Dichloroethene	ND	0.62	ND	0.16	
75-34-3	1,1-Dichloroethane	ND	0.62	ND	0.15	
1634-04-4	Methyl tert-Butyl Ether	ND	0.62	ND	0.17	
108-05-4	Vinyl Acetate	ND	6.2	ND	1.8	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #2**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01353

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.0 Pf 1 = 3.5

Can D.F. = 1.24

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**2.7**	0.62	**0.92**	0.21	
156-59-2	cis-1,2-Dichloroethene	ND	0.62	ND	0.16	
110-54-3	n-Hexane	**0.75**	0.62	**0.21**	0.18	
67-66-3	Chloroform	ND	0.62	ND	0.13	
107-06-2	1,2-Dichloroethane	ND	0.62	ND	0.15	
71-55-6	1,1,1-Trichloroethane	ND	0.62	ND	0.11	
71-43-2	Benzene	**0.78**	0.62	**0.24**	0.19	
56-23-5	Carbon Tetrachloride	**0.47**	0.12	**0.074**	0.020	
78-87-5	1,2-Dichloropropane	ND	0.62	ND	0.13	
75-27-4	Bromodichloromethane	ND	0.62	ND	0.093	
79-01-6	Trichloroethene	**0.13**	0.12	**0.024**	0.023	
123-91-1	1,4-Dioxane	ND	0.62	ND	0.17	
10061-01-5	cis-1,3-Dichloropropene	ND	0.62	ND	0.14	
108-10-1	4-Methyl-2-pentanone	**1.6**	0.62	**0.38**	0.15	
10061-02-6	trans-1,3-Dichloropropene	ND	0.62	ND	0.14	
79-00-5	1,1,2-Trichloroethane	ND	0.62	ND	0.11	
108-88-3	Toluene	**5.4**	0.62	**1.4**	0.16	
591-78-6	2-Hexanone	ND	0.62	ND	0.15	
124-48-1	Dibromochloromethane	ND	0.62	ND	0.073	
106-93-4	1,2-Dibromoethane	ND	0.62	ND	0.081	
123-86-4	n-Butyl Acetate	**0.80**	0.62	**0.17**	0.13	
127-18-4	Tetrachloroethene	**2.9**	0.62	**0.42**	0.091	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rcs Date: 9/6/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Office Area #2**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC01353

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.0 Pf 1 = 3.5

Can D.F. = 1.24

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.62	ND	0.13	
100-41-4	Ethylbenzene	**1.6**	0.62	**0.38**	0.14	
179601-23-1	*m,p* -Xylenes	**4.2**	0.62	**0.97**	0.14	
75-25-2	Bromoform	ND	0.62	ND	0.060	
100-42-5	Styrene	**0.71**	0.62	**0.17**	0.15	
95-47-6	o-Xylene	**1.4**	0.62	**0.32**	0.14	
111-84-2	n-Nonane	**1.0**	0.62	**0.19**	0.12	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.62	ND	0.090	
98-82-8	Cumene	ND	0.62	ND	0.13	
80-56-8	alpha-Pinene	**1.1**	0.62	**0.20**	0.11	
622-96-8	4-Ethyltoluene	ND	0.62	ND	0.13	
108-67-8	1,3,5-Trimethylbenzene	ND	0.62	ND	0.13	
95-63-6	1,2,4-Trimethylbenzene	**0.80**	0.62	**0.16**	0.13	
100-44-7	Benzyl Chloride	ND	0.62	ND	0.12	
541-73-1	1,3-Dichlorobenzene	ND	0.62	ND	0.10	
106-46-7	1,4-Dichlorobenzene	ND	0.62	ND	0.10	
95-50-1	1,2-Dichlorobenzene	ND	0.62	ND	0.10	
5989-27-5	d-Limonene	**1.4**	0.62	**0.25**	0.11	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.62	ND	0.064	
120-82-1	1,2,4-Trichlorobenzene	ND	0.62	ND	0.084	
91-20-3	Naphthalene	ND	0.62	ND	0.12	
87-68-3	Hexachlorobutadiene	ND	0.62	ND	0.058	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/6/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **A/C Area**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00074

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.6
Can D.F. = 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	**6.7**	0.75	**1.4**	0.15	
74-87-3	Chloromethane	ND	0.75	ND	0.36	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.75	ND	0.11	
75-01-4	Vinyl Chloride	ND	0.75	ND	0.29	
106-99-0	1,3-Butadiene	ND	0.75	ND	0.34	
74-83-9	Bromomethane	ND	0.75	ND	0.19	
75-00-3	Chloroethane	ND	0.75	ND	0.28	
64-17-5	Ethanol	**120**	7.5	**65**	4.0	
75-05-8	Acetonitrile	ND	0.75	ND	0.44	
107-02-8	Acrolein	**1.8**	0.75	**0.78**	0.33	
67-64-1	Acetone	**25**	7.5	**10**	3.1	
75-69-4	Trichlorofluoromethane	**27**	0.75	**4.7**	0.13	
67-63-0	2-Propanol (Isopropyl Alcohol)	**47**	0.75	**19**	0.30	
107-13-1	Acrylonitrile	ND	0.75	ND	0.34	
75-35-4	1,1-Dichloroethene	**0.90**	0.75	**0.23**	0.19	
75-09-2	Methylene chloride	ND	0.75	ND	0.21	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.75	ND	0.24	
76-13-1	Trichlorotrifluoroethane	ND	0.75	ND	0.097	
75-15-0	Carbon Disulfide	ND	0.75	ND	0.24	
156-60-5	trans-1,2-Dichloroethene	ND	0.75	ND	0.19	
75-34-3	1,1-Dichloroethane	ND	0.75	ND	0.18	
1634-04-4	Methyl tert-Butyl Ether	ND	0.75	ND	0.21	
108-05-4	Vinyl Acetate	ND	7.5	ND	2.1	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **A/C Area**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00074

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.6

Can D.F. = 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**2.7**	0.75	**0.92**	0.25	
156-59-2	cis-1,2-Dichloroethene	ND	0.75	ND	0.19	
110-54-3	n-Hexane	**0.98**	0.75	**0.28**	0.21	
67-66-3	Chloroform	ND	0.75	ND	0.15	
107-06-2	1,2-Dichloroethane	ND	0.75	ND	0.18	
71-55-6	1,1,1-Trichloroethane	ND	0.75	ND	0.14	
71-43-2	Benzene	**0.87**	0.75	**0.27**	0.23	
56-23-5	Carbon Tetrachloride	**0.46**	0.15	**0.074**	0.024	
78-87-5	1,2-Dichloropropane	ND	0.75	ND	0.16	
75-27-4	Bromodichloromethane	ND	0.75	ND	0.11	
79-01-6	Trichloroethene	**0.25**	0.15	**0.047**	0.028	
123-91-1	1,4-Dioxane	ND	0.75	ND	0.21	
10061-01-5	cis-1,3-Dichloropropene	ND	0.75	ND	0.16	
108-10-1	4-Methyl-2-pentanone	**3.8**	0.75	**0.92**	0.18	
10061-02-6	trans-1,3-Dichloropropene	ND	0.75	ND	0.16	
79-00-5	1,1,2-Trichloroethane	ND	0.75	ND	0.14	
108-88-3	Toluene	**7.9**	0.75	**2.1**	0.20	
591-78-6	2-Hexanone	ND	0.75	ND	0.18	
124-48-1	Dibromochloromethane	ND	0.75	ND	0.087	
106-93-4	1,2-Dibromoethane	ND	0.75	ND	0.097	
123-86-4	n-Butyl Acetate	**2.6**	0.75	**0.56**	0.16	
127-18-4	Tetrachloroethene	**14**	0.75	**2.0**	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **A/C Area**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P2702693-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00074

Date Collected: 8/29/07
Date Received: 8/30/07
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.6

Can D.F. = 1.49

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.75	ND	0.16	
100-41-4	Ethylbenzene	**2.5**	0.75	**0.58**	0.17	
179601-23-1	*m,p*-Xylenes	**5.9**	0.75	**1.4**	0.17	
75-25-2	Bromoform	ND	0.75	ND	0.072	
100-42-5	Styrene	**1.2**	0.75	**0.29**	0.18	
95-47-6	o-Xylene	**2.0**	0.75	**0.46**	0.17	
111-84-2	n-Nonane	**1.0**	0.75	**0.19**	0.14	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.75	ND	0.11	
98-82-8	Cumene	ND	0.75	ND	0.15	
80-56-8	alpha-Pinene	**1.3**	0.75	**0.23**	0.13	
622-96-8	4-Ethyltoluene	ND	0.75	ND	0.15	
108-67-8	1,3,5-Trimethylbenzene	ND	0.75	ND	0.15	
95-63-6	1,2,4-Trimethylbenzene	**2.1**	0.75	**0.42**	0.15	
100-44-7	Benzyl Chloride	ND	0.75	ND	0.14	
541-73-1	1,3-Dichlorobenzene	ND	0.75	ND	0.12	
106-46-7	1,4-Dichlorobenzene	ND	0.75	ND	0.12	
95-50-1	1,2-Dichlorobenzene	ND	0.75	ND	0.12	
5989-27-5	d-Limonene	**4.9**	0.75	**0.88**	0.13	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.75	ND	0.077	
120-82-1	1,2,4-Trichlorobenzene	ND	0.75	ND	0.10	
91-20-3	Naphthalene	ND	0.75	ND	0.14	
87-68-3	Hexachlorobutadiene	ND	0.75	ND	0.070	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P070905-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	0.50	ND	0.22	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.0	ND	1.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P070905-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	0.50	ND	0.17	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.10	ND	0.016	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.10	ND	0.019	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P070905-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 9/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p*-Xylenes	ND	0.50	ND	0.12	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P070906-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	0.50	ND	0.22	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.0	ND	1.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P070906-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	0.50	ND	0.17	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.10	ND	0.016	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.10	ND	0.019	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ro Date: 9/14/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **ARCADIS U.S., Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Dover Binghamton/NJ000616.0002.00002**

CAS Project ID: P2702693
CAS Sample ID: P070906-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 9/6/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p* -Xylenes	ND	0.50	ND	0.12	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 9/14/07

CHAIN OF CUSTODY RECORDS

Air - Chain of Custody Record & Analytical Service Request

Columbia Analytical Services INC.
An Employee - Owned Company

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. P2702693

CAS Contact

Company Name & Address (Reporting Information)
ARCADIS - BBL
6 South River Road
Cranbury NJ 08512

Project Name
Dover. Binghamton

Project Number
NJ 000 616.007

Project Manager
Greg Albright

P.O. # / Billing Information

Phone 609-860-0590
Fax 609-860-8007

Email Address for Result Reporting

Sampler (Print & Sign)
DAVID Gworek

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15				Comments e.g. Actual Preservative or specific instructions
~~OFFICE~~ A/C AREA #3 (DG)		8/09/07	16:45	Air	AC01353	FC00190		X	DG			
BACK GROUND	(1)-7.3	8/09/07	16:50		AC01160	FC00587		X				
ELECTRICAL	(2)-7.1	8/09/07	16:55		AC00631	FC00097		X				
CAFETERIA	(3)-4.2	8/09/07	17:00		AC01460	FC00383		X				
OFFICE AREA #1	(4)-7.4	8/09/07	17:05		AC00653	FC00580		X				
~~OFFICE~~ A/C AREA #2 (DG)			17:10	(DG)	AC00653	FC00586		X	DG			
HALL WAY	(5)-0.7	"	17:15	"	AC00954	FC00084		X				
COMPUTER ROOM	(6)-5.4	8/09/07	17:30	Air	AC01357	FC00353		X				
OFFICE AREA #2	(7)-0.0	8/09/07	17:10	Air	AC01353	FC00190		X				
A/C AREA	(8)-4.9	8/09/07	16:45	Air	AC00074	FC00026		X				
								X				

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____

EDD required Yes / No
Type: _____ EDD Units: _____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
David Gworek	8/10/07	1000	[illegible]	8/30/07	0935
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank 12370
Temperature °C

ARCADIS

Attachment C

Monthly Inspection Sheets

Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 1/2/2007

Representative: Mark Gialanella

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	None
2	1984 Building Addition floor slab in good condition?	X			
3	Area 1 (front employee entrance) landscape cover intact?	X			
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X			
5	Area 3 (transformer pad location) vegetative cover intact?	X			
6	Area 4 (drainage ditch along CR 181) in good condition?	X			
7	Area 5 (drainage ditch along CR 181) in good condition?	X			
8	Area 6 (drainage ditch along CR 181) in good condition?	X			
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X			
10	ASD system operational?	X			
11	ASD system vacuum readings normal?	X			
12	ASD system components in good condition?	X			
13					
14					
15					
16					
17					
18					
19					

Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 2/1/2007

Representative: Ken Farah

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	snow cover
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	snow cover
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	snow cover
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	snow cover
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	snow cover
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	
10	ASD system operational?			No maintenance required	not recorded
11	ASD system vacuum readings normal?			No maintenance required	not recorded
12	ASD system components in good condition?			No maintenance required	
13					
14					
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17					
18					
19					

Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 3/14/2007 (Cloudy, 49)

Representative: Margaret Bartee

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	epoxy floor coating recently installed
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	epoxy floor coating recently installed
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	vegeatation and shrubs present
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	some cracked asphalt near curb
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	some snow cover remaining
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	snow covered
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	snow covered
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	snow covered
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	area mostly covered shipping containers
10	ASD system operational?	X		No maintenance required	all fans running
11	ASD system vacuum readings normal?	X		No maintenance required	within typical ranges
12	ASD system components in good condition?	X		No maintenance required	
13					
14					
15					
16					
17					
18					
19					

Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 4/03/2007 (Sunny, 40s)

Representative: David Gwozdz

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	
10	ASD system operational?	X		No maintenance required	all fans running
11	ASD system vacuum readings normal?	X		No maintenance required	
12	ASD system components in good condition?	X		No maintenance required	
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14					
15					
16					
17					
18					
19					

Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 5/10/2007

Representative: Greg Albright

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	Epoxy coating and crack filler fine
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	Epoxy coating and crack filler fine
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	Vegetation blooming
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	Minor wear and cracking
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	vegetated, no erosion noted
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	vegetated, no erosion noted
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	vegetated, no erosion noted
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	Some wear and cracking
10	ASD system operational?	X		No maintenance required	All fans running
11	ASD system vacuum readings normal?	X		No maintenance required	Within typical range
12	ASD system components in good condition?	X		No maintenance required	No damage observed
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14					
15					
16					
17					
18					
19					

Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 6/13/2007 (Sunny, 70s)

Representative: David Gwozdz

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	
10	ASD system operational?	X		No maintenance required	all fans running
11	ASD system vacuum readings normal?	X		No maintenance required	
12	ASD system components in good condition?	X		No maintenance required	
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18					
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Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 8/2/2007

Representative: Greg Albright

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	good cover
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	good cover
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	good cover
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	
10	ASD system operational?	X		No maintenance required	all fans running
11	ASD system vacuum readings normal?	X		No maintenance required	within typical operations
12	ASD system components in good condition?	X		No maintenance required	
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14					
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16					
17					
18					
19					

Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 8/29/2007 (Sunny, 80s)

Representative: David Gwozdz

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	
10	ASD system operational?	X		No maintenance required	all fans running
11	ASD system vacuum readings normal?	X		No maintenance required	
12	ASD system components in good condition?	X		No maintenance required	
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Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 9/18/2007

Representative: Greg Albright

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	Looks good
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	minor cracking
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	no erosion
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	no erosion
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	no erosion
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	minor cracking
10	ASD system operational?	X		No maintenance required	Fans running fine.
11	ASD system vacuum readings normal?	X		No maintenance required	Readings satisfactory
12	ASD system components in good condition?	X		No maintenance required	
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16					
17					
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19					

Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 10/17/2007 (Sunny, 60s)

Representative: David Gwozdz

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	
10	ASD system operational?	X		No maintenance required	Fans running
11	ASD system vacuum readings normal?	X		No maintenance required	
12	ASD system components in good condition?	X		No maintenance required	
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Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 11/27/2007 (Overcast, 50s)

Representative: Willow Davis/Marcus Erickson/Ken Farah

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	none
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	
10	ASD system operational?	X		No maintenance required	
11	ASD system vacuum readings normal?	X		No maintenance required	
12	ASD system components in good condition?	X		No maintenance required	
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Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 12/20/2007

Representative: Ken Farah

Item No.	Description	Yes	No	Actions	Comments
1	1978 Building Addition floor slab in good condition?	X		No maintenance required	
2	1984 Building Addition floor slab in good condition?	X		No maintenance required	
3	Area 1 (front employee entrance) landscape cover intact?	X		No maintenance required	
4	Area 2 (driveway at north catch basin CB-2044) asphalt surface in good condition?	X		No maintenance required	
5	Area 3 (transformer pad location) vegetative cover intact?	X		No maintenance required	
6	Area 4 (drainage ditch along CR 181) in good condition?	X		No maintenance required	no erosion
7	Area 5 (drainage ditch along CR 181) in good condition?	X		No maintenance required	no erosion
8	Area 6 (drainage ditch along CR 181) in good condition?	X		No maintenance required	no erosion
9	Area 7 (parking lot at southeast loading dock) asphalt surface in good condition?	X		No maintenance required	
10	ASD system operational?	X		No maintenance required	All fans running
11	ASD system vacuum readings normal?	X		No maintenance required	
12	ASD system components in good condition?	X		No maintenance required	fan replacement and valve install on 12/07/07
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ARCADIS

Attachment D

Operational Data Sheets

UNIVERSAL INSTRUMENTS CORPORATION

ACTIVE SUB-SLAB DEPRESSURIZATION (ASD) OPERATIONAL DATA
Former Dover Electronics Site
Kirkwood, New York

Date	Time	System On? (Y/N)	Vaccum Reading (inches water)								Comments
			ASD-1	ASD-2	ASD-3	ASD-4	ASD-5	ASD-6	ASD-7	ASD-8	
1/2/2007		Y									Data collected by UIC not available (Mark Gialanella)
February		Y									No data collected for February
3/14/2007	9:05	Y	0.55	0.45	0.80	0.80	0.80		1.80	3.40	No reading for #6 because monitoring port in ceiling
4/4/2007	15:45	Y	0.50	0.40	1.00	1.00	1.00	2.80	1.75	3.50	Roof discharge for #1 and #2 measured at 903ppb
5/10/2007	10:00	Y	0.52	0.43	0.86	0.84	0.90	2.90	1.80	3.30	
6/13/2007	15:30	Y	0.50	0.40	1.00	1.00	1.00	2.80	1.70	3.50	
8/2/2007	10:50	Y	0.52	0.42	0.95	0.90	1.10	2.90	1.80	3.40	
8/29/2007	16:20	Y	0.50	0.40	1.00	1.00	1.00	2.80	1.80	3.50	
9/18/2007	11:00	Y	0.48	0.44	0.96	0.94	1.10	2.60	1.60	3.40	
10/17/2007	8:20	Y	0.50	0.40	1.00	1.00	1.00	2.60	1.70	2.50	
11/27/2007	11:50	Y	0.48	0.42	1.00	1.20	1.00		1.90	3.50	No reading for #6 because monitoring port in ceiling
12/20/2007	9:50	Y	0.46	0.42	1.20	1.20	1.20	2.90	1.80	3.40	