ARCADIS
Infrastructure, environment, facilities

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8 South River Road
Cranbury
New Jersey 08512
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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:
July 2006 through December 2006
Semi-Annual Operations, Maintenance and Monitoring Report – OU-1
Former Dover Electronics Site, Kirkwood, Broome County, New York
NYSDEC Site No. 7-04-026

Date:
August 27, 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 submitted this semi-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). This semi-annual report has been prepared to bring the annual reporting schedule in-line with a calendar year. Subsequent reports will be annual.

This 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 July 2006 through December 2006. This report was held for submission while attempts were made by Universal Instruments Corporation (UIC) during 2007 and 2008 to locate the ASD field operation data sheets for July through December 2006 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 for the period July through December 2006. 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 in the facility building. OU-1 areas covered by this report are shown on Figures 3 and 4.

There were no required maintenance activities performed with respect to OU-1 during the reporting period. Construction activities in OU-1 consisted of expansion of the ASD system in December 2006 (described below in the section "Other").

Indoor Air Sampling

Indoor air sampling was conducted by ARCADIS on September 21, 2006 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) 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 Table 1. Historical indoor air sampling results are presented in Table 2. A copy of the laboratory analytical results is provided in Attachment A.

ASD System Operation

The ASD system was checked once per month by UIC personnel to verify that the system was running properly and that the equipment was in good condition. The ASD system was checked daily by Mr. Mark Gialanella (UIC) 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. Monthly Inspection Sheets are presented in Attachment B. The ASD Operational Data Sheets (July 1, 2006 through December 31, 2006) showing the daily system operational data readings are unavailable for this report.

The Operational Data Sheets that are ordinarily presented as an attachment could not be located by UIC after Mr. Gialanella's departure in February 2007. Mr. Terry Zimmer (Mr. Gialanella's supervisor) was contacted about the missing sheets in May 2007 and April 2008. Mr. Zimmer was unable to locate the data sheets. When contacted in June 2008 about another search for the missing sheets, Mr. Cioci (Mr. Zimmer's replacement at UIC) did not respond.

Based on a comparison of ASD system pressure readings from the first half of 2006 and pressure readings obtained during 2007, which indicate reasonably steady system performance, ARCADIS believes that ASD system pressure were similar to those observed earlier in 2006 and in 2007.

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 July through December 2006 verified that the soil and asphalt caps were in place and in good condition (see Inspection Sheets in Attachment B).

Other

As part of a real estate transaction at the site (UIC sold the facility building to Modern Marketing Concepts in late May 2006), additional sub-slab investigation was initiated on May 24, 2006, and additional follow-up investigation was conducted in August 2006. Modifications were made to the ASD system that included 4 additional suction pits and 4 additional fans (see Figure 4). A report was submitted to NYSDEC for review and a final report on these activities was submitted to NYSDEC on November 21, 2007.

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 and 2
Figures 1 through 4
Attachment A – Laboratory Analytical Report
Attachment B – Monthly Inspection Sheets

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

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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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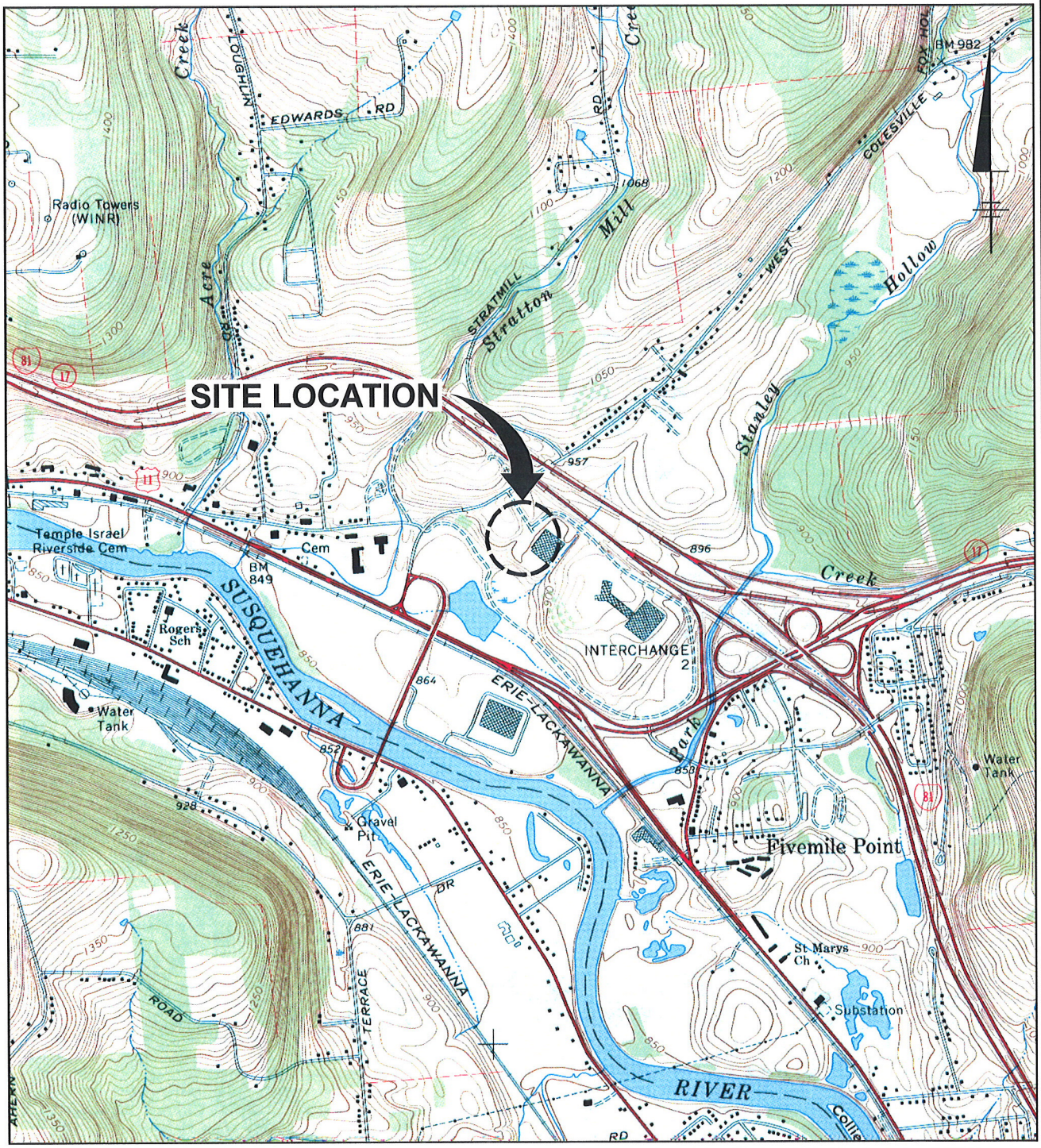
FIGURES

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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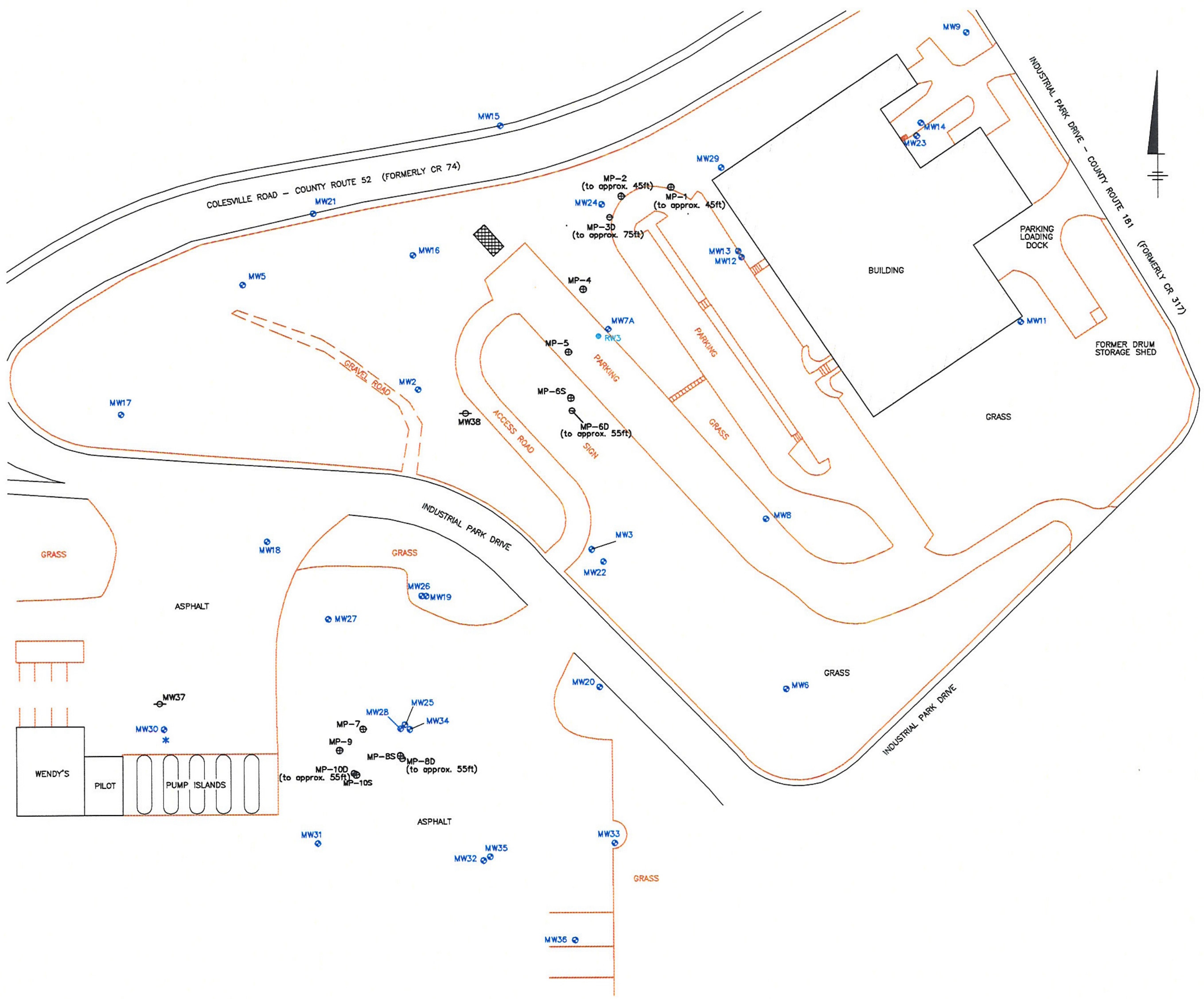
FIGURE
1

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

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FIGURE
2

CITY:CRA DIV/GROUP:85 DB:TFATTO LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\CAD\PROJECTS\MPN.00061\00001\0002\00616X01.dwg LAYOUT: LAYOUT1 SAVED: 2/26/2008 1:31 PM ACADVER: 17.0S (LMS TECH) PAGESETUP: CRA-LD28-PDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/26/2008 1:52 PM BY: FATTO, TRACEY
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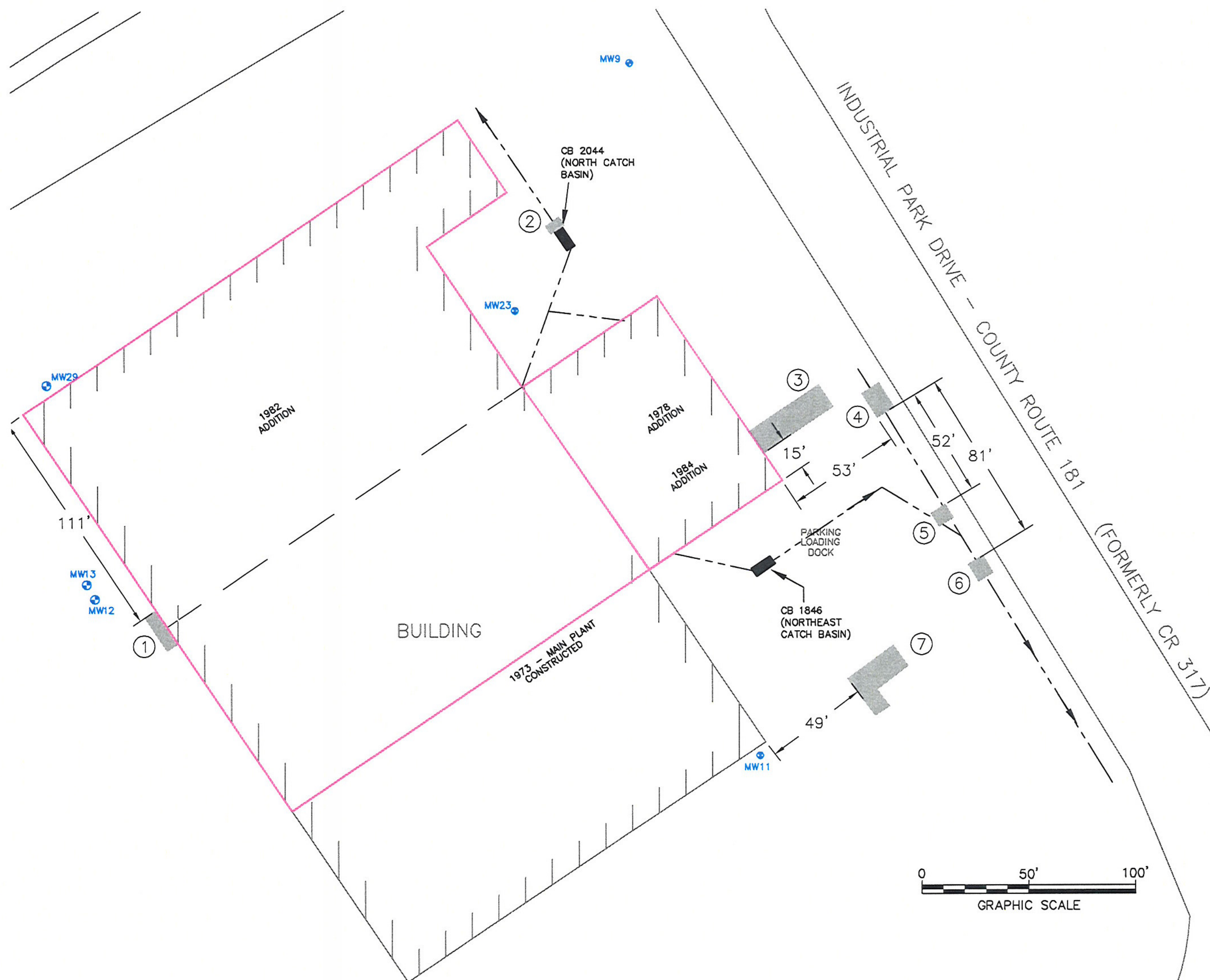
00616X02



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

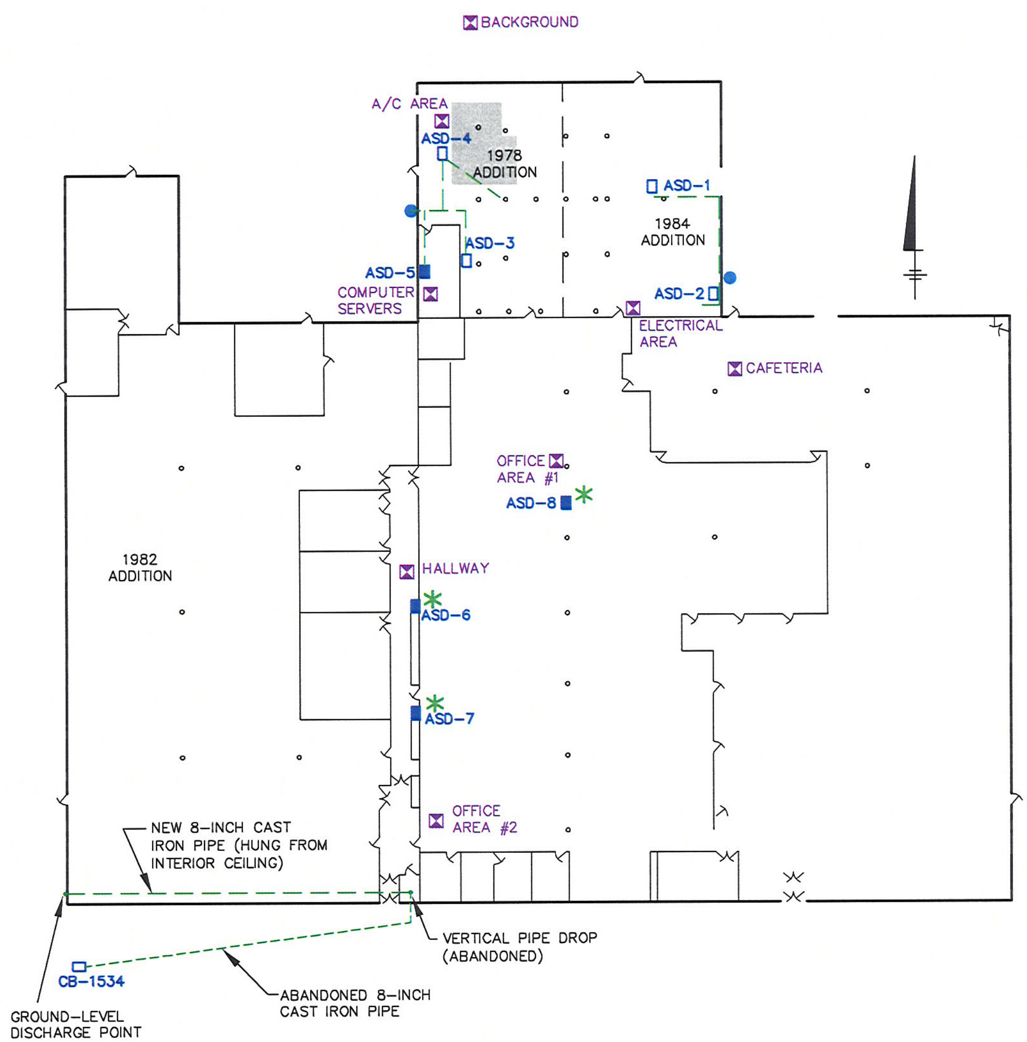
SOURCE:
FIGURE 2 OF LETTER REPORT "UNIVERSAL INSTRUMENTS CORPORATION, KIRKWOOD, BROOME COUNTY, NEW YORK: DOVER ELECTRONICS SITE", GANNETT FLEMING, INC., NOVEMBER 9, 2000.

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:SYRA DIV/GROUP:85 DB:TFATTO LD:(Opt) PIC:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*;OFF=*REF*
G:\CADD\PROJECTS\MPN\J00061\6\X06\000\10\00616G01.dwg LAYOUT: LAYOUT1 SAVED: 4/17/2008 8:49 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: CRA-LB-PDF PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 4/17/2008 8:49 AM BY: FATTO, TRACEY
XREFS: IMAGES: PROJECTNAME: ---

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Attachment A

CAS Laboratory Analytical Report, October 2006

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

October 9, 2006

Mr. Greg Albright
Blasland, Bouck & Lee, Inc.
8 South River Road
Cranbury, NJ 08512

RE: P2602609
Dover, Kirkwood/05203.017

Dear Mr. Albright:

Enclosed are the results of the sample(s) submitted to our laboratory on September 22, 2006. For your reference, these analyses have been assigned our service request number P2602609.

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 18 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

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:	BLASLAND, BOUCK & LEE, INC.	Date of Report:	10/09/06
Address:	8 South River Road	Date Received:	09/22/06
	Cranbury, NJ 08512	CAS Project No:	P2602609
Contact:	Mr. Greg Albright	Purchase Order:	05203.013
Client Project ID: Dover, Kirkwood/05203.017		New York Lab ID:	11221

Six (6) Stainless Steel Summa Canisters labeled:

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

The samples were received at the laboratory under chain of custody on September 22, 2006. 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. 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 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:

Ku Chung
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Back Ground**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00945

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.3 Pf 1 = 3.5
Can D.F. = 1.21

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	0.61	ND	0.29	
75-01-4	Vinyl Chloride	ND	0.61	ND	0.24	
74-83-9	Bromomethane	ND	0.61	ND	0.16	
75-00-3	Chloroethane	ND	0.61	ND	0.23	
67-64-1	Acetone	ND	6.1	ND	2.5	
75-69-4	Trichlorofluoromethane	**1.3**	0.61	**0.24**	0.11	
75-35-4	1,1-Dichloroethene	ND	0.61	ND	0.15	
75-09-2	Methylene chloride	ND	0.61	ND	0.17	
76-13-1	Trichlorotrifluoroethane	**0.80**	0.61	**0.10**	0.079	
75-15-0	Carbon Disulfide	ND	0.61	ND	0.19	
156-60-5	trans-1,2-Dichloroethene	ND	0.61	ND	0.15	
75-34-3	1,1-Dichloroethane	ND	0.61	ND	0.15	
1634-04-4	Methyl tert-Butyl Ether	ND	0.61	ND	0.17	
108-05-4	Vinyl Acetate	ND	1.2	ND	0.34	
78-93-3	2-Butanone (MEK)	**1.3**	0.61	**0.45**	0.21	
156-59-2	cis-1,2-Dichloroethene	ND	0.61	ND	0.15	
67-66-3	Chloroform	ND	0.61	ND	0.12	
107-06-2	1,2-Dichloroethane	ND	0.61	ND	0.15	
71-55-6	1,1,1-Trichloroethane	ND	0.61	ND	0.11	
71-43-2	Benzene	**0.71**	0.61	**0.22**	0.19	
56-23-5	Carbon Tetrachloride	ND	0.61	ND	0.096	
78-87-5	1,2-Dichloropropane	ND	0.61	ND	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: RC Date: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Back Ground**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00945

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.3 Pf 1 = 3.5

Can D.F. = 1.21

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	0.61	ND	0.090	
79-01-6	Trichloroethene	ND	0.12	ND	0.023	
10061-01-5	cis-1,3-Dichloropropene	ND	0.61	ND	0.13	
108-10-1	4-Methyl-2-pentanone	ND	0.61	ND	0.15	
10061-02-6	trans-1,3-Dichloropropene	ND	0.61	ND	0.13	
79-00-5	1,1,2-Trichloroethane	ND	0.61	ND	0.11	
108-88-3	Toluene	**3.5**	0.61	**0.92**	0.16	
591-78-6	2-Hexanone	ND	0.61	ND	0.15	
124-48-1	Dibromochloromethane	ND	0.61	ND	0.071	
106-93-4	1,2-Dibromoethane	ND	0.61	ND	0.079	
127-18-4	Tetrachloroethene	ND	0.61	ND	0.089	
108-90-7	Chlorobenzene	ND	0.61	ND	0.13	
100-41-4	Ethylbenzene	ND	0.61	ND	0.14	
179601-23-1	*m,p* -Xylenes	**1.3**	1.2	**0.31**	0.28	
75-25-2	Bromoform	ND	0.61	ND	0.059	
100-42-5	Styrene	ND	0.61	ND	0.14	
95-47-6	o-Xylene	ND	0.61	ND	0.14	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.61	ND	0.088	
541-73-1	1,3-Dichlorobenzene	ND	0.61	ND	0.10	
106-46-7	1,4-Dichlorobenzene	ND	0.61	ND	0.10	
95-50-1	1,2-Dichlorobenzene	ND	0.61	ND	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: RC Date: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **A/C Area**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00566

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
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
74-87-3	Chloromethane	ND	0.62	ND	0.30	
75-01-4	Vinyl Chloride	ND	0.62	ND	0.24	
74-83-9	Bromomethane	ND	0.62	ND	0.16	
75-00-3	Chloroethane	ND	0.62	ND	0.24	
67-64-1	Acetone	**20**	6.2	**8.6**	2.6	
75-69-4	Trichlorofluoromethane	**2.1**	0.62	**0.38**	0.11	
75-35-4	1,1-Dichloroethene	ND	0.62	ND	0.16	
75-09-2	Methylene chloride	ND	0.62	ND	0.18	
76-13-1	Trichlorotrifluoroethane	**2.8**	0.62	**0.36**	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	**2.1**	1.2	**0.60**	0.35	**M**
78-93-3	2-Butanone (MEK)	**2.0**	0.62	**0.69**	0.21	
156-59-2	cis-1,2-Dichloroethene	**2.1**	0.62	**0.52**	0.16	
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	**0.86**	0.62	**0.27**	0.19	
56-23-5	Carbon Tetrachloride	ND	0.62	ND	0.099	
78-87-5	1,2-Dichloropropane	ND	0.62	ND	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.
M = Matrix interference; results may be biased high.

Verified By: Ru Date: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **A/C Area**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00566

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
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
75-27-4	Bromodichloromethane	ND	0.62	ND	0.093	
79-01-6	Trichloroethene	**0.57**	0.12	**0.11**	0.023	
10061-01-5	cis-1,3-Dichloropropene	ND	0.62	ND	0.14	
108-10-1	4-Methyl-2-pentanone	**0.66**	0.62	**0.16**	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	**11**	0.62	**2.9**	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	
127-18-4	Tetrachloroethene	**76**	0.62	**11**	0.091	
108-90-7	Chlorobenzene	ND	0.62	ND	0.13	
100-41-4	Ethylbenzene	**1.3**	0.62	**0.30**	0.14	
179601-23-1	*m,p* -Xylenes	**4.4**	1.2	**1.0**	0.29	
75-25-2	Bromoform	ND	0.62	ND	0.060	
100-42-5	Styrene	ND	0.62	ND	0.15	
95-47-6	o-Xylene	**1.4**	0.62	**0.33**	0.14	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.62	ND	0.090	
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	

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: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Cafeteria**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00540

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
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
74-87-3	Chloromethane	ND	0.62	ND	0.30	
75-01-4	Vinyl Chloride	ND	0.62	ND	0.24	
74-83-9	Bromomethane	ND	0.62	ND	0.16	
75-00-3	Chloroethane	ND	0.62	ND	0.24	
67-64-1	Acetone	**16**	6.2	**6.9**	2.6	
75-69-4	Trichlorofluoromethane	**1.8**	0.62	**0.32**	0.11	
75-35-4	1,1-Dichloroethene	ND	0.62	ND	0.16	
75-09-2	Methylene chloride	**0.90**	0.62	**0.26**	0.18	
76-13-1	Trichlorotrifluoroethane	**1.5**	0.62	**0.19**	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	**1.6**	0.62	**0.38**	0.15	
1634-04-4	Methyl tert-Butyl Ether	ND	0.62	ND	0.17	
108-05-4	Vinyl Acetate	**2.5**	1.2	**0.71**	0.35	**M**
78-93-3	2-Butanone (MEK)	**2.3**	0.62	**0.79**	0.21	
156-59-2	cis-1,2-Dichloroethene	**3.3**	0.62	**0.82**	0.16	
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	**0.94**	0.62	**0.30**	0.19	
56-23-5	Carbon Tetrachloride	ND	0.62	ND	0.099	
78-87-5	1,2-Dichloropropane	ND	0.62	ND	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.
M = Matrix interference; results may be biased high.

Verified By: Rcs Date: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Cafeteria**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00540

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
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
75-27-4	Bromodichloromethane	ND	0.62	ND	0.093	
79-01-6	Trichloroethene	**0.68**	0.12	**0.13**	0.023	
10061-01-5	cis-1,3-Dichloropropene	ND	0.62	ND	0.14	
108-10-1	4-Methyl-2-pentanone	**1.4**	0.62	**0.34**	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	**60**	0.62	**16**	0.16	
591-78-6	2-Hexanone	**0.66**	0.62	**0.16**	0.15	**M**
124-48-1	Dibromochloromethane	ND	0.62	ND	0.073	
106-93-4	1,2-Dibromoethane	ND	0.62	ND	0.081	
127-18-4	Tetrachloroethene	**27**	0.62	**4.0**	0.091	
108-90-7	Chlorobenzene	ND	0.62	ND	0.13	
100-41-4	Ethylbenzene	**7.6**	0.62	**1.8**	0.14	
179601-23-1	*m,p* -Xylenes	**29**	1.2	**6.6**	0.29	
75-25-2	Bromoform	ND	0.62	ND	0.060	
100-42-5	Styrene	ND	0.62	ND	0.15	
95-47-6	o-Xylene	**7.5**	0.62	**1.7**	0.14	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.62	ND	0.090	
541-73-1	1,3-Dichlorobenzene	ND	0.62	ND	0.10	
106-46-7	1,4-Dichlorobenzene	**0.79**	0.62	**0.13**	0.10	
95-50-1	1,2-Dichlorobenzene	ND	0.62	ND	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.
M = Matrix interference; results may be biased high.

Verified By: RG Date: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Electrical Room**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00319

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.2 Pf 1 = 3.6
Can D.F. = 1.23

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	0.62	ND	0.30	
75-01-4	Vinyl Chloride	ND	0.62	ND	0.24	
74-83-9	Bromomethane	ND	0.62	ND	0.16	
75-00-3	Chloroethane	ND	0.62	ND	0.23	
67-64-1	Acetone	**19**	6.2	**8.0**	2.6	
75-69-4	Trichlorofluoromethane	**2.5**	0.62	**0.44**	0.11	
75-35-4	1,1-Dichloroethene	ND	0.62	ND	0.16	
75-09-2	Methylene chloride	ND	0.62	ND	0.18	
76-13-1	Trichlorotrifluoroethane	**3.1**	0.62	**0.41**	0.080	
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	**1.8**	1.2	**0.51**	0.35	**M**
78-93-3	2-Butanone (MEK)	**1.3**	0.62	**0.45**	0.21	
156-59-2	cis-1,2-Dichloroethene	**1.2**	0.62	**0.31**	0.16	
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	**0.80**	0.62	**0.25**	0.19	
56-23-5	Carbon Tetrachloride	ND	0.62	ND	0.098	
78-87-5	1,2-Dichloropropane	ND	0.62	ND	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.
M = Matrix interference; results may be biased high.

Verified By: Rec Date: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Electrical Room**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00319

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.2 Pf 1 = 3.6

Can D.F. = 1.23

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	0.62	ND	0.092	
79-01-6	Trichloroethene	**0.61**	0.12	**0.11**	0.023	
10061-01-5	cis-1,3-Dichloropropene	ND	0.62	ND	0.14	
108-10-1	4-Methyl-2-pentanone	ND	0.62	ND	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	**4.4**	0.62	**1.2**	0.16	
591-78-6	2-Hexanone	ND	0.62	ND	0.15	
124-48-1	Dibromochloromethane	ND	0.62	ND	0.072	
106-93-4	1,2-Dibromoethane	ND	0.62	ND	0.080	
127-18-4	Tetrachloroethene	**84**	0.62	**12**	0.091	
108-90-7	Chlorobenzene	ND	0.62	ND	0.13	
100-41-4	Ethylbenzene	**0.73**	0.62	**0.17**	0.14	
179601-23-1	*m,p* -Xylenes	**2.4**	1.2	**0.56**	0.28	
75-25-2	Bromoform	ND	0.62	ND	0.060	
100-42-5	Styrene	ND	0.62	ND	0.14	
95-47-6	o-Xylene	**0.92**	0.62	**0.21**	0.14	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.62	ND	0.090	
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	

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: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00275

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.2 Pf 1 = 3.5

Can D.F. = 1.22

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	0.61	ND	0.30	
75-01-4	Vinyl Chloride	**0.77**	0.61	**0.30**	0.24	
74-83-9	Bromomethane	ND	0.61	ND	0.16	
75-00-3	Chloroethane	ND	0.61	ND	0.23	
67-64-1	Acetone	**13**	6.1	**5.7**	2.6	
75-69-4	Trichlorofluoromethane	**1.5**	0.61	**0.26**	0.11	
75-35-4	1,1-Dichloroethene	ND	0.61	ND	0.15	
75-09-2	Methylene chloride	**3.4**	0.61	**0.97**	0.18	
76-13-1	Trichlorotrifluoroethane	**1.7**	0.61	**0.22**	0.080	
75-15-0	Carbon Disulfide	ND	0.61	ND	0.20	
156-60-5	trans-1,2-Dichloroethene	ND	0.61	ND	0.15	
75-34-3	1,1-Dichloroethane	**6.3**	0.61	**1.6**	0.15	
1634-04-4	Methyl tert-Butyl Ether	ND	0.61	ND	0.17	
108-05-4	Vinyl Acetate	ND	1.2	ND	0.35	
78-93-3	2-Butanone (MEK)	**3.7**	0.61	**1.3**	0.21	
156-59-2	cis-1,2-Dichloroethene	**16**	0.61	**4.1**	0.15	
67-66-3	Chloroform	ND	0.61	ND	0.12	
107-06-2	1,2-Dichloroethane	ND	0.61	ND	0.15	
71-55-6	1,1,1-Trichloroethane	**1.2**	0.61	**0.21**	0.11	
71-43-2	Benzene	**1.1**	0.61	**0.34**	0.19	
56-23-5	Carbon Tetrachloride	ND	0.61	ND	0.097	
78-87-5	1,2-Dichloropropane	ND	0.61	ND	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: RL Date: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Office Area #1**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00275

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.2 Pf 1 = 3.5
Can D.F. = 1.22

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	0.61	ND	0.091	
79-01-6	Trichloroethene	**0.87**	0.12	**0.16**	0.023	
10061-01-5	cis-1,3-Dichloropropene	ND	0.61	ND	0.13	
108-10-1	4-Methyl-2-pentanone	**5.3**	0.61	**1.3**	0.15	
10061-02-6	trans-1,3-Dichloropropene	ND	0.61	ND	0.13	
79-00-5	1,1,2-Trichloroethane	ND	0.61	ND	0.11	
108-88-3	Toluene	**100**	0.61	**28**	0.16	
591-78-6	2-Hexanone	**1.3**	0.61	**0.32**	0.15	**M**
124-48-1	Dibromochloromethane	ND	0.61	ND	0.072	
106-93-4	1,2-Dibromoethane	ND	0.61	ND	0.079	
127-18-4	Tetrachloroethene	**31**	0.61	**4.6**	0.090	
108-90-7	Chlorobenzene	ND	0.61	ND	0.13	
100-41-4	Ethylbenzene	**12**	0.61	**2.7**	0.14	
179601-23-1	*m,p* -Xylenes	**49**	1.2	**11**	0.28	
75-25-2	Bromoform	ND	0.61	ND	0.059	
100-42-5	Styrene	ND	0.61	ND	0.14	
95-47-6	o-Xylene	**13**	0.61	**3.0**	0.14	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.61	ND	0.089	
541-73-1	1,3-Dichlorobenzene	ND	0.61	ND	0.10	
106-46-7	1,4-Dichlorobenzene	ND	0.61	ND	0.10	
95-50-1	1,2-Dichlorobenzene	ND	0.61	ND	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.
M = Matrix interference; results may be biased high.

Verified By: RC Date: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Office Area #2**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00311

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.2 Pf 1 = 3.7

Can D.F. = 1.23

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	0.62	ND	0.30	
75-01-4	Vinyl Chloride	ND	0.62	ND	0.24	
74-83-9	Bromomethane	ND	0.62	ND	0.16	
75-00-3	Chloroethane	ND	0.62	ND	0.23	
67-64-1	Acetone	**17**	6.2	**7.1**	2.6	
75-69-4	Trichlorofluoromethane	**1.5**	0.62	**0.27**	0.11	
75-35-4	1,1-Dichloroethene	ND	0.62	ND	0.16	
75-09-2	Methylene chloride	ND	0.62	ND	0.18	
76-13-1	Trichlorotrifluoroethane	**1.2**	0.62	**0.16**	0.080	
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	**3.9**	1.2	**1.1**	0.35	**M**
78-93-3	2-Butanone (MEK)	**1.7**	0.62	**0.56**	0.21	
156-59-2	cis-1,2-Dichloroethene	ND	0.62	ND	0.16	
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	**0.90**	0.62	**0.28**	0.19	
56-23-5	Carbon Tetrachloride	ND	0.62	ND	0.098	
78-87-5	1,2-Dichloropropane	ND	0.62	ND	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.
M = Matrix interference; results may be biased high.

Verified By: RG Date: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Office Area #2**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P2602609-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Ku Chung
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00311

Date Collected: 9/21/06
Date Received: 9/22/06
Date(s) Analyzed: 9/26/06
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = 0.2 Pf 1 = 3.7
Can D.F. = 1.23

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
75-27-4	Bromodichloromethane	ND	0.62	ND	0.092	
79-01-6	Trichloroethene	**0.22**	0.12	**0.041**	0.023	
10061-01-5	cis-1,3-Dichloropropene	ND	0.62	ND	0.14	
108-10-1	4-Methyl-2-pentanone	ND	0.62	ND	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	**4.0**	0.62	**1.1**	0.16	
591-78-6	2-Hexanone	ND	0.62	ND	0.15	
124-48-1	Dibromochloromethane	ND	0.62	ND	0.072	
106-93-4	1,2-Dibromoethane	ND	0.62	ND	0.080	
127-18-4	Tetrachloroethene	**24**	0.62	**3.5**	0.091	
108-90-7	Chlorobenzene	ND	0.62	ND	0.13	
100-41-4	Ethylbenzene	**0.70**	0.62	**0.16**	0.14	
179601-23-1	*m,p* -Xylenes	**2.4**	1.2	**0.55**	0.28	
75-25-2	Bromoform	ND	0.62	ND	0.060	
100-42-5	Styrene	ND	0.62	ND	0.14	
95-47-6	o-Xylene	**0.90**	0.62	**0.21**	0.14	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.62	ND	0.090	
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	

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: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P060926-MB

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

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 9/26/06
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
74-87-3	Chloromethane	ND	0.50	ND	0.24	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
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	
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	
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	

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: 10/4/06

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Blasland, Bouck & Lee, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Dover, Kirkwood/05203.017**

CAS Project ID: P2602609
CAS Sample ID: P060926-MB

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

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 9/26/06
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
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.10	ND	0.019	
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	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
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	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
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	

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: Ku Date: 10/4/06

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: Blasland, Bouck & Lee, Inc. Work order: P2602609

Project: Dover, Kirkwood/05203.017

Sample(s) received on: 9/22/06 Date opened: 9/22/06 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 **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?	☐	☐	☒
2	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
3	Did **sample containers** arrive in good condition?	☒	☐	☐
4	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
5	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
6	Was **sample volume** received adequate for analysis?	☒	☐	☐
7	Are samples within specified holding times?	☒	☐	☐
8	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
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
P2602609-001			NA	
P2602609-002			NA	
P2602609-003			NA	
P2602609-004			NA	
P2602609-005			NA	
P2602609-006			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. P2602609

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

Project Name: Dover, Kirkwood

Project Number: .05203.016

Project Manager: Greg Albright

P.O. # / Billing Information

Phone: 609-860-0570 Fax: 609-860-8007

Email Address for Result Reporting

Sampler (Print & Sign): David Gwozdz

CAS Contact

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
Background	1	9/21	16:00	Air	AC00945	6-8-006		X				
A/C Area	2	"	16:05	Air	AC00566	6-8-005		X				
~~Office Area #2~~		"	~~16:10~~	~~Air~~	~~AC00379~~	~~6-8-20~~		~~X~~	ADS			
Cafeteria	3	"	16:15	Air	AC00540	6-8-16		X				
Electrical Room	4	"	16:20	Air	AC00319	6-8-20		X				
Office Area #1	5	9/21	16:25	Air	AC00375	6-8-11		X				
Office Area #2	6	9/21	16:10	Air	AC00311	6-8-35						

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) David Gwozdz	Date: 9/21/06	Time: 16:35	Received by: (Signature)	Date: 9/22/06	Time: 0845
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank
Temperature _____ °C 10451

ARCADIS

Attachment B

Monthly Inspection Sheets

Monthly Inspection Checklist
Universal Instruments Site
Kirkwood, New York

Date: 7/13/2006

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: 8/28/2006

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: 9/5/2006

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: 10/2/2006

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: 11/6/2006

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: 12/4/2006

Representative: Mark Gialanella

MRG 12-4-06

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					

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Attachment C

Operational Data Sheets
(Unavailable)