REPORT OF SUB-SLAB VAPOR ASSESSMENT

ATHERTON MILL PROPERTY

2000, 2100, 2130 & 2140 SOUTH BOULEVARD
CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

Prepared for:

ATHERTON MILL (E&A), LLC

1221 MAIN STREET, SUITE 1000
COLUMBIA, SOUTH CAROLINA 29201

Prepared By:

AMEC ENVIRONMENT & INFRASTRUCTURE, INC.
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NOVEMBER 13, 2012

AMEC PROJECT: 6228-12-0051

amec

November 13, 2012

Ms. Carolyn Minnich, Brownfields Project Manager
North Carolina Department of Environment and Natural Resources
Division of Waste Management
Brownfields Program
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Subject: **Transmittal Letter**
Report of Sub-Slab Vapor Assessment
Atherton Mill Property
2000, 2100, 2130 & 2140 South Boulevard
Charlotte, Mecklenburg County, North Carolina
Brownfields Project Number: 10047-06-60
AMEC Project: 6228-12-0051

Dear Ms. Minnich:

On behalf of Atherton Mill (E&A), LLC, AMEC Environment & Infrastructure, Inc. (AMEC) is pleased to present this Report to the North Carolina Department of Environment and Natural Resources (NCDENR) relating to the scope of services performed at the Atherton Mill Property located in Charlotte, North Carolina (subject property).

We appreciate your review of this report. Please contact the undersigned at (704) 357-8600 if you have questions.

Sincerely,

AMEC ENVIRONMENT & INFRASTRUCTURE, INC.

Andrew J. Frantz, AEP
Project Environmental Scientist

Robert C. Foster, L.G.
Associate Geologist

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Enclosures

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1. SITE HISTORY AND CHARACTERIZATION

The 9.78-acre subject property (subject property) is located at 2000 (Building 1), 2100 (Building 2), 2130 (Building 3) & 2140 (Building 4) South Boulevard in Charlotte, North Carolina and consists of Mecklenburg County Tax Parcel 121-031-09. A site layout is depicted on **Figure 1.** The subject property contains four buildings. According to the Mecklenburg County Property Ownership and Land Records Information System (POLARIS), an approximately 58,959-square foot commercial building (Building 1) constructed in 1908 at 2000 South Boulevard, an approximately 41,166-square foot commercial building (Building 2) constructed in 1940 at 2100 South Boulevard, an approximately 12,422-square foot commercial building (Building 3) constructed in 1962 at 2130 South Boulevard and an approximately 6,255-square foot commercial building (Building 4) constructed in 1932 at 2140 South Boulevard occupy the site **(Figure 1)**. Remaining portions of the site consist of asphalt-paved driveway and parking areas and grass covered areas. The site is currently occupied by office retail and restaurant space.

According to the Brownfields Agreement, in the early 1900's, the Parks-Cramer Company initially developed 4.5-acres of the subject property at the corner of South Boulevard and West Tremont Avenue (2000 South Boulevard). The Parks-Cramer Company manufactured products that included humidity control equipment for textile mills. Later, the Parks-Cramer Company manufactured and restored air handling equipment and hoisting systems for the textile industry.

The Parks-Cramer Company expanded its holdings to the southern portion of the subject property in the 1960's and 1970's. In 1962, it commenced operation of a vapor degreasing unit for cleaning and preparation of metal parts prior to paint application at the northern portion of the subject property. Initially, trichloroethene was used as the solvent in the degreasing process, with 1,1,1-trichlorethane replacing it in 1976.

In 1988, the Parks-Cramer Company sold its manufacturing operation to Flakt, Inc. The property operated under a lease until December 1992, when South Boulevard Properties, Inc. became the owner of the subject property. In 1993, Building 1 was renovated for use of office, restaurant and retail space. Atherton Mills (E&A), LLC purchased the subject property on September 7, 2006.

The most recent environmental sampling at the subject property reportedly occurred in June 2004. The highest concentrations of the Volatile Organic Compounds (VOCs) reported in June 2004 were: 1,1-dichloroethene - 26,000 µg/L, 1,1-dichloroethane – 840 µg/L, cis-1,2-dichloroethene – 1,200 µg/L, 1,1,1-trichloroethane – 16,000 µg/L, trichloroethene (TCE) – 250,000 µg/L and tetrachloroethene (PCE) – 10,000 µg/L.

The subject property is located within the Charlotte Belt of the Piedmont Physiographic Province. Based on a review of the Geologic Map of North Carolina (1985), the site is underlain by granitic rock.

The Soil Survey of Mecklenburg County indicates that soils at the subject property are classified as Urban land (Ur). This map unit consists of areas where 90 percent of the surface is covered with buildings, streets, parking lots, and other impervious material. The natural soils are paved over, covered, or greatly altered by cutting, filling, or grading during the process of urban development. The original landscape and topography and commonly the drainage pattern(s) have been changed.

Based on the USGS topographic map, the elevation of the subject property is approximately 750 feet above mean sea level. Surface drainage patterns within the Piedmont typically indicate the direction contaminants would be transported by surface water or groundwater. Based on our interpretation of the topographic map and on-site observations, surface water on the property would primarily be expected to flow southeast toward an unnamed tributary of Little Sugar Creek.

The direction and movement of groundwater through soil is dependent on soil type and the presence of relict structures and textures of the underlying rock. Fractures, faults, folds and foliation planes affect the migration of groundwater in rock. Since no significant geologic features were identified on the site, it is reasonable to assume that the direction of groundwater flow under static conditions (no pumping interference) approximates the surface topography of the site. Groundwater at the property would primarily be expected to flow southeast toward an unnamed tributary of Little Sugar Creek.

2. SUB-SLAB VAPOR SAMPLING ACTIVITIES

AMEC collected the sub-slab vapor samples in general accordance with the "*DRAFT Vapor Intrusion Guidance, NCDENR Brownfields Program*", dated March 2012, "*Supplemental Guidelines for the Evaluation of Structural Vapor Intrusion Potential for Site Assessments and Remedial Actions Under the Inactive Hazardous Sites Branch*", dated June 21, 2011 and "*Section 3.0 of the "Assessment of Vapor Intrusion in Homes near the Raymark Superfund Site Using Basement and Sub-Slab Air Samples"*."

AMEC originally selected 15 locations at the subject property to collect sub-slab vapor samples. However, due to site conditions, AMEC was unable to collect vapor samples at three of the 15 proposed locations. Firstly, a sample was proposed in the break-room of American Community Bank (Unit 010) near the northern corner of the building. Two concrete slabs were encountered at this location and AMEC's subcontractor was not able to advance the borehole past the second slab into the native soil. Secondly, a sample was proposed in the elevator equipment room adjacent to Ferguson Enterprises, Inc. (Unit 160). AMEC's subcontractor was unable to penetrate the entirety of the concrete slab in this location and native soil was not encountered. Thirdly, a sample was proposed in the lobby adjacent to EDENS (Unit 140). Upon drilling the borehole for this location, it was discovered a portion of the basement was located beneath this location. Additionally, a proposed sample location in the basement was planned beneath this sampling point. The remaining 12 sampling locations where sub-slab vapor samples were collected are identified as follows:

- SG-1 – American Community Bank (Unit 10), in the file storage closet adjacent to the conference room near the building's eastern corner;
- SG-2 – ByDesign Furniture (Unit 20), in the women's restroom, near the building's western corner;
- SG-3 – ByDesign Furniture (Unit 20), in the showroom, near the building's southern corner;
- SG-4 – IceHouse South End (Unit 40), in the kitchen storage area, along the building's southwestern wall;
- SG-5 – Unit 45 (vacant at time of sampling), located near the center of the unit;

- SG-6 – Atherton Mill Market (Unit 60), located near the building's western corner;
- SG-7 – Atherton Mill Market (Unit 60), located near the building's eastern corner;
- SG-8 – Unit 80 (vacant at the time of sampling), located near the eastern corner of the unit;
- SG-9 – Electrical closet (adjacent to Unit 85);
- SG-10 – Janitorial storage room (adjacent to Unit 160);
- SG-11 – Basement located beneath the lobby adjacent to Unit 140 and
- SG-12 – Basement located beneath Unit 140;

The locations of the 12 sub-slab vapor samples that were collected and the three proposed locations where no samples were collected are depicted on **Figure 1**.

On October 9, 2012, AMEC personnel mobilized to the subject property to install the sub-slab vapor sampling kits. Prior to advancement of the borings, AMEC retained a private utility locator, Priority Underground Locating Service (Priority), to check the sampling locations for buried utilities. Following utility clearance, under the direction of AMEC personnel, Priority advanced a one-inch diameter borehole through the concrete slab at each location to the native soil using a hammer drill. After Priority advanced the borehole, AMEC personnel advanced a dedicated soil-gas sampling tip approximately 12 inches beneath the concrete slab using an AMS Manual Soil Vapor Probe kit. The kit consists of a dedicated soil-gas sampling tip, a 5/8" x 3' soil-gas vapor probe rod and a slide hammer. Teflon® tubing was attached to the dedicated sampling tip and threaded through the probe rod prior to advancement of the probe rod. The probe rod was advanced to a depth of approximately 12 inches below the base of the concrete slab and then retracted, leaving the dedicated sampling tip and tubing in the borehole. The annular space of the borehole was then filled with cement to the surface. The seal was left to cure for 24 hours prior to sampling.

On October 10, 2012, AMEC personnel returned to the subject property to sample the sub-slab vapor sampling locations. Prior to connecting a six-liter Summa canister to the sample tubing, stagnant air inside the tubing was purged using a hand pump. After purging was complete, a sample was collected into the Summa canister at a flow rate of

approximately 12.5 mL/min (8-hour sample time). A helium shroud was installed around the sample tubing and Summa canister to assist with collection of soil-gas samples with no breakthrough of outside air. The helium shroud consisted of plastic sheeting surrounding the sample tubing and canister. Helium was added to the shroud and a Dielectric MGD-2002 helium detector was used to measure the concentration of helium within the shroud. The samples were submitted to Pace for laboratory analysis of VOCs by EPA Method TO-15 and helium by EPA Method 3C. The samples were maintained under a chain-of-custody protocol.

Hourly weather observations for the weather station at the Charlotte Douglas International Airport (KCLT) (approximately 4.1 miles west from the subject property) were obtained from Weather Underground. During the eight hour sample collection period, the average temperature was 64.1 °F, the average barometric pressure was 30.07 in. of Hg, the average wind speed was 5.68 mph, the average wind direction was west-southwest and no precipitation was recorded on this date. A summary of the hourly weather data obtained from Weather Underground is provided in **Table 1**.

3. SUB-SLAB VAPOR SAMPLING RESULTS

The results of the sub-slab soil-gas analysis are summarized on Table 2. A copy of the laboratory report is attached. The analysis identified several VOCs in each of the 12 sub-slab vapor samples collected. Most notably:

- PCE was identified in each of the 12 samples collected and the concentrations in samples SG-6 (11,100 µg/m^3), SG-7 (17,100 µg/m^3) and SG-12 (30,200 µg/m^3) exceeded the NCDENR Inactive Hazardous Sites Branch (IHSB) Residential Acceptable Soil-Gas concentration for PCE of 83.4 µg/m^3;

- TCE was identified in 10 of the 12 samples collected and the concentrations in samples SG-5 (95.1 µg/m^3), SG-6 (26,200 µg/m^3), SG-7 (37,400 µg/m^3), SG-8 (39.3 µg/m^3), SG-9 (87.9 µg/m^3), SG-10 (3,330 µg/m^3), SG-11 (8.9 µg/m^3) and SG-12 (94,600 µg/m^3) exceeded the NCDENR IHSB Residential Acceptable Soil-Gas concentration for TCE of 4.2 µg/m^3;

- The concentration of chloroform identified in SG-12 (26.1 µg/m^3) exceeded the NCDENR IHSB Residential Acceptable Soil-Gas concentration of 11 µg/m^3 for chloroform,

- The concentration of 1,1-dichloroethene identified in SG-12 (10,500 µg/m^3) exceeded the NCDENR IHSB Residential Acceptable Soil-Gas concentration of 420 µg/m^3 for 1,1-dichloroethene,

- The concentration of naphthalene identified in SG-1 (6.5 µg/m^3), SG-5 (11.4 µg/m^3), SG-8 (89.2 µg/m^3), SG-9 (197 µg/m^3) and SG-10 (7.3 µg/m^3) NCDENR IHSB Residential Acceptable Soil-Gas concentration of 6.2 µg/m^3,

- The concentration of 1,2,4-trimethylbenzene identified in SG-3 (28.9 µg/m^3), SG-5 (43.2 µg/m^3) and SG-9 (21.2 µg/m^3) exceeded the NCDENR IHSB Residential Acceptable Soil-Gas concentration of 14.6 µg/m^3.

- Other VOC constituent concentrations were identified above their respective laboratory reporting limits. However, these concentrations did not exceed their respective NCDENR IHSB Residential Acceptable Soil-Gas concentrations.

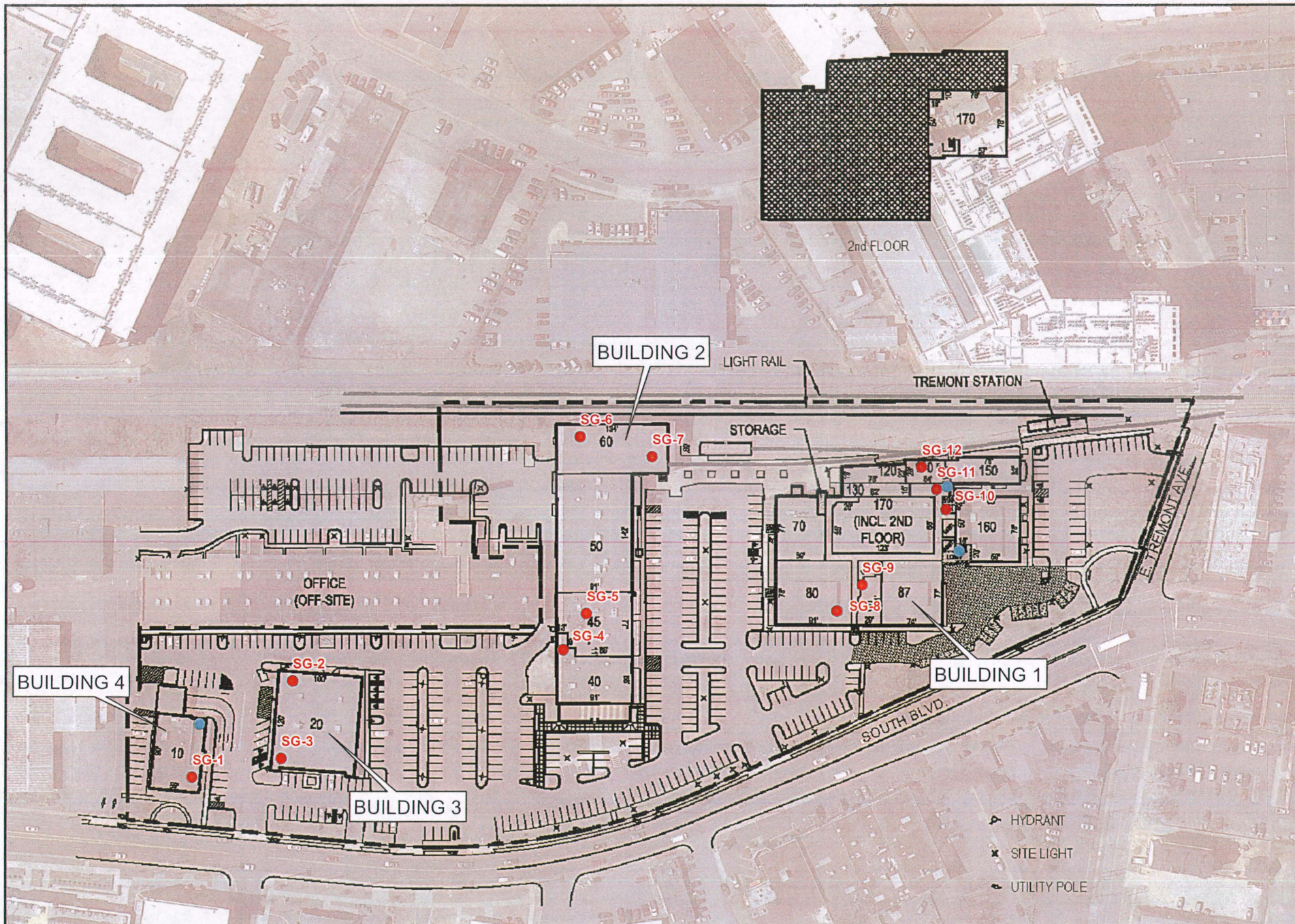
4. CONCLUSIONS

Based on the results of the sub-slab vapor assessment AMEC offers the following conclusions:

- Portions of the property are currently frequented by children and have the potential in the future to be frequented by children. Therefore, the applicable IHSB acceptable soil-gas concentrations are the IHSB Residential Soil-Gas Concentrations;

- Chloromethane, 1,1-dichloroethene, naphthalene, PCE, TCE and 1,2,4-trimethylbenzene were identified in one or more samples at concentrations which exceeded their respective NCDENR IHSB Residential Acceptable Soil-Gas concentrations; and

- Helium was not detected in the sub-slab vapor samples above the laboratory detection limits with the exception f sample sG-3, indicating a breakthrough of outside air occurred in sample SG-3. Breakthrough of outside air would have diluted the sample where constituents of concern may have not been detected above laboratory reporting limits or may have been reported at lower concentrations. Based on the relatively low helium concentration identified (11.5 Ng/m^3), it is AMEC's opinion that the breakthrough of outside air did not significantly affect the integrity of sample SG-3.



ATHERTON MILL			
UNIT	TENANT	SF	ACM SF
10	AMERICAN COMMUNITY BANK	5,405	5,405
20	BY DESIGN FURNITURE	11,600	11,600
40	SOUTH END ICE HOUSE	5,607	5,607
45	AVAILABLE	6,516	6,516
50	ATHLETIC CLUB SOUTH END	11,970	11,970
55	LUNA'S LIVING KITCHEN	850	850
60	TROLLEY BARN	7,810	7,810
70	ZUCCA PIZZA TAVERN	2,836	2,836
80	AVAILABLE	7,454	7,454
85	SAVORY SPICE SHOP	1,604	1,604
87	SOLA SALONS	5,608	5,608
120	VIN MASTER	1,661	1,661
130	IN SYNC SALON	1,333	1,333
140	EDENS	1,384	1,384
150	BIG BEN RESTAURANT AND PUB	2,732	2,732
160	FERGUSON ENTERPRISES, INC.	7,985	7,985
170	KIMLEY-HORN AND ASSOCIATES INC	14,832	14,832
	TOTALS	97,187	97,187

Source: Mecklenburg County Aerial Photography, dated 2009.

Sub-Slab Vapor Samples Collected on October 10, 2012

Proposed Sub-Slab Vapor Samples Not Collected

0 60 120 240 360 480 Feet

amec

SUB-SLAB VAPOR SAMPLING LOCATIONS
ATHERTON MILL PROPERTY
2000, 2100, 2130 & 2140 SOUTH BOULEVARD
CHARLOTTE, NORTH CAROLINA

PREPARED BY	DATE	CHECKED BY	DATE	JOB NUMBER	FIGURE
AJF	11/12/12	RCF	11/12/12	6228-12-0051	1

Table 1: Hourly Weather Observations for October 10, 2012
Atherton Mill Property
Charlotte, North Carolina
AMEC Project: 6228-12-0051

Time (EST)	Temperature (°F)	Pressure (in. of Hg)	Wind Speed (mph)	Wind Direction	Precipitation (in.)
8:52	52.0	30.12	5.8	W	0.0
9:52	55.0	30.11	5.8	SW	0.0
10:52	59.0	30.09	8.1	SW	0.0
11:52	62.6	30.09	3.5	Variable	0.0
12:52	66.0	30.06	4.6	SW	0.0
13:52	68.0	30.05	5.8	W	0.0
14:52	70.0	30.04	5.8	WSW	0.0
15:52	70.0	30.04	4.6	W	0.0
16:52	71.1	30.02	5.8	Variable	0.0
17:52	71.1	30.03	9.2	WNW	0.0
18:52	64.9	30.06	4.6	NNW	0.0
19:52	59.0	30.08	4.6	N	0.0
Average	**64.1**	**30.07**	**5.68**	**WSW**	**0.0**

Notes:
1. Data collected at Charlotte Douglas International Airport (KCLT)
2. Data obtained from Weather Underground (www.wunderground.com)
3. EST = Eastern Standard Time
4. °F = Degrees Fahrenheit
5. in. of Hg = Inches of Mercury
6. mph = Miles per hour
7. in. = Inches

Prepared By/Date: AJF 11-2-12

Checked By/Date: RCF 11-12-12

Table 2: Summary of Sub-Slab Vapor Analytical Results
Atherton Mill Property
Charlotte, North Carolina
AMEC Project: 6228-12-0051

Constituent	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SG-9	SG-10	SG-11	SG-12	IHSB Residential Acceptable Soil-Gas Concentrations
Acetone	88.9	84.3	119	21.2	227	56.4	124	56.2	499	39.3	37.3	17.2	64,000
Benzene	1.1	0.48	0.92	0.76	3.7	<0.44	1.9	0.74	1.6	0.54	0.58	2.6	31
Bromomethane	<1.1	1.2	<1.1	<1.2	<1.1	<1.1	<1.1	<1.1	<2.3	<1.1	<1.1	<1.2	NSL
2-Butanone (MEK)	17.2	10.3	15.9	4.9	95.2	3.8	11.2	6.9	25.4	6.8	3.3	1.3	10,400
Carbon disulfide	2.2	99.8	98.7	<0.94	25.9	7.6	24.9	2.6	38.1	<0.91	<0.91	<0.98	1,460
Carbon tetrachloride	<0.92	<0.92	<0.86	<0.95	<0.92	<0.86	<0.86	<0.92	<1.8	<0.92	<0.92	1.0	41
Chloroethane	<0.78	151	<0.72	<0.80	<0.78	<0.72	<0.72	<0.78	<1.6	<0.78	<0.78	<0.84	NSL
Chloroform	<1.4	<1.4	<1.3	2.5	4.3	2.9	9.2	2.7	<2.9	3.3	<1.4	26.1	11
Chloromethane	<0.60	<0.60	<0.56	<0.63	<0.60	<0.56	<0.56	<0.60	<1.2	<0.60	0.96	<0.65	188
Cyclohexane	1.2	1.5	2.2	2.3	<1.0	<0.94	<0.94	<1.0	5.0	<1.0	<1.0	1.1	NSL
1,4-Dichlorobenzene	<1.8	<1.8	<1.6	2.3	9.7	<1.6	<1.6	<1.8	<3.5	<1.8	<1.8	<1.9	22
Dichlorodifluoromethane	2.5	2.8	2.8	2.5	3.5	2.9	3.1	2.6	<2.9	3.2	3.3	2.8	200
1,1-Dichloroethane	<1.2	<1.2	<1.1	<1.2	<1.2	<1.1	<1.1	<1.2	<2.4	<1.2	<1.2	3.7	150
1,2-Dichloroethane	<059	<0.59	0.64	<0.61	<0.59	<0.55	<0.55	<0.59	<1.2	<0.59	<0.59	<0.64	9.4
1,1-Dichloroethene	<1.2	<1.2	<1.1	<1.2	<1.2	<1.1	<1.1	2.6	<2.3	<1.2	<1.2	10,500	420
cis-1,2-Dichloroethene	<1.2	<1.2	<1.1	<1.2	<1.2	10.2	<1.1	<1.2	<2.3	<1.2	<1.2	96.7	NSL
trans-1,2-Dichloroethene	<1.2	<1.2	<1.1	<1.2	<1.2	<1.1	<1.1	<1.2	<2.3	<1.2	<1.2	14.4	126
Ethylbenzene	1.4	<1.3	2.6	<1.3	7.1	<1.2	<1.2	<1.3	3.8	<1.3	<1.3	<1.4	97
4-Ethyltoluene	<1.4	<1.4	4.8	<1.5	8.2	<1.3	<1.3	<1.4	6.6	<1.4	<1.4	<1.6	NSL
n-Heptane	2.4	<1.2	<1.1	1.3	<1.2	<1.1	<1.1	1.4	2.5	<1.2	1.5	<1.3	NSL
n-Hexane	<1.0	<1.0	<0.96	2.6	<1.0	15.9	37.0	12.9	<2.1	<1.0	<1.0	<1.3	1,460
2-Hexanone	<1.2	2.2	3.9	<1.2	21.9	<1.1	1.9	1.5	7.8	2.1	<1.2	<1.3	NSL
Methylene Chloride	<1.0	<1.0	<0.95	5.6	<1.0	58.4	71.5	26.4	<2.0	<1.0	1.5	<1.1	1,300
4-Methyl-2-pentanone (MIBK)	<1.2	1.6	1.9	<1.2	10.1	<1.1	2.4	<1.2	3.3	<1.2	<1.2	<1.3	6,200
Naphthalene	6.5	2.8	5.7	2.3	11.4	<1.4	<1.4	89.2	197	7.3	3.4	<1.7	6.2
Styrene	2.6	<1.3	3.6	<1.3	<1.3	<1.2	<1.2	<1.3	2.8	<1.3	<1.3	<1.3	2,000
Tetrachloroethene (PCE)	1.5	2.2	1.9	3.0	14.4	11,100	17,100	27.2	24.2	8.5	1.8	30,200	83.4
Tetrahydrofuran	<0.86	<0.86	4.0	<0.89	<0.86	<0.80	<0.80	<0.86	<1.7	<0.86	<0.86	<0.93	NSL
THC as Gas	2,900	1,170	1,780	1,510	2,080	4,730	5,690	955	3,450	1,610	246	9,890	NSL
Toluene	5.4	8.0	23.0	5.5	170	5.6	5.7	3.1	16.7	<1.1	1.9	1.7	10,400
1,2,4-Trichlorobenzene	<2.2	<2.2	2.8	<2.2	<2.2	<2.0	<2.0	<2.2	<4.3	<2.2	<2.2	<2.3	4.2
1,1,1-Trichloroethane	<1.6	<1.6	<1.5	<1.7	5.9	71.4	184	1.6	5.8	2.2	<1.6	1,490	10,400
Trichloroethene (TCE)	<0.79	1.1	3.8	<0.82	95.1	26,200	37,400	39.3	87.9	3,330	8.9	94,600	4.2
Trichlorofluoromethane	17.6	<1.6	<1.5	<1.7	<1.6	1.6	1.8	1.7	<3.3	1.7	1.8	1.9	1,460
1,2,4-Trimethylbenzene	3.7	7.3	28.9	5.5	43.2	2.1	2.1	5.0	21.2	2.1	1.9	<1.5	14.6
1,3,5-Trimethylbenzene	2.0	2.6	8.7	3.1	14.1	<1.3	<1.3	2.2	7.5	1.5	<1.4	<1.5	NSL
m&p-Xylene	5.2	2.7	6.3	<2.6	32.5	<2.4	2.6	<2.5	14.0	<2.5	3.4	<2.7	200
o-Xylene	2.7	1.4	3.8	1.6	15.4	<1.2	<1.2	<1.3	6.1	<1.3	1.4	<1.4	200
Helium	<5.8	<3.8	11.5	<3.8	<3.2	<4.2	<3.3	<4.4	<9.6	<4.4	<5.9	<5.0	NSL

Notes:
1. Concentrations shown in $\mu g/m^3$
2. IHSB = Inactive Hazardous Sites Branch
3. NSL = No standard lists
4. Bold values indicate a concentration exceeding the laboratory reporting limit
5. Shaded values indicate a concentration exceeding the IHSB Residential Acceptable Soil-Gas Concentration
6. THC = Total Hydrocarbons
7. Helium was used as a leak check
8. Samples collected on October 10, 2012

Prepared By/Date: AJF 11-2-12

Checked By/Date: RCF 11-12-12

LABORAOTRY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORM

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October 25, 2012

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Received and reviewed by AJF

10/25/12

RE: Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Dear Mr. Frantz:
Enclosed are the analytical results for sample(s) received by the laboratory on October 11, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Godwin

kevin.godwin@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Minnesota Certification IDs
1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: Pace
Florida/NELAP Certification #: E87605
Georgia Certification #: 959
Hawaii Certification #Pace
Idaho Certification #: MN00064
Illinois Certification #: 200011
Kansas Certification #: E-10167
Louisiana Certification #: 03086
Louisiana Certification #: LA080009
Maine Certification #: 2007029
Maryland Certification #: 322
Michigan DEQ Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT CERT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Dakota Certification #: R-036
North Dakota Certification #: R-036A
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Tennessee Certification #: 02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia/DCLS Certification #: 002521
Virginia/VELAP Certification #: 460163
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SAMPLE ANALYTE COUNT

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92134797001	SG-1	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797002	SG-2	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797003	SG-3	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797004	SG-4	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797005	SG-5	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797006	SG-6	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797007	SG-7	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797008	SG-8	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797009	SG-9	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797010	SG-10	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797011	SG-11	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M
92134797012	SG-12	Method 3C Gases	RTP	1	PASI-M
		TO-15	CJR	59	PASI-M

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-1 **Lab ID: 92134797001** Collected: 10/10/12 10:35 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	5.8	1.61		10/18/12 12:34	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**88.9**	ug/m3	0.69	1.44		10/20/12 18:18	67-64-1	
Benzene	**1.1**	ug/m3	0.47	1.44		10/20/12 18:18	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.44		10/20/12 18:18	75-27-4	
Bromoform	ND	ug/m3	3.0	1.44		10/20/12 18:18	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		10/20/12 18:18	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		10/20/12 18:18	106-99-0	
2-Butanone (MEK)	**17.2**	ug/m3	0.86	1.44		10/20/12 18:18	78-93-3	
Carbon disulfide	**2.2**	ug/m3	0.91	1.44		10/20/12 18:18	75-15-0	SS
Carbon tetrachloride	ND	ug/m3	0.92	1.44		10/20/12 18:18	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.44		10/20/12 18:18	108-90-7	
Chloroethane	ND	ug/m3	0.78	1.44		10/20/12 18:18	75-00-3	
Chloroform	ND	ug/m3	1.4	1.44		10/20/12 18:18	67-66-3	
Chloromethane	ND	ug/m3	0.60	1.44		10/20/12 18:18	74-87-3	
Cyclohexane	**1.2**	ug/m3	1.0	1.44		10/20/12 18:18	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		10/20/12 18:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	1.44		10/20/12 18:18	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 18:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 18:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 18:18	106-46-7	
Dichlorodifluoromethane	**2.5**	ug/m3	1.5	1.44		10/20/12 18:18	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.44		10/20/12 18:18	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	1.44		10/20/12 18:18	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 18:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 18:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 18:18	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		10/20/12 18:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 18:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 18:18	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		10/20/12 18:18	76-14-2	
Ethyl acetate	ND	ug/m3	1.1	1.44		10/20/12 18:18	141-78-6	
Ethylbenzene	**1.4**	ug/m3	1.3	1.44		10/20/12 18:18	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	1.44		10/20/12 18:18	622-96-8	
n-Heptane	**2.4**	ug/m3	1.2	1.44		10/20/12 18:18	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.44		10/20/12 18:18	87-68-3	
n-Hexane	ND	ug/m3	1.0	1.44		10/20/12 18:18	110-54-3	
2-Hexanone	ND	ug/m3	1.2	1.44		10/20/12 18:18	591-78-6	
Methylene Chloride	ND	ug/m3	1.0	1.44		10/20/12 18:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.2	1.44		10/20/12 18:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.44		10/20/12 18:18	1634-04-4	
Naphthalene	**6.5**	ug/m3	1.5	1.44		10/20/12 18:18	91-20-3	
Propylene	ND	ug/m3	0.50	1.44		10/20/12 18:18	115-07-1	
Styrene	**2.6**	ug/m3	1.3	1.44		10/20/12 18:18	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		10/20/12 18:18	79-34-5	
Tetrachloroethene	**1.5**	ug/m3	0.99	1.44		10/20/12 18:18	127-18-4	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-1 **Lab ID: 92134797001** Collected: 10/10/12 10:35 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.86	1.44		10/20/12 18:18	109-99-9	
THC as Gas	**2900**	ug/m3	87.6	1.44		10/20/12 18:18		
Toluene	**5.4**	ug/m3	1.1	1.44		10/20/12 18:18	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.44		10/20/12 18:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	1.44		10/20/12 18:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.79	1.44		10/20/12 18:18	79-00-5	
Trichloroethene	ND	ug/m3	0.79	1.44		10/20/12 18:18	79-01-6	
Trichlorofluoromethane	**17.6**	ug/m3	1.6	1.44		10/20/12 18:18	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.44		10/20/12 18:18	76-13-1	
1,2,4-Trimethylbenzene	**3.7**	ug/m3	1.4	1.44		10/20/12 18:18	95-63-6	
1,3,5-Trimethylbenzene	**2.0**	ug/m3	1.4	1.44		10/20/12 18:18	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.44		10/20/12 18:18	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		10/20/12 18:18	75-01-4	
m&p-Xylene	**5.2**	ug/m3	2.5	1.44		10/20/12 18:18	179601-23-1	
o-Xylene	**2.7**	ug/m3	1.3	1.44		10/20/12 18:18	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-2 **Lab ID: 92134797002** Collected: 10/10/12 18:07 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	3.8	1.06		10/18/12 12:52	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**84.3**	ug/m3	0.69	1.44		10/20/12 18:47	67-64-1	
Benzene	**0.48**	ug/m3	0.47	1.44		10/20/12 18:47	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.44		10/20/12 18:47	75-27-4	
Bromoform	ND	ug/m3	3.0	1.44		10/20/12 18:47	75-25-2	
Bromomethane	**1.2**	ug/m3	1.1	1.44		10/20/12 18:47	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		10/20/12 18:47	106-99-0	
2-Butanone (MEK)	**10.3**	ug/m3	0.86	1.44		10/20/12 18:47	78-93-3	
Carbon disulfide	**99.8**	ug/m3	0.91	1.44		10/20/12 18:47	75-15-0	SS
Carbon tetrachloride	ND	ug/m3	0.92	1.44		10/20/12 18:47	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.44		10/20/12 18:47	108-90-7	
Chloroethane	**151**	ug/m3	4.2	7.75		10/22/12 13:57	75-00-3	2g
Chloroform	ND	ug/m3	1.4	1.44		10/20/12 18:47	67-66-3	
Chloromethane	ND	ug/m3	0.60	1.44		10/20/12 18:47	74-87-3	
Cyclohexane	**1.5**	ug/m3	1.0	1.44		10/20/12 18:47	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		10/20/12 18:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	1.44		10/20/12 18:47	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 18:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 18:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 18:47	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.5	1.44		10/20/12 18:47	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.44		10/20/12 18:47	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	1.44		10/20/12 18:47	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 18:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 18:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 18:47	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		10/20/12 18:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 18:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 18:47	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		10/20/12 18:47	76-14-2	
Ethyl acetate	ND	ug/m3	1.1	1.44		10/20/12 18:47	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	1.44		10/20/12 18:47	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	1.44		10/20/12 18:47	622-96-8	
n-Heptane	ND	ug/m3	1.2	1.44		10/20/12 18:47	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.44		10/20/12 18:47	87-68-3	
n-Hexane	ND	ug/m3	1.0	1.44		10/20/12 18:47	110-54-3	
2-Hexanone	**2.2**	ug/m3	1.2	1.44		10/20/12 18:47	591-78-6	
Methylene Chloride	ND	ug/m3	1.0	1.44		10/20/12 18:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.6**	ug/m3	1.2	1.44		10/20/12 18:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.44		10/20/12 18:47	1634-04-4	
Naphthalene	**2.8**	ug/m3	1.5	1.44		10/20/12 18:47	91-20-3	
Propylene	ND	ug/m3	0.50	1.44		10/20/12 18:47	115-07-1	
Styrene	ND	ug/m3	1.3	1.44		10/20/12 18:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		10/20/12 18:47	79-34-5	
Tetrachloroethene	**2.2**	ug/m3	0.99	1.44		10/20/12 18:47	127-18-4	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-2 **Lab ID: 92134797002** Collected: 10/10/12 18:07 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.86	1.44		10/20/12 18:47	109-99-9	
THC as Gas	**1170**	ug/m3	87.6	1.44		10/20/12 18:47		
Toluene	**8.0**	ug/m3	1.1	1.44		10/20/12 18:47	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.44		10/20/12 18:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	1.44		10/20/12 18:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.79	1.44		10/20/12 18:47	79-00-5	
Trichloroethene	**1.1**	ug/m3	0.79	1.44		10/20/12 18:47	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	1.44		10/20/12 18:47	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.44		10/20/12 18:47	76-13-1	
1,2,4-Trimethylbenzene	**7.3**	ug/m3	1.4	1.44		10/20/12 18:47	95-63-6	
1,3,5-Trimethylbenzene	**2.6**	ug/m3	1.4	1.44		10/20/12 18:47	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.44		10/20/12 18:47	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		10/20/12 18:47	75-01-4	
m&p-Xylene	**2.7**	ug/m3	2.5	1.44		10/20/12 18:47	179601-23-1	
o-Xylene	**1.4**	ug/m3	1.3	1.44		10/20/12 18:47	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-3 **Lab ID: 92134797003** Collected: 10/10/12 18:15 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	**11.5**	%	4.0	1.12		10/18/12 13:00	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**119**	ug/m3	0.64	1.34		10/20/12 19:16	67-64-1	E
Benzene	**0.92**	ug/m3	0.44	1.34		10/20/12 19:16	71-43-2	
Bromodichloromethane	ND	ug/m3	1.8	1.34		10/20/12 19:16	75-27-4	
Bromoform	ND	ug/m3	2.8	1.34		10/20/12 19:16	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.34		10/20/12 19:16	74-83-9	
1,3-Butadiene	ND	ug/m3	0.60	1.34		10/20/12 19:16	106-99-0	
2-Butanone (MEK)	**15.9**	ug/m3	0.80	1.34		10/20/12 19:16	78-93-3	
Carbon disulfide	**98.7**	ug/m3	0.84	1.34		10/20/12 19:16	75-15-0	SS
Carbon tetrachloride	ND	ug/m3	0.86	1.34		10/20/12 19:16	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	1.34		10/20/12 19:16	108-90-7	
Chloroethane	ND	ug/m3	0.72	1.34		10/20/12 19:16	75-00-3	
Chloroform	ND	ug/m3	1.3	1.34		10/20/12 19:16	67-66-3	
Chloromethane	ND	ug/m3	0.56	1.34		10/20/12 19:16	74-87-3	
Cyclohexane	**2.2**	ug/m3	0.94	1.34		10/20/12 19:16	110-82-7	
Dibromochloromethane	ND	ug/m3	2.3	1.34		10/20/12 19:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.1	1.34		10/20/12 19:16	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.6	1.34		10/20/12 19:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.6	1.34		10/20/12 19:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.6	1.34		10/20/12 19:16	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.4	1.34		10/20/12 19:16	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.1	1.34		10/20/12 19:16	75-34-3	
1,2-Dichloroethane	**0.64**	ug/m3	0.55	1.34		10/20/12 19:16	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.1	1.34		10/20/12 19:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.1	1.34		10/20/12 19:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	1.34		10/20/12 19:16	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.3	1.34		10/20/12 19:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.2	1.34		10/20/12 19:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.2	1.34		10/20/12 19:16	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.9	1.34		10/20/12 19:16	76-14-2	
Ethyl acetate	ND	ug/m3	0.98	1.34		10/20/12 19:16	141-78-6	
Ethylbenzene	**2.6**	ug/m3	1.2	1.34		10/20/12 19:16	100-41-4	
4-Ethyltoluene	**4.8**	ug/m3	1.3	1.34		10/20/12 19:16	622-96-8	
n-Heptane	ND	ug/m3	1.1	1.34		10/20/12 19:16	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	2.9	1.34		10/20/12 19:16	87-68-3	
n-Hexane	ND	ug/m3	0.96	1.34		10/20/12 19:16	110-54-3	
2-Hexanone	**3.9**	ug/m3	1.1	1.34		10/20/12 19:16	591-78-6	
Methylene Chloride	ND	ug/m3	0.95	1.34		10/20/12 19:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.9**	ug/m3	1.1	1.34		10/20/12 19:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	0.98	1.34		10/20/12 19:16	1634-04-4	
Naphthalene	**5.7**	ug/m3	1.4	1.34		10/20/12 19:16	91-20-3	
Propylene	ND	ug/m3	0.47	1.34		10/20/12 19:16	115-07-1	
Styrene	**3.6**	ug/m3	1.2	1.34		10/20/12 19:16	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.94	1.34		10/20/12 19:16	79-34-5	
Tetrachloroethene	**1.9**	ug/m3	0.92	1.34		10/20/12 19:16	127-18-4	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-3 **Lab ID: 92134797003** Collected: 10/10/12 18:15 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	**4.0**	ug/m3	0.80	1.34		10/20/12 19:16	109-99-9	
THC as Gas	**1780**	ug/m3	81.5	1.34		10/20/12 19:16		
Toluene	**23.0**	ug/m3	1.0	1.34		10/20/12 19:16	108-88-3	
1,2,4-Trichlorobenzene	**2.8**	ug/m3	2.0	1.34		10/20/12 19:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.5	1.34		10/20/12 19:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.74	1.34		10/20/12 19:16	79-00-5	
Trichloroethene	**3.8**	ug/m3	0.74	1.34		10/20/12 19:16	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.5	1.34		10/20/12 19:16	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.1	1.34		10/20/12 19:16	76-13-1	
1,2,4-Trimethylbenzene	**28.9**	ug/m3	1.3	1.34		10/20/12 19:16	95-63-6	
1,3,5-Trimethylbenzene	**8.7**	ug/m3	1.3	1.34		10/20/12 19:16	108-67-8	
Vinyl acetate	ND	ug/m3	0.96	1.34		10/20/12 19:16	108-05-4	
Vinyl chloride	ND	ug/m3	0.35	1.34		10/20/12 19:16	75-01-4	
m&p-Xylene	**6.3**	ug/m3	2.4	1.34		10/20/12 19:16	179601-23-1	
o-Xylene	**3.8**	ug/m3	1.2	1.34		10/20/12 19:16	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-4 **Lab ID: 92134797004** Collected: 10/10/12 17:23 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	3.8	1.05		10/18/12 13:09	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**21.2**	ug/m3	0.72	1.49		10/20/12 19:45	67-64-1	
Benzene	**0.76**	ug/m3	0.48	1.49		10/20/12 19:45	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.49		10/20/12 19:45	75-27-4	
Bromoform	ND	ug/m3	3.1	1.49		10/20/12 19:45	75-25-2	
Bromomethane	ND	ug/m3	1.2	1.49		10/20/12 19:45	74-83-9	
1,3-Butadiene	ND	ug/m3	0.67	1.49		10/20/12 19:45	106-99-0	
2-Butanone (MEK)	**4.9**	ug/m3	0.89	1.49		10/20/12 19:45	78-93-3	
Carbon disulfide	ND	ug/m3	0.94	1.49		10/20/12 19:45	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.95	1.49		10/20/12 19:45	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.49		10/20/12 19:45	108-90-7	
Chloroethane	ND	ug/m3	0.80	1.49		10/20/12 19:45	75-00-3	
Chloroform	**2.5**	ug/m3	1.5	1.49		10/20/12 19:45	67-66-3	
Chloromethane	ND	ug/m3	0.63	1.49		10/20/12 19:45	74-87-3	
Cyclohexane	**2.3**	ug/m3	1.0	1.49		10/20/12 19:45	110-82-7	
Dibromochloromethane	ND	ug/m3	2.6	1.49		10/20/12 19:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.3	1.49		10/20/12 19:45	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.49		10/20/12 19:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.49		10/20/12 19:45	541-73-1	
1,4-Dichlorobenzene	**2.3**	ug/m3	1.8	1.49		10/20/12 19:45	106-46-7	
Dichlorodifluoromethane	**2.5**	ug/m3	1.5	1.49		10/20/12 19:45	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.49		10/20/12 19:45	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.61	1.49		10/20/12 19:45	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.49		10/20/12 19:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.49		10/20/12 19:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.49		10/20/12 19:45	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.49		10/20/12 19:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.4	1.49		10/20/12 19:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.4	1.49		10/20/12 19:45	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.1	1.49		10/20/12 19:45	76-14-2	
Ethyl acetate	ND	ug/m3	1.1	1.49		10/20/12 19:45	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	1.49		10/20/12 19:45	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.5	1.49		10/20/12 19:45	622-96-8	
n-Heptane	**1.3**	ug/m3	1.2	1.49		10/20/12 19:45	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.3	1.49		10/20/12 19:45	87-68-3	
n-Hexane	**2.6**	ug/m3	1.1	1.49		10/20/12 19:45	110-54-3	
2-Hexanone	ND	ug/m3	1.2	1.49		10/20/12 19:45	591-78-6	
Methylene Chloride	**5.6**	ug/m3	1.1	1.49		10/20/12 19:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.2	1.49		10/20/12 19:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.49		10/20/12 19:45	1634-04-4	
Naphthalene	**2.3**	ug/m3	1.6	1.49		10/20/12 19:45	91-20-3	
Propylene	ND	ug/m3	0.52	1.49		10/20/12 19:45	115-07-1	
Styrene	ND	ug/m3	1.3	1.49		10/20/12 19:45	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.49		10/20/12 19:45	79-34-5	
Tetrachloroethene	**3.0**	ug/m3	1.0	1.49		10/20/12 19:45	127-18-4	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-4 **Lab ID: 92134797004** Collected: 10/10/12 17:23 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.89	1.49		10/20/12 19:45	109-99-9	
THC as Gas	**1510**	ug/m3	90.6	1.49		10/20/12 19:45		
Toluene	**5.5**	ug/m3	1.1	1.49		10/20/12 19:45	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.49		10/20/12 19:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.7	1.49		10/20/12 19:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.82	1.49		10/20/12 19:45	79-00-5	
Trichloroethene	ND	ug/m3	0.82	1.49		10/20/12 19:45	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.7	1.49		10/20/12 19:45	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.4	1.49		10/20/12 19:45	76-13-1	
1,2,4-Trimethylbenzene	**5.5**	ug/m3	1.5	1.49		10/20/12 19:45	95-63-6	
1,3,5-Trimethylbenzene	**3.1**	ug/m3	1.5	1.49		10/20/12 19:45	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	1.49		10/20/12 19:45	108-05-4	
Vinyl chloride	ND	ug/m3	0.39	1.49		10/20/12 19:45	75-01-4	
m&p-Xylene	ND	ug/m3	2.6	1.49		10/20/12 19:45	179601-23-1	
o-Xylene	**1.6**	ug/m3	1.3	1.49		10/20/12 19:45	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-5 **Lab ID: 92134797005** Collected: 10/10/12 18:30 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	3.2	0.9		10/18/12 13:18	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**227**	ug/m3	6.9	14.4		10/22/12 12:01	67-64-1	2g
Benzene	**3.7**	ug/m3	0.47	1.44		10/20/12 20:14	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.44		10/20/12 20:14	75-27-4	
Bromoform	ND	ug/m3	3.0	1.44		10/20/12 20:14	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		10/20/12 20:14	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		10/20/12 20:14	106-99-0	
2-Butanone (MEK)	**95.2**	ug/m3	0.86	1.44		10/20/12 20:14	78-93-3	
Carbon disulfide	**25.9**	ug/m3	0.91	1.44		10/20/12 20:14	75-15-0	SS
Carbon tetrachloride	ND	ug/m3	0.92	1.44		10/20/12 20:14	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.44		10/20/12 20:14	108-90-7	
Chloroethane	ND	ug/m3	0.78	1.44		10/20/12 20:14	75-00-3	
Chloroform	**4.3**	ug/m3	1.4	1.44		10/20/12 20:14	67-66-3	
Chloromethane	ND	ug/m3	0.60	1.44		10/20/12 20:14	74-87-3	
Cyclohexane	ND	ug/m3	1.0	1.44		10/20/12 20:14	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		10/20/12 20:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	1.44		10/20/12 20:14	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 20:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 20:14	541-73-1	
1,4-Dichlorobenzene	**9.7**	ug/m3	1.8	1.44		10/20/12 20:14	106-46-7	
Dichlorodifluoromethane	**3.5**	ug/m3	1.5	1.44		10/20/12 20:14	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.44		10/20/12 20:14	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	1.44		10/20/12 20:14	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 20:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 20:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 20:14	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		10/20/12 20:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 20:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 20:14	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		10/20/12 20:14	76-14-2	
Ethyl acetate	ND	ug/m3	1.1	1.44		10/20/12 20:14	141-78-6	
Ethylbenzene	**7.1**	ug/m3	1.3	1.44		10/20/12 20:14	100-41-4	
4-Ethyltoluene	**8.2**	ug/m3	1.4	1.44		10/20/12 20:14	622-96-8	
n-Heptane	ND	ug/m3	1.2	1.44		10/20/12 20:14	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.44		10/20/12 20:14	87-68-3	
n-Hexane	ND	ug/m3	1.0	1.44		10/20/12 20:14	110-54-3	
2-Hexanone	**21.9**	ug/m3	1.2	1.44		10/20/12 20:14	591-78-6	
Methylene Chloride	ND	ug/m3	1.0	1.44		10/20/12 20:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	**10.1**	ug/m3	1.2	1.44		10/20/12 20:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.44		10/20/12 20:14	1634-04-4	
Naphthalene	**11.4**	ug/m3	1.5	1.44		10/20/12 20:14	91-20-3	
Propylene	ND	ug/m3	0.50	1.44		10/20/12 20:14	115-07-1	
Styrene	ND	ug/m3	1.3	1.44		10/20/12 20:14	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		10/20/12 20:14	79-34-5	
Tetrachloroethene	**14.4**	ug/m3	0.99	1.44		10/20/12 20:14	127-18-4	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-5 **Lab ID: 92134797005** Collected: 10/10/12 18:30 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.86	1.44		10/20/12 20:14	109-99-9	
THC as Gas	**2080**	ug/m3	87.6	1.44		10/20/12 20:14		
Toluene	**170**	ug/m3	11.1	14.4		10/22/12 12:01	108-88-3	2g
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.44		10/20/12 20:14	120-82-1	
1,1,1-Trichloroethane	**5.9**	ug/m3	1.6	1.44		10/20/12 20:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.79	1.44		10/20/12 20:14	79-00-5	
Trichloroethene	**95.1**	ug/m3	0.79	1.44		10/20/12 20:14	79-01-6	
Trichlorofluoromethane	ND	ug/m3	1.6	1.44		10/20/12 20:14	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.44		10/20/12 20:14	76-13-1	
1,2,4-Trimethylbenzene	**43.2**	ug/m3	1.4	1.44		10/20/12 20:14	95-63-6	
1,3,5-Trimethylbenzene	**14.1**	ug/m3	1.4	1.44		10/20/12 20:14	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.44		10/20/12 20:14	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		10/20/12 20:14	75-01-4	
m&p-Xylene	**32.5**	ug/m3	2.5	1.44		10/20/12 20:14	179601-23-1	
o-Xylene	**15.4**	ug/m3	1.3	1.44		10/20/12 20:14	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-6 **Lab ID: 92134797006** Collected: 10/10/12 16:57 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	4.2	1.18		10/18/12 13:27	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**56.4**	ug/m3	0.64	1.34		10/20/12 20:43	67-64-1	
Benzene	ND	ug/m3	0.44	1.34		10/20/12 20:43	71-43-2	
Bromodichloromethane	ND	ug/m3	1.8	1.34		10/20/12 20:43	75-27-4	
Bromoform	ND	ug/m3	2.8	1.34		10/20/12 20:43	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.34		10/20/12 20:43	74-83-9	
1,3-Butadiene	ND	ug/m3	0.60	1.34		10/20/12 20:43	106-99-0	
2-Butanone (MEK)	**3.8**	ug/m3	0.80	1.34		10/20/12 20:43	78-93-3	
Carbon disulfide	**7.6**	ug/m3	0.84	1.34		10/20/12 20:43	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.86	1.34		10/20/12 20:43	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	1.34		10/20/12 20:43	108-90-7	
Chloroethane	ND	ug/m3	0.72	1.34		10/20/12 20:43	75-00-3	
Chloroform	**2.9**	ug/m3	1.3	1.34		10/20/12 20:43	67-66-3	
Chloromethane	ND	ug/m3	0.56	1.34		10/20/12 20:43	74-87-3	
Cyclohexane	ND	ug/m3	0.94	1.34		10/20/12 20:43	110-82-7	
Dibromochloromethane	ND	ug/m3	2.3	1.34		10/20/12 20:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.1	1.34		10/20/12 20:43	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.6	1.34		10/20/12 20:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.6	1.34		10/20/12 20:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.6	1.34		10/20/12 20:43	106-46-7	
Dichlorodifluoromethane	**2.9**	ug/m3	1.4	1.34		10/20/12 20:43	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.1	1.34		10/20/12 20:43	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.55	1.34		10/20/12 20:43	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.1	1.34		10/20/12 20:43	75-35-4	
cis-1,2-Dichloroethene	**10.2**	ug/m3	1.1	1.34		10/20/12 20:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	1.34		10/20/12 20:43	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.3	1.34		10/20/12 20:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.2	1.34		10/20/12 20:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.2	1.34		10/20/12 20:43	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.9	1.34		10/20/12 20:43	76-14-2	
Ethyl acetate	ND	ug/m3	0.98	1.34		10/20/12 20:43	141-78-6	
Ethylbenzene	ND	ug/m3	1.2	1.34		10/20/12 20:43	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.3	1.34		10/20/12 20:43	622-96-8	
n-Heptane	ND	ug/m3	1.1	1.34		10/20/12 20:43	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	2.9	1.34		10/20/12 20:43	87-68-3	
n-Hexane	**15.9**	ug/m3	0.96	1.34		10/20/12 20:43	110-54-3	
2-Hexanone	ND	ug/m3	1.1	1.34		10/20/12 20:43	591-78-6	
Methylene Chloride	**58.4**	ug/m3	0.95	1.34		10/20/12 20:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.1	1.34		10/20/12 20:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	0.98	1.34		10/20/12 20:43	1634-04-4	
Naphthalene	ND	ug/m3	1.4	1.34		10/20/12 20:43	91-20-3	
Propylene	ND	ug/m3	0.47	1.34		10/20/12 20:43	115-07-1	
Styrene	ND	ug/m3	1.2	1.34		10/20/12 20:43	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.94	1.34		10/20/12 20:43	79-34-5	
Tetrachloroethene	**11100**	ug/m3	1180	1715.2		10/22/12 18:25	127-18-4	A3

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-6 **Lab ID: 92134797006** Collected: 10/10/12 16:57 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.80	1.34		10/20/12 20:43	109-99-9	
THC as Gas	**4730**	ug/m3	81.5	1.34		10/20/12 20:43		
Toluene	**5.6**	ug/m3	1.0	1.34		10/20/12 20:43	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.0	1.34		10/20/12 20:43	120-82-1	
1,1,1-Trichloroethane	**71.4**	ug/m3	1.5	1.34		10/20/12 20:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.74	1.34		10/20/12 20:43	79-00-5	
Trichloroethene	**26200**	ug/m3	943	1715.2		10/22/12 18:25	79-01-6	A3
Trichlorofluoromethane	**1.6**	ug/m3	1.5	1.34		10/20/12 20:43	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.1	1.34		10/20/12 20:43	76-13-1	
1,2,4-Trimethylbenzene	**2.1**	ug/m3	1.3	1.34		10/20/12 20:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.3	1.34		10/20/12 20:43	108-67-8	
Vinyl acetate	ND	ug/m3	0.96	1.34		10/20/12 20:43	108-05-4	
Vinyl chloride	ND	ug/m3	0.35	1.34		10/20/12 20:43	75-01-4	
m&p-Xylene	ND	ug/m3	2.4	1.34		10/20/12 20:43	179601-23-1	
o-Xylene	ND	ug/m3	1.2	1.34		10/20/12 20:43	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-7 **Lab ID: 92134797007** Collected: 10/10/12 17:05 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	3.3	0.91		10/18/12 13:35	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**124**	ug/m3	0.64	1.34		10/20/12 21:12	67-64-1	E
Benzene	**1.9**	ug/m3	0.44	1.34		10/20/12 21:12	71-43-2	
Bromodichloromethane	ND	ug/m3	1.8	1.34		10/20/12 21:12	75-27-4	
Bromoform	ND	ug/m3	2.8	1.34		10/20/12 21:12	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.34		10/20/12 21:12	74-83-9	
1,3-Butadiene	ND	ug/m3	0.60	1.34		10/20/12 21:12	106-99-0	
2-Butanone (MEK)	**11.2**	ug/m3	0.80	1.34		10/20/12 21:12	78-93-3	
Carbon disulfide	**24.9**	ug/m3	0.84	1.34		10/20/12 21:12	75-15-0	SS
Carbon tetrachloride	ND	ug/m3	0.86	1.34		10/20/12 21:12	56-23-5	
Chlorobenzene	ND	ug/m3	1.3	1.34		10/20/12 21:12	108-90-7	
Chloroethane	ND	ug/m3	0.72	1.34		10/20/12 21:12	75-00-3	
Chloroform	**9.2**	ug/m3	1.3	1.34		10/20/12 21:12	67-66-3	
Chloromethane	ND	ug/m3	0.56	1.34		10/20/12 21:12	74-87-3	
Cyclohexane	ND	ug/m3	0.94	1.34		10/20/12 21:12	110-82-7	
Dibromochloromethane	ND	ug/m3	2.3	1.34		10/20/12 21:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.1	1.34		10/20/12 21:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.6	1.34		10/20/12 21:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.6	1.34		10/20/12 21:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.6	1.34		10/20/12 21:12	106-46-7	
Dichlorodifluoromethane	**3.1**	ug/m3	1.4	1.34		10/20/12 21:12	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.1	1.34		10/20/12 21:12	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.55	1.34		10/20/12 21:12	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.1	1.34		10/20/12 21:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.1	1.34		10/20/12 21:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.1	1.34		10/20/12 21:12	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.3	1.34		10/20/12 21:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.2	1.34		10/20/12 21:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.2	1.34		10/20/12 21:12	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	1.9	1.34		10/20/12 21:12	76-14-2	
Ethyl acetate	ND	ug/m3	0.98	1.34		10/20/12 21:12	141-78-6	
Ethylbenzene	ND	ug/m3	1.2	1.34		10/20/12 21:12	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.3	1.34		10/20/12 21:12	622-96-8	
n-Heptane	ND	ug/m3	1.1	1.34		10/20/12 21:12	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	2.9	1.34		10/20/12 21:12	87-68-3	
n-Hexane	**37.0**	ug/m3	0.96	1.34		10/20/12 21:12	110-54-3	
2-Hexanone	**1.9**	ug/m3	1.1	1.34		10/20/12 21:12	591-78-6	
Methylene Chloride	**71.5**	ug/m3	0.95	1.34		10/20/12 21:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2.4**	ug/m3	1.1	1.34		10/20/12 21:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	0.98	1.34		10/20/12 21:12	1634-04-4	
Naphthalene	ND	ug/m3	1.4	1.34		10/20/12 21:12	91-20-3	
Propylene	ND	ug/m3	0.47	1.34		10/20/12 21:12	115-07-1	
Styrene	ND	ug/m3	1.2	1.34		10/20/12 21:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	0.94	1.34		10/20/12 21:12	79-34-5	
Tetrachloroethene	**17100**	ug/m3	2360	3430.4		10/22/12 17:57	127-18-4	2g,A3

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-7 **Lab ID: 92134797007** Collected: 10/10/12 17:05 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.80	1.34		10/20/12 21:12	109-99-9	
THC as Gas	**5690**	ug/m3	81.5	1.34		10/20/12 21:12		
Toluene	**5.7**	ug/m3	1.0	1.34		10/20/12 21:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.0	1.34		10/20/12 21:12	120-82-1	
1,1,1-Trichloroethane	**184**	ug/m3	1.5	1.34		10/20/12 21:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.74	1.34		10/20/12 21:12	79-00-5	
Trichloroethene	**37400**	ug/m3	1890	3430.4		10/22/12 17:57	79-01-6	2g,A3
Trichlorofluoromethane	**1.8**	ug/m3	1.5	1.34		10/20/12 21:12	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.1	1.34		10/20/12 21:12	76-13-1	
1,2,4-Trimethylbenzene	**2.1**	ug/m3	1.3	1.34		10/20/12 21:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.3	1.34		10/20/12 21:12	108-67-8	
Vinyl acetate	ND	ug/m3	0.96	1.34		10/20/12 21:12	108-05-4	
Vinyl chloride	ND	ug/m3	0.35	1.34		10/20/12 21:12	75-01-4	
m&p-Xylene	**2.6**	ug/m3	2.4	1.34		10/20/12 21:12	179601-23-1	
o-Xylene	ND	ug/m3	1.2	1.34		10/20/12 21:12	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-8 **Lab ID: 92134797008** Collected: 10/10/12 17:37 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	4.4	1.21		10/18/12 13:43	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**56.2**	ug/m3	0.69	1.44		10/20/12 22:10	67-64-1	
Benzene	**0.74**	ug/m3	0.47	1.44		10/20/12 22:10	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.44		10/20/12 22:10	75-27-4	
Bromoform	ND	ug/m3	3.0	1.44		10/20/12 22:10	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		10/20/12 22:10	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		10/20/12 22:10	106-99-0	
2-Butanone (MEK)	**6.9**	ug/m3	0.86	1.44		10/20/12 22:10	78-93-3	
Carbon disulfide	**2.6**	ug/m3	0.91	1.44		10/20/12 22:10	75-15-0	SS
Carbon tetrachloride	ND	ug/m3	0.92	1.44		10/20/12 22:10	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.44		10/20/12 22:10	108-90-7	
Chloroethane	ND	ug/m3	0.78	1.44		10/20/12 22:10	75-00-3	
Chloroform	**2.7**	ug/m3	1.4	1.44		10/20/12 22:10	67-66-3	
Chloromethane	ND	ug/m3	0.60	1.44		10/20/12 22:10	74-87-3	
Cyclohexane	ND	ug/m3	1.0	1.44		10/20/12 22:10	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		10/20/12 22:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	1.44		10/20/12 22:10	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 22:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 22:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 22:10	106-46-7	
Dichlorodifluoromethane	**2.6**	ug/m3	1.5	1.44		10/20/12 22:10	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.44		10/20/12 22:10	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	1.44		10/20/12 22:10	107-06-2	
1,1-Dichloroethene	**2.6**	ug/m3	1.2	1.44		10/20/12 22:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 22:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 22:10	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		10/20/12 22:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 22:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 22:10	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		10/20/12 22:10	76-14-2	
Ethyl acetate	ND	ug/m3	1.1	1.44		10/20/12 22:10	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	1.44		10/20/12 22:10	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	1.44		10/20/12 22:10	622-96-8	
n-Heptane	**1.4**	ug/m3	1.2	1.44		10/20/12 22:10	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.44		10/20/12 22:10	87-68-3	
n-Hexane	**12.9**	ug/m3	1.0	1.44		10/20/12 22:10	110-54-3	
2-Hexanone	**1.5**	ug/m3	1.2	1.44		10/20/12 22:10	591-78-6	
Methylene Chloride	**26.4**	ug/m3	1.0	1.44		10/20/12 22:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.2	1.44		10/20/12 22:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.44		10/20/12 22:10	1634-04-4	
Naphthalene	**89.2**	ug/m3	1.5	1.44		10/20/12 22:10	91-20-3	
Propylene	ND	ug/m3	0.50	1.44		10/20/12 22:10	115-07-1	
Styrene	ND	ug/m3	1.3	1.44		10/20/12 22:10	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		10/20/12 22:10	79-34-5	
Tetrachloroethene	**27.2**	ug/m3	0.99	1.44		10/20/12 22:10	127-18-4	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-8 **Lab ID: 92134797008** Collected: 10/10/12 17:37 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.86	1.44		10/20/12 22:10	109-99-9	
THC as Gas	**955**	ug/m3	87.6	1.44		10/20/12 22:10		
Toluene	**3.1**	ug/m3	1.1	1.44		10/20/12 22:10	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.44		10/20/12 22:10	120-82-1	
1,1,1-Trichloroethane	**1.6**	ug/m3	1.6	1.44		10/20/12 22:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.79	1.44		10/20/12 22:10	79-00-5	
Trichloroethene	**39.3**	ug/m3	0.79	1.44		10/20/12 22:10	79-01-6	
Trichlorofluoromethane	**1.7**	ug/m3	1.6	1.44		10/20/12 22:10	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.44		10/20/12 22:10	76-13-1	
1,2,4-Trimethylbenzene	**5.0**	ug/m3	1.4	1.44		10/20/12 22:10	95-63-6	
1,3,5-Trimethylbenzene	**2.2**	ug/m3	1.4	1.44		10/20/12 22:10	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.44		10/20/12 22:10	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		10/20/12 22:10	75-01-4	
m&p-Xylene	ND	ug/m3	2.5	1.44		10/20/12 22:10	179601-23-1	
o-Xylene	ND	ug/m3	1.3	1.44		10/20/12 22:10	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-9 **Lab ID: 92134797009** Collected: 10/10/12 17:41 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	9.6	2.68		10/18/12 14:17	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**499**	ug/m3	1.4	2.88		10/22/12 12:30	67-64-1	E
Benzene	**1.6**	ug/m3	0.94	2.88		10/22/12 12:30	71-43-2	
Bromodichloromethane	ND	ug/m3	3.9	2.88		10/22/12 12:30	75-27-4	
Bromoform	ND	ug/m3	6.0	2.88		10/22/12 12:30	75-25-2	
Bromomethane	ND	ug/m3	2.3	2.88		10/22/12 12:30	74-83-9	
1,3-Butadiene	ND	ug/m3	1.3	2.88		10/22/12 12:30	106-99-0	
2-Butanone (MEK)	**25.4**	ug/m3	1.7	2.88		10/22/12 12:30	78-93-3	
Carbon disulfide	**38.1**	ug/m3	1.8	2.88		10/22/12 12:30	75-15-0	SS
Carbon tetrachloride	ND	ug/m3	1.8	2.88		10/22/12 12:30	56-23-5	
Chlorobenzene	ND	ug/m3	2.7	2.88		10/22/12 12:30	108-90-7	
Chloroethane	ND	ug/m3	1.6	2.88		10/22/12 12:30	75-00-3	
Chloroform	ND	ug/m3	2.9	2.88		10/22/12 12:30	67-66-3	
Chloromethane	ND	ug/m3	1.2	2.88		10/22/12 12:30	74-87-3	
Cyclohexane	**5.0**	ug/m3	2.0	2.88		10/22/12 12:30	110-82-7	
Dibromochloromethane	ND	ug/m3	5.0	2.88		10/22/12 12:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	4.5	2.88		10/22/12 12:30	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	3.5	2.88		10/22/12 12:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	3.5	2.88		10/22/12 12:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	3.5	2.88		10/22/12 12:30	106-46-7	
Dichlorodifluoromethane	ND	ug/m3	2.9	2.88		10/22/12 12:30	75-71-8	
1,1-Dichloroethane	ND	ug/m3	2.4	2.88		10/22/12 12:30	75-34-3	
1,2-Dichloroethane	ND	ug/m3	1.2	2.88		10/22/12 12:30	107-06-2	
1,1-Dichloroethene	ND	ug/m3	2.3	2.88		10/22/12 12:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	2.3	2.88		10/22/12 12:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	2.3	2.88		10/22/12 12:30	156-60-5	
1,2-Dichloropropane	ND	ug/m3	2.7	2.88		10/22/12 12:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2.6	2.88		10/22/12 12:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2.6	2.88		10/22/12 12:30	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	4.1	2.88		10/22/12 12:30	76-14-2	
Ethyl acetate	ND	ug/m3	2.1	2.88		10/22/12 12:30	141-78-6	
Ethylbenzene	**3.8**	ug/m3	2.5	2.88		10/22/12 12:30	100-41-4	
4-Ethyltoluene	**6.6**	ug/m3	2.9	2.88		10/22/12 12:30	622-96-8	
n-Heptane	**2.5**	ug/m3	2.4	2.88		10/22/12 12:30	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	6.3	2.88		10/22/12 12:30	87-68-3	
n-Hexane	ND	ug/m3	2.1	2.88		10/22/12 12:30	110-54-3	
2-Hexanone	**7.8**	ug/m3	2.4	2.88		10/22/12 12:30	591-78-6	
Methylene Chloride	ND	ug/m3	2.0	2.88		10/22/12 12:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	**3.3**	ug/m3	2.4	2.88		10/22/12 12:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	2.1	2.88		10/22/12 12:30	1634-04-4	
Naphthalene	**197**	ug/m3	3.1	2.88		10/22/12 12:30	91-20-3	
Propylene	ND	ug/m3	1.0	2.88		10/22/12 12:30	115-07-1	
Styrene	**2.8**	ug/m3	2.5	2.88		10/22/12 12:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.0	2.88		10/22/12 12:30	79-34-5	
Tetrachloroethene	**24.2**	ug/m3	2.0	2.88		10/22/12 12:30	127-18-4	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-9 **Lab ID: 92134797009** Collected: 10/10/12 17:41 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	1.7	2.88		10/22/12 12:30	109-99-9	
THC as Gas	**3450**	ug/m3	175	2.88		10/22/12 12:30		
Toluene	**16.7**	ug/m3	2.2	2.88		10/22/12 12:30	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	4.3	2.88		10/22/12 12:30	120-82-1	
1,1,1-Trichloroethane	**5.8**	ug/m3	3.2	2.88		10/22/12 12:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	1.6	2.88		10/22/12 12:30	79-00-5	
Trichloroethene	**87.9**	ug/m3	1.6	2.88		10/22/12 12:30	79-01-6	
Trichlorofluoromethane	ND	ug/m3	3.3	2.88		10/22/12 12:30	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	4.6	2.88		10/22/12 12:30	76-13-1	
1,2,4-Trimethylbenzene	**21.2**	ug/m3	2.9	2.88		10/22/12 12:30	95-63-6	
1,3,5-Trimethylbenzene	**7.5**	ug/m3	2.9	2.88		10/22/12 12:30	108-67-8	
Vinyl acetate	ND	ug/m3	2.1	2.88		10/22/12 12:30	108-05-4	
Vinyl chloride	ND	ug/m3	0.75	2.88		10/22/12 12:30	75-01-4	
m&p-Xylene	**14.0**	ug/m3	5.1	2.88		10/22/12 12:30	179601-23-1	
o-Xylene	**6.1**	ug/m3	2.5	2.88		10/22/12 12:30	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-10 **Lab ID: 92134797010** Collected: 10/10/12 17:56 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	4.4	1.23		10/18/12 14:37	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**39.3**	ug/m3	0.69	1.44		10/20/12 22:39	67-64-1	
Benzene	**0.54**	ug/m3	0.47	1.44		10/20/12 22:39	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.44		10/20/12 22:39	75-27-4	
Bromoform	ND	ug/m3	3.0	1.44		10/20/12 22:39	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		10/20/12 22:39	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		10/20/12 22:39	106-99-0	
2-Butanone (MEK)	**6.8**	ug/m3	0.86	1.44		10/20/12 22:39	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	1.44		10/20/12 22:39	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.92	1.44		10/20/12 22:39	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.44		10/20/12 22:39	108-90-7	
Chloroethane	ND	ug/m3	0.78	1.44		10/20/12 22:39	75-00-3	
Chloroform	**3.3**	ug/m3	1.4	1.44		10/20/12 22:39	67-66-3	
Chloromethane	ND	ug/m3	0.60	1.44		10/20/12 22:39	74-87-3	
Cyclohexane	ND	ug/m3	1.0	1.44		10/20/12 22:39	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		10/20/12 22:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	1.44		10/20/12 22:39	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 22:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 22:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 22:39	106-46-7	
Dichlorodifluoromethane	**3.2**	ug/m3	1.5	1.44		10/20/12 22:39	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.44		10/20/12 22:39	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	1.44		10/20/12 22:39	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 22:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 22:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 22:39	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		10/20/12 22:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 22:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 22:39	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		10/20/12 22:39	76-14-2	
Ethyl acetate	ND	ug/m3	1.1	1.44		10/20/12 22:39	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	1.44		10/20/12 22:39	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	1.44		10/20/12 22:39	622-96-8	
n-Heptane	ND	ug/m3	1.2	1.44		10/20/12 22:39	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.44		10/20/12 22:39	87-68-3	
n-Hexane	ND	ug/m3	1.0	1.44		10/20/12 22:39	110-54-3	
2-Hexanone	**2.1**	ug/m3	1.2	1.44		10/20/12 22:39	591-78-6	
Methylene Chloride	ND	ug/m3	1.0	1.44		10/20/12 22:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.2	1.44		10/20/12 22:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.44		10/20/12 22:39	1634-04-4	
Naphthalene	**7.3**	ug/m3	1.5	1.44		10/20/12 22:39	91-20-3	
Propylene	ND	ug/m3	0.50	1.44		10/20/12 22:39	115-07-1	
Styrene	ND	ug/m3	1.3	1.44		10/20/12 22:39	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		10/20/12 22:39	79-34-5	
Tetrachloroethene	**8.5**	ug/m3	0.99	1.44		10/20/12 22:39	127-18-4	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-10 **Lab ID: 92134797010** Collected: 10/10/12 17:56 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.86	1.44		10/20/12 22:39	109-99-9	
THC as Gas	**1610**	ug/m3	87.6	1.44		10/20/12 22:39		
Toluene	ND	ug/m3	1.1	1.44		10/20/12 22:39	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.44		10/20/12 22:39	120-82-1	
1,1,1-Trichloroethane	**2.2**	ug/m3	1.6	1.44		10/20/12 22:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.79	1.44		10/20/12 22:39	79-00-5	
Trichloroethene	**3330**	ug/m3	253	460.8		10/22/12 15:24	79-01-6	2g,A3
Trichlorofluoromethane	**1.7**	ug/m3	1.6	1.44		10/20/12 22:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.44		10/20/12 22:39	76-13-1	
1,2,4-Trimethylbenzene	**2.1**	ug/m3	1.4	1.44		10/20/12 22:39	95-63-6	
1,3,5-Trimethylbenzene	**1.5**	ug/m3	1.4	1.44		10/20/12 22:39	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.44		10/20/12 22:39	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		10/20/12 22:39	75-01-4	
m&p-Xylene	ND	ug/m3	2.5	1.44		10/20/12 22:39	179601-23-1	
o-Xylene	ND	ug/m3	1.3	1.44		10/20/12 22:39	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-11 **Lab ID: 92134797011** Collected: 10/10/12 19:15 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	5.9	1.63		10/18/12 14:46	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**37.3**	ug/m3	0.69	1.44		10/20/12 23:08	67-64-1	
Benzene	**0.58**	ug/m3	0.47	1.44		10/20/12 23:08	71-43-2	
Bromodichloromethane	ND	ug/m3	2.0	1.44		10/20/12 23:08	75-27-4	
Bromoform	ND	ug/m3	3.0	1.44		10/20/12 23:08	75-25-2	
Bromomethane	ND	ug/m3	1.1	1.44		10/20/12 23:08	74-83-9	
1,3-Butadiene	ND	ug/m3	0.65	1.44		10/20/12 23:08	106-99-0	
2-Butanone (MEK)	**3.3**	ug/m3	0.86	1.44		10/20/12 23:08	78-93-3	
Carbon disulfide	ND	ug/m3	0.91	1.44		10/20/12 23:08	75-15-0	
Carbon tetrachloride	ND	ug/m3	0.92	1.44		10/20/12 23:08	56-23-5	
Chlorobenzene	ND	ug/m3	1.4	1.44		10/20/12 23:08	108-90-7	
Chloroethane	ND	ug/m3	0.78	1.44		10/20/12 23:08	75-00-3	
Chloroform	ND	ug/m3	1.4	1.44		10/20/12 23:08	67-66-3	
Chloromethane	**0.96**	ug/m3	0.60	1.44		10/20/12 23:08	74-87-3	
Cyclohexane	ND	ug/m3	1.0	1.44		10/20/12 23:08	110-82-7	
Dibromochloromethane	ND	ug/m3	2.5	1.44		10/20/12 23:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.2	1.44		10/20/12 23:08	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 23:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 23:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.8	1.44		10/20/12 23:08	106-46-7	
Dichlorodifluoromethane	**3.3**	ug/m3	1.5	1.44		10/20/12 23:08	75-71-8	
1,1-Dichloroethane	ND	ug/m3	1.2	1.44		10/20/12 23:08	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.59	1.44		10/20/12 23:08	107-06-2	
1,1-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 23:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 23:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	1.2	1.44		10/20/12 23:08	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.4	1.44		10/20/12 23:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 23:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.3	1.44		10/20/12 23:08	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.0	1.44		10/20/12 23:08	76-14-2	
Ethyl acetate	ND	ug/m3	1.1	1.44		10/20/12 23:08	141-78-6	
Ethylbenzene	ND	ug/m3	1.3	1.44		10/20/12 23:08	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.4	1.44		10/20/12 23:08	622-96-8	
n-Heptane	**1.5**	ug/m3	1.2	1.44		10/20/12 23:08	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.2	1.44		10/20/12 23:08	87-68-3	
n-Hexane	ND	ug/m3	1.0	1.44		10/20/12 23:08	110-54-3	
2-Hexanone	ND	ug/m3	1.2	1.44		10/20/12 23:08	591-78-6	
Methylene Chloride	**1.5**	ug/m3	1.0	1.44		10/20/12 23:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.2	1.44		10/20/12 23:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.44		10/20/12 23:08	1634-04-4	
Naphthalene	**3.4**	ug/m3	1.5	1.44		10/20/12 23:08	91-20-3	
Propylene	ND	ug/m3	0.50	1.44		10/20/12 23:08	115-07-1	
Styrene	ND	ug/m3	1.3	1.44		10/20/12 23:08	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.0	1.44		10/20/12 23:08	79-34-5	
Tetrachloroethene	**1.8**	ug/m3	0.99	1.44		10/20/12 23:08	127-18-4	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-11 **Lab ID: 92134797011** Collected: 10/10/12 19:15 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.86	1.44		10/20/12 23:08	109-99-9	
THC as Gas	**246**	ug/m3	87.6	1.44		10/20/12 23:08		
Toluene	**1.9**	ug/m3	1.1	1.44		10/20/12 23:08	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.2	1.44		10/20/12 23:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/m3	1.6	1.44		10/20/12 23:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	0.79	1.44		10/20/12 23:08	79-00-5	
Trichloroethene	**8.9**	ug/m3	0.79	1.44		10/20/12 23:08	79-01-6	
Trichlorofluoromethane	**1.8**	ug/m3	1.6	1.44		10/20/12 23:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.3	1.44		10/20/12 23:08	76-13-1	
1,2,4-Trimethylbenzene	**1.9**	ug/m3	1.4	1.44		10/20/12 23:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	1.44		10/20/12 23:08	108-67-8	
Vinyl acetate	ND	ug/m3	1.0	1.44		10/20/12 23:08	108-05-4	
Vinyl chloride	ND	ug/m3	0.37	1.44		10/20/12 23:08	75-01-4	
m&p-Xylene	**3.4**	ug/m3	2.5	1.44		10/20/12 23:08	179601-23-1	
o-Xylene	**1.4**	ug/m3	1.3	1.44		10/20/12 23:08	95-47-6	

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-12 **Lab ID: 92134797012** Collected: 10/10/12 19:17 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Method 3C AIR - Fixed Gases	Analytical Method: Method 3C Gases							
Helium	ND	%	5.0	1.38		10/18/12 14:56	7440-59-7	
TO15 MSV AIR	Analytical Method: TO-15							
Acetone	**17.2**	ug/m3	0.74	1.55		10/20/12 23:37	67-64-1	
Benzene	**2.6**	ug/m3	0.50	1.55		10/20/12 23:37	71-43-2	
Bromodichloromethane	ND	ug/m3	2.1	1.55		10/20/12 23:37	75-27-4	
Bromoform	ND	ug/m3	3.3	1.55		10/20/12 23:37	75-25-2	
Bromomethane	ND	ug/m3	1.2	1.55		10/20/12 23:37	74-83-9	
1,3-Butadiene	ND	ug/m3	0.70	1.55		10/20/12 23:37	106-99-0	
2-Butanone (MEK)	**1.3**	ug/m3	0.93	1.55		10/20/12 23:37	78-93-3	
Carbon disulfide	ND	ug/m3	0.98	1.55		10/20/12 23:37	75-15-0	
Carbon tetrachloride	**1.0**	ug/m3	0.99	1.55		10/20/12 23:37	56-23-5	
Chlorobenzene	ND	ug/m3	1.5	1.55		10/20/12 23:37	108-90-7	
Chloroethane	ND	ug/m3	0.84	1.55		10/20/12 23:37	75-00-3	
Chloroform	**26.1**	ug/m3	1.5	1.55		10/20/12 23:37	67-66-3	
Chloromethane	ND	ug/m3	0.65	1.55		10/20/12 23:37	74-87-3	
Cyclohexane	**1.1**	ug/m3	1.1	1.55		10/20/12 23:37	110-82-7	
Dibromochloromethane	ND	ug/m3	2.7	1.55		10/20/12 23:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/m3	2.4	1.55		10/20/12 23:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/m3	1.9	1.55		10/20/12 23:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/m3	1.9	1.55		10/20/12 23:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/m3	1.9	1.55		10/20/12 23:37	106-46-7	
Dichlorodifluoromethane	**2.8**	ug/m3	1.6	1.55		10/20/12 23:37	75-71-8	
1,1-Dichloroethane	**3.7**	ug/m3	1.3	1.55		10/20/12 23:37	75-34-3	
1,2-Dichloroethane	ND	ug/m3	0.64	1.55		10/20/12 23:37	107-06-2	
1,1-Dichloroethene	**10500**	ug/m3	321	396.8		10/24/12 06:12	75-35-4	A3
cis-1,2-Dichloroethene	**96.7**	ug/m3	1.3	1.55		10/20/12 23:37	156-59-2	
trans-1,2-Dichloroethene	**14.4**	ug/m3	1.3	1.55		10/20/12 23:37	156-60-5	
1,2-Dichloropropane	ND	ug/m3	1.5	1.55		10/20/12 23:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	1.4	1.55		10/20/12 23:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	1.4	1.55		10/20/12 23:37	10061-02-6	
Dichlorotetrafluoroethane	ND	ug/m3	2.2	1.55		10/20/12 23:37	76-14-2	
Ethyl acetate	ND	ug/m3	1.1	1.55		10/20/12 23:37	141-78-6	
Ethylbenzene	ND	ug/m3	1.4	1.55		10/20/12 23:37	100-41-4	
4-Ethyltoluene	ND	ug/m3	1.6	1.55		10/20/12 23:37	622-96-8	
n-Heptane	ND	ug/m3	1.3	1.55		10/20/12 23:37	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	3.4	1.55		10/20/12 23:37	87-68-3	
n-Hexane	ND	ug/m3	1.1	1.55		10/20/12 23:37	110-54-3	
2-Hexanone	ND	ug/m3	1.3	1.55		10/20/12 23:37	591-78-6	
Methylene Chloride	ND	ug/m3	1.1	1.55		10/20/12 23:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	1.3	1.55		10/20/12 23:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/m3	1.1	1.55		10/20/12 23:37	1634-04-4	
Naphthalene	ND	ug/m3	1.7	1.55		10/20/12 23:37	91-20-3	
Propylene	ND	ug/m3	0.54	1.55		10/20/12 23:37	115-07-1	
Styrene	ND	ug/m3	1.3	1.55		10/20/12 23:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1.1	1.55		10/20/12 23:37	79-34-5	
Tetrachloroethene	**30200**	ug/m3	273	396.8		10/24/12 06:12	127-18-4	1g,A3

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ANALYTICAL RESULTS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Sample: SG-12 **Lab ID: 92134797012** Collected: 10/10/12 19:17 Received: 10/11/12 08:30 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Tetrahydrofuran	ND	ug/m3	0.93	1.55		10/20/12 23:37	109-99-9	
THC as Gas	**9890**	ug/m3	94.2	1.55		10/20/12 23:37		
Toluene	**1.7**	ug/m3	1.2	1.55		10/20/12 23:37	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	2.3	1.55		10/20/12 23:37	120-82-1	
1,1,1-Trichloroethane	**1490**	ug/m3	440	396.8		10/24/12 06:12	71-55-6	A3
1,1,2-Trichloroethane	ND	ug/m3	0.85	1.55		10/20/12 23:37	79-00-5	
Trichloroethene	**94600**	ug/m3	4360	7936		10/23/12 16:39	79-01-6	A3
Trichlorofluoromethane	**1.9**	ug/m3	1.8	1.55		10/20/12 23:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	2.5	1.55		10/20/12 23:37	76-13-1	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	1.55		10/20/12 23:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	1.55		10/20/12 23:37	108-67-8	
Vinyl acetate	ND	ug/m3	1.1	1.55		10/20/12 23:37	108-05-4	
Vinyl chloride	ND	ug/m3	0.40	1.55		10/20/12 23:37	75-01-4	
m&p-Xylene	ND	ug/m3	2.7	1.55		10/20/12 23:37	179601-23-1	
o-Xylene	ND	ug/m3	1.4	1.55		10/20/12 23:37	95-47-6	

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

QC Batch: AIR/15970 — Analysis Method: Method 3C Gases
QC Batch Method: Method 3C Gases — Analysis Description: METHOD 3C AIR - FIXED GASES
Associated Lab Samples: 92134797001, 92134797002, 92134797003, 92134797004, 92134797005, 92134797006, 92134797007, 92134797008, 92134797009, 92134797010, 92134797011, 92134797012

METHOD BLANK: 1312336 — Matrix: Air
Associated Lab Samples: 92134797001, 92134797002, 92134797003, 92134797004, 92134797005, 92134797006, 92134797007, 92134797008, 92134797009, 92134797010, 92134797011, 92134797012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Helium	%	ND	3.6	10/18/12 12:24	

LABORATORY CONTROL SAMPLE & LCSD: 1312337 1312338

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Helium	%	18	18.6	16.5	103	91	70-130	12	30	

SAMPLE DUPLICATE: 1312418

Parameter	Units	92134797001 Result	Dup Result	RPD	Qualifiers
Helium	%	ND	ND		

SAMPLE DUPLICATE: 1312542

Parameter	Units	92134797009 Result	Dup Result	RPD	Qualifiers
Helium	%	ND	6.8		

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

QC Batch: AIR/15992 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 92134797001, 92134797002, 92134797003, 92134797004, 92134797005, 92134797006, 92134797007, 92134797008, 92134797010, 92134797011, 92134797012

METHOD BLANK: 1314621 Matrix: Air
Associated Lab Samples: 92134797001, 92134797002, 92134797003, 92134797004, 92134797005, 92134797006, 92134797007, 92134797008, 92134797010, 92134797011, 92134797012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	10/20/12 15:25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	10/20/12 15:25	
1,1,2-Trichloroethane	ug/m3	ND	0.55	10/20/12 15:25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	10/20/12 15:25	
1,1-Dichloroethane	ug/m3	ND	0.82	10/20/12 15:25	
1,1-Dichloroethene	ug/m3	ND	0.81	10/20/12 15:25	
1,2,4-Trichlorobenzene	ug/m3	ND	1.5	10/20/12 15:25	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	10/20/12 15:25	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.6	10/20/12 15:25	
1,2-Dichlorobenzene	ug/m3	ND	1.2	10/20/12 15:25	
1,2-Dichloroethane	ug/m3	ND	0.41	10/20/12 15:25	
1,2-Dichloropropane	ug/m3	ND	0.94	10/20/12 15:25	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	10/20/12 15:25	
1,3-Butadiene	ug/m3	ND	0.45	10/20/12 15:25	
1,3-Dichlorobenzene	ug/m3	ND	1.2	10/20/12 15:25	
1,4-Dichlorobenzene	ug/m3	ND	1.2	10/20/12 15:25	
2-Butanone (MEK)	ug/m3	ND	0.60	10/20/12 15:25	
2-Hexanone	ug/m3	ND	0.83	10/20/12 15:25	
4-Ethyltoluene	ug/m3	ND	1.0	10/20/12 15:25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0.83	10/20/12 15:25	
Acetone	ug/m3	ND	0.48	10/20/12 15:25	
Benzene	ug/m3	ND	0.32	10/20/12 15:25	
Bromodichloromethane	ug/m3	ND	1.4	10/20/12 15:25	
Bromoform	ug/m3	ND	2.1	10/20/12 15:25	
Bromomethane	ug/m3	ND	0.79	10/20/12 15:25	
Carbon disulfide	ug/m3	ND	0.63	10/20/12 15:25	
Carbon tetrachloride	ug/m3	ND	0.64	10/20/12 15:25	
Chlorobenzene	ug/m3	ND	0.94	10/20/12 15:25	
Chloroethane	ug/m3	ND	0.54	10/20/12 15:25	
Chloroform	ug/m3	ND	0.99	10/20/12 15:25	
Chloromethane	ug/m3	ND	0.42	10/20/12 15:25	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	10/20/12 15:25	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	10/20/12 15:25	
Cyclohexane	ug/m3	ND	0.70	10/20/12 15:25	
Dibromochloromethane	ug/m3	ND	1.7	10/20/12 15:25	
Dichlorodifluoromethane	ug/m3	ND	1.0	10/20/12 15:25	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	10/20/12 15:25	
Ethyl acetate	ug/m3	ND	0.73	10/20/12 15:25	
Ethylbenzene	ug/m3	ND	0.88	10/20/12 15:25	
Hexachloro-1,3-butadiene	ug/m3	ND	2.2	10/20/12 15:25	
m&p-Xylene	ug/m3	ND	1.8	10/20/12 15:25	

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

METHOD BLANK: 1314621 Matrix: Air

Associated Lab Samples: 92134797001, 92134797002, 92134797003, 92134797004, 92134797005, 92134797006, 92134797007, 92134797008, 92134797010, 92134797011, 92134797012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methyl-tert-butyl ether	ug/m3	ND	0.73	10/20/12 15:25	
Methylene Chloride	ug/m3	ND	0.71	10/20/12 15:25	
n-Heptane	ug/m3	ND	0.83	10/20/12 15:25	
n-Hexane	ug/m3	ND	0.72	10/20/12 15:25	
Naphthalene	ug/m3	ND	1.1	10/20/12 15:25	
o-Xylene	ug/m3	ND	0.88	10/20/12 15:25	
Propylene	ug/m3	ND	0.35	10/20/12 15:25	
Styrene	ug/m3	ND	0.87	10/20/12 15:25	
Tetrachloroethene	ug/m3	ND	0.69	10/20/12 15:25	
Tetrahydrofuran	ug/m3	ND	0.60	10/20/12 15:25	
THC as Gas	ug/m3	ND	60.8	10/20/12 15:25	
Toluene	ug/m3	ND	0.77	10/20/12 15:25	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	10/20/12 15:25	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	10/20/12 15:25	
Trichloroethene	ug/m3	ND	0.55	10/20/12 15:25	
Trichlorofluoromethane	ug/m3	ND	1.1	10/20/12 15:25	
Vinyl acetate	ug/m3	ND	0.72	10/20/12 15:25	
Vinyl chloride	ug/m3	ND	0.26	10/20/12 15:25	

LABORATORY CONTROL SAMPLE: 1314622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	53.9	97	72-129	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	71.8	103	73-131	
1,1,2-Trichloroethane	ug/m3	55.5	59.1	107	71-128	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	72.8	93	65-132	
1,1-Dichloroethane	ug/m3	41.2	39.2	95	67-132	
1,1-Dichloroethene	ug/m3	40.3	39.3	98	68-134	
1,2,4-Trichlorobenzene	ug/m3	75.5	72.2	96	48-150	
1,2,4-Trimethylbenzene	ug/m3	50	49.7	99	72-127	
1,2-Dibromoethane (EDB)	ug/m3	78.1	85.2	109	75-130	
1,2-Dichlorobenzene	ug/m3	61.2	59.4	97	71-132	
1,2-Dichloroethane	ug/m3	41.2	41.0	100	70-131	
1,2-Dichloropropane	ug/m3	47	47.8	102	73-130	
1,3,5-Trimethylbenzene	ug/m3	50	48.8	98	70-133	
1,3-Butadiene	ug/m3	22.5	21.1	94	69-132	
1,3-Dichlorobenzene	ug/m3	61.2	60.2	98	71-128	
1,4-Dichlorobenzene	ug/m3	61.2	61.5	101	72-131	
2-Butanone (MEK)	ug/m3	30	28.7	96	69-131	
2-Hexanone	ug/m3	41.7	45.6	110	71-134	
4-Ethyltoluene	ug/m3	50	49.4	99	71-129	
4-Methyl-2-pentanone (MIBK)	ug/m3	41.7	44.7	107	69-135	
Acetone	ug/m3	24.2	24.0	99	61-139	
Benzene	ug/m3	32.5	32.4	100	69-134	

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

LABORATORY CONTROL SAMPLE: 1314622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/m3	68.2	71.5	105	71-130	
Bromoform	ug/m3	105	104	99	70-130	
Bromomethane	ug/m3	39.5	37.6	95	69-125	
Carbon disulfide	ug/m3	31.7	28.7	91	66-131	SS
Carbon tetrachloride	ug/m3	64	60.9	95	68-128	
Chlorobenzene	ug/m3	46.8	47.7	102	75-128	
Chloroethane	ug/m3	26.8	26.1	97	66-131	
Chloroform	ug/m3	49.7	48.2	97	68-132	
Chloromethane	ug/m3	21	19.5	93	60-139	
cis-1,2-Dichloroethene	ug/m3	40.3	43.3	107	73-130	
cis-1,3-Dichloropropene	ug/m3	46.2	50.9	110	74-134	
Cyclohexane	ug/m3	35	35.7	102	67-136	
Dibromochloromethane	ug/m3	86.6	95.0	110	69-131	
Dichlorodifluoromethane	ug/m3	50.3	47.4	94	67-131	
Dichlorotetrafluoroethane	ug/m3	71.1	66.3	93	66-130	
Ethyl acetate	ug/m3	36.6	40.4	110	71-131	
Ethylbenzene	ug/m3	44.2	44.8	101	69-139	
Hexachloro-1,3-butadiene	ug/m3	108	151	140	41-150	
m&p-Xylene	ug/m3	88.3	90.7	103	66-137	
Methyl-tert-butyl ether	ug/m3	36.7	35.1	96	70-132	
Methylene Chloride	ug/m3	35.3	31.9	90	73-134	
n-Heptane	ug/m3	41.7	42.4	102	70-134	
n-Hexane	ug/m3	35.8	32.8	92	65-133	
Naphthalene	ug/m3	53.3	50.5	95	57-150	
o-Xylene	ug/m3	44.2	43.9	99	69-138	
Propylene	ug/m3	17.5	15.4	88	70-134	
Styrene	ug/m3	43.3	50.0	116	72-132	
Tetrachloroethene	ug/m3	69	67.4	98	70-130	
Tetrahydrofuran	ug/m3	30	31.8	106	74-128	
THC as Gas	ug/m3	3030	2930	97	66-131	
Toluene	ug/m3	38.3	37.6	98	71-132	
trans-1,2-Dichloroethene	ug/m3	40.3	37.8	94	72-128	
trans-1,3-Dichloropropene	ug/m3	46.2	47.9	104	73-130	
Trichloroethene	ug/m3	54.6	50.3	92	72-131	
Trichlorofluoromethane	ug/m3	57.1	51.9	91	66-129	
Vinyl acetate	ug/m3	35.8	40.9	114	71-131	
Vinyl chloride	ug/m3	26	24.5	94	70-131	

SAMPLE DUPLICATE: 1315099

Parameter	Units	10208592001 Result	Dup Result	RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	ND		
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		
1,1,2-Trichloroethane	ug/m3	ND	ND		
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		
1,1-Dichloroethane	ug/m3	ND	ND		
1,1-Dichloroethene	ug/m3	ND	ND		

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

SAMPLE DUPLICATE: 1315099

Parameter	Units	10208592001 Result	Dup Result	RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/m3	ND	ND		
1,2,4-Trimethylbenzene	ug/m3	49.6	46.9	6	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		
1,2-Dichlorobenzene	ug/m3	ND	ND		
1,2-Dichloroethane	ug/m3	ND	ND		
1,2-Dichloropropane	ug/m3	ND	ND		
1,3,5-Trimethylbenzene	ug/m3	13.7	12.8	7	
1,3-Butadiene	ug/m3	ND	ND		
1,3-Dichlorobenzene	ug/m3	ND	ND		
1,4-Dichlorobenzene	ug/m3	31.9	31.5	2	
2-Butanone (MEK)	ug/m3	11.6	11.0	5	
2-Hexanone	ug/m3	ND	ND		
4-Ethyltoluene	ug/m3	24.2	22.8	6	
4-Methyl-2-pentanone (MIBK)	ug/m3	4.4	4.6	4	
Acetone	ug/m3	88.1	82.6	6	
Benzene	ug/m3	1.8	1.8	.7	
Bromodichloromethane	ug/m3	ND	ND		
Bromoform	ug/m3	ND	ND		
Bromomethane	ug/m3	ND	ND		
Carbon disulfide	ug/m3	ND	.6J		
Carbon tetrachloride	ug/m3	ND	ND		
Chlorobenzene	ug/m3	ND	ND		
Chloroethane	ug/m3	ND	ND		
Chloroform	ug/m3	ND	ND		
Chloromethane	ug/m3	ND	.37J		
cis-1,2-Dichloroethene	ug/m3	ND	ND		
cis-1,3-Dichloropropene	ug/m3	ND	ND		
Cyclohexane	ug/m3	1.3	1.3	4	
Dibromochloromethane	ug/m3	ND	ND		
Dichlorodifluoromethane	ug/m3	2.3	2.2	2	
Dichlorotetrafluoroethane	ug/m3	ND	ND		
Ethyl acetate	ug/m3	ND	ND		
Ethylbenzene	ug/m3	29.0	29.6	2	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		
m&p-Xylene	ug/m3	109	106	3	
Methyl-tert-butyl ether	ug/m3	ND	ND		
Methylene Chloride	ug/m3	ND	.58J		
n-Heptane	ug/m3	7.3	7.4	2	
n-Hexane	ug/m3	5.2	5.3	.06	
Naphthalene	ug/m3	6.5	6.2	5	
o-Xylene	ug/m3	38.3	36.6	5	
Propylene	ug/m3	ND	ND		
Styrene	ug/m3	23.8	23.6	.8	
Tetrachloroethene	ug/m3	ND	ND		
Tetrahydrofuran	ug/m3	3.7	3.8	2	
THC as Gas	ug/m3	1670	1720	3	
Toluene	ug/m3	39.2	38.8	1	
trans-1,2-Dichloroethene	ug/m3	ND	ND		

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

SAMPLE DUPLICATE: 1315099

Parameter	Units	10208592001 Result	Dup Result	RPD	Qualifiers
trans-1,3-Dichloropropene	ug/m3	ND	ND		
Trichloroethene	ug/m3	0.96	0.94	2	
Trichlorofluoromethane	ug/m3	ND	1.2J		
Vinyl acetate	ug/m3	ND	ND		
Vinyl chloride	ug/m3	ND	ND		

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

QC Batch: AIR/15998 — Analysis Method: TO-15
QC Batch Method: TO-15 — Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 92134797009

METHOD BLANK: 1315289 — Matrix: Air
Associated Lab Samples: 92134797009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.1	10/22/12 11:32	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	10/22/12 11:32	
1,1,2-Trichloroethane	ug/m3	ND	0.55	10/22/12 11:32	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.6	10/22/12 11:32	
1,1-Dichloroethane	ug/m3	ND	0.82	10/22/12 11:32	
1,1-Dichloroethene	ug/m3	ND	0.81	10/22/12 11:32	
1,2,4-Trichlorobenzene	ug/m3	ND	1.5	10/22/12 11:32	
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	10/22/12 11:32	
1,2-Dibromoethane (EDB)	ug/m3	ND	1.6	10/22/12 11:32	
1,2-Dichlorobenzene	ug/m3	ND	1.2	10/22/12 11:32	
1,2-Dichloroethane	ug/m3	ND	0.41	10/22/12 11:32	
1,2-Dichloropropane	ug/m3	ND	0.94	10/22/12 11:32	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	10/22/12 11:32	
1,3-Butadiene	ug/m3	ND	0.45	10/22/12 11:32	
1,3-Dichlorobenzene	ug/m3	ND	1.2	10/22/12 11:32	
1,4-Dichlorobenzene	ug/m3	ND	1.2	10/22/12 11:32	
2-Butanone (MEK)	ug/m3	ND	0.60	10/22/12 11:32	
2-Hexanone	ug/m3	ND	0.83	10/22/12 11:32	
4-Ethyltoluene	ug/m3	ND	1.0	10/22/12 11:32	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	0.83	10/22/12 11:32	
Acetone	ug/m3	ND	0.48	10/22/12 11:32	
Benzene	ug/m3	ND	0.32	10/22/12 11:32	
Bromodichloromethane	ug/m3	ND	1.4	10/22/12 11:32	
Bromoform	ug/m3	ND	2.1	10/22/12 11:32	
Bromomethane	ug/m3	ND	0.79	10/22/12 11:32	
Carbon disulfide	ug/m3	ND	0.63	10/22/12 11:32	
Carbon tetrachloride	ug/m3	ND	0.64	10/22/12 11:32	
Chlorobenzene	ug/m3	ND	0.94	10/22/12 11:32	
Chloroethane	ug/m3	ND	0.54	10/22/12 11:32	
Chloroform	ug/m3	ND	0.99	10/22/12 11:32	
Chloromethane	ug/m3	ND	0.42	10/22/12 11:32	
cis-1,2-Dichloroethene	ug/m3	ND	0.81	10/22/12 11:32	
cis-1,3-Dichloropropene	ug/m3	ND	0.92	10/22/12 11:32	
Cyclohexane	ug/m3	ND	0.70	10/22/12 11:32	
Dibromochloromethane	ug/m3	ND	1.7	10/22/12 11:32	
Dichlorodifluoromethane	ug/m3	ND	1.0	10/22/12 11:32	
Dichlorotetrafluoroethane	ug/m3	ND	1.4	10/22/12 11:32	
Ethyl acetate	ug/m3	ND	0.73	10/22/12 11:32	
Ethylbenzene	ug/m3	ND	0.88	10/22/12 11:32	
Hexachloro-1,3-butadiene	ug/m3	ND	2.2	10/22/12 11:32	
m&p-Xylene	ug/m3	ND	1.8	10/22/12 11:32	
Methyl-tert-butyl ether	ug/m3	ND	0.73	10/22/12 11:32	
Methylene Chloride	ug/m3	ND	0.71	10/22/12 11:32	

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

METHOD BLANK: 1315289 Matrix: Air

Associated Lab Samples: 92134797009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
n-Heptane	ug/m3	ND	0.83	10/22/12 11:32	
n-Hexane	ug/m3	ND	0.72	10/22/12 11:32	
Naphthalene	ug/m3	ND	1.1	10/22/12 11:32	
o-Xylene	ug/m3	ND	0.88	10/22/12 11:32	
Propylene	ug/m3	ND	0.35	10/22/12 11:32	
Styrene	ug/m3	ND	0.87	10/22/12 11:32	
Tetrachloroethene	ug/m3	ND	0.69	10/22/12 11:32	
Tetrahydrofuran	ug/m3	ND	0.60	10/22/12 11:32	
THC as Gas	ug/m3	ND	60.8	10/22/12 11:32	
Toluene	ug/m3	ND	0.77	10/22/12 11:32	
trans-1,2-Dichloroethene	ug/m3	ND	0.81	10/22/12 11:32	
trans-1,3-Dichloropropene	ug/m3	ND	0.92	10/22/12 11:32	
Trichloroethene	ug/m3	ND	0.55	10/22/12 11:32	
Trichlorofluoromethane	ug/m3	ND	1.1	10/22/12 11:32	
Vinyl acetate	ug/m3	ND	0.72	10/22/12 11:32	
Vinyl chloride	ug/m3	ND	0.26	10/22/12 11:32	

LABORATORY CONTROL SAMPLE: 1315290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	62.0	112	72-129	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	82.3	118	73-131	
1,1,2-Trichloroethane	ug/m3	55.5	61.0	110	71-128	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	86.9	111	65-132	
1,1-Dichloroethane	ug/m3	41.2	44.7	109	67-132	
1,1-Dichloroethene	ug/m3	40.3	44.3	110	68-134	
1,2,4-Trichlorobenzene	ug/m3	75.5	56.9	75	48-150	
1,2,4-Trimethylbenzene	ug/m3	50	57.1	114	72-127	
1,2-Dibromoethane (EDB)	ug/m3	78.1	96.5	123	75-130	
1,2-Dichlorobenzene	ug/m3	61.2	69.6	114	71-132	
1,2-Dichloroethane	ug/m3	41.2	43.9	107	70-131	
1,2-Dichloropropane	ug/m3	47	50.1	107	73-130	
1,3,5-Trimethylbenzene	ug/m3	50	57.3	115	70-133	
1,3-Butadiene	ug/m3	22.5	24.4	108	69-132	
1,3-Dichlorobenzene	ug/m3	61.2	68.2	112	71-128	
1,4-Dichlorobenzene	ug/m3	61.2	68.3	112	72-131	
2-Butanone (MEK)	ug/m3	30	33.0	110	69-131	
2-Hexanone	ug/m3	41.7	51.8	124	71-134	
4-Ethyltoluene	ug/m3	50	57.5	115	71-129	
4-Methyl-2-pentanone (MIBK)	ug/m3	41.7	46.4	111	69-135	
Acetone	ug/m3	24.2	27.0	112	61-139	
Benzene	ug/m3	32.5	36.2	112	69-134	
Bromodichloromethane	ug/m3	68.2	76.6	112	71-130	
Bromoform	ug/m3	105	127	120	70-130	
Bromomethane	ug/m3	39.5	47.2	120	69-125	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

LABORATORY CONTROL SAMPLE: 1315290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon disulfide	ug/m3	31.7	34.8	110	66-131	SS
Carbon tetrachloride	ug/m3	64	69.0	108	68-128	
Chlorobenzene	ug/m3	46.8	54.8	117	75-128	
Chloroethane	ug/m3	26.8	31.1	116	66-131	
Chloroform	ug/m3	49.7	54.8	110	68-132	
Chloromethane	ug/m3	21	22.5	107	60-139	
cis-1,2-Dichloroethene	ug/m3	40.3	47.6	118	73-130	
cis-1,3-Dichloropropene	ug/m3	46.2	52.6	114	74-134	
Cyclohexane	ug/m3	35	38.6	110	67-136	
Dibromochloromethane	ug/m3	86.6	111	128	69-131	
Dichlorodifluoromethane	ug/m3	50.3	55.9	111	67-131	
Dichlorotetrafluoroethane	ug/m3	71.1	80.0	112	66-130	
Ethyl acetate	ug/m3	36.6	41.7	114	71-131	
Ethylbenzene	ug/m3	44.2	51.4	116	69-139	
Hexachloro-1,3-butadiene	ug/m3	108	202	186	41-150	CH,L3
m&p-Xylene	ug/m3	88.3	103	117	66-137	
Methyl-tert-butyl ether	ug/m3	36.7	41.4	113	70-132	
Methylene Chloride	ug/m3	35.3	35.4	100	73-134	
n-Heptane	ug/m3	41.7	43.2	104	70-134	
n-Hexane	ug/m3	35.8	35.9	100	65-133	
Naphthalene	ug/m3	53.3	45.1	85	57-150	
o-Xylene	ug/m3	44.2	49.9	113	69-138	
Propylene	ug/m3	17.5	17.3	99	70-134	
Styrene	ug/m3	43.3	56.0	129	72-132	
Tetrachloroethene	ug/m3	69	86.3	125	70-130	
Tetrahydrofuran	ug/m3	30	33.8	113	74-128	
THC as Gas	ug/m3	3030	3120	103	66-131	
Toluene	ug/m3	38.3	39.6	103	71-132	
trans-1,2-Dichloroethene	ug/m3	40.3	45.7	113	72-128	
trans-1,3-Dichloropropene	ug/m3	46.2	49.3	107	73-130	
Trichloroethene	ug/m3	54.6	55.4	101	72-131	
Trichlorofluoromethane	ug/m3	57.1	60.7	106	66-129	
Vinyl acetate	ug/m3	35.8	52.1	145	71-131	CH,L3
Vinyl chloride	ug/m3	26	29.1	112	70-131	

SAMPLE DUPLICATE: 1315987

Parameter	Units	10209005002 Result	Dup Result	RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	30.8	34.6	12	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		
1,1,2-Trichloroethane	ug/m3	ND	ND		
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	ND		
1,1-Dichloroethane	ug/m3	ND	ND		
1,1-Dichloroethene	ug/m3	ND	ND		
1,2,4-Trichlorobenzene	ug/m3	ND	ND		
1,2,4-Trimethylbenzene	ug/m3	19.7	21.4	8	
1,2-Dibromoethane (EDB)	ug/m3	ND	ND		

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

SAMPLE DUPLICATE: 1315987

Parameter	Units	10209005002 Result	Dup Result	RPD	Qualifiers
1,2-Dichlorobenzene	ug/m3	ND	ND		
1,2-Dichloroethane	ug/m3	ND	2.0		
1,2-Dichloropropane	ug/m3	ND	ND		
1,3,5-Trimethylbenzene	ug/m3	5.2	5.4	3	
1,3-Butadiene	ug/m3	ND	ND		
1,3-Dichlorobenzene	ug/m3	ND	ND		
1,4-Dichlorobenzene	ug/m3	ND	ND		
2-Butanone (MEK)	ug/m3	3.2	3.6	12	
2-Hexanone	ug/m3	ND	ND		
4-Ethyltoluene	ug/m3	5.9	6.3	7	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	1J		
Acetone	ug/m3	40.3	43.9	9	
Benzene	ug/m3	ND	ND		
Bromodichloromethane	ug/m3	ND	ND		
Bromoform	ug/m3	ND	ND		
Bromomethane	ug/m3	ND	ND		
Carbon disulfide	ug/m3	ND	.96J		
Carbon tetrachloride	ug/m3	ND	.6J		
Chlorobenzene	ug/m3	ND	ND		
Chloroethane	ug/m3	ND	ND		
Chloroform	ug/m3	ND	ND		
Chloromethane	ug/m3	ND	ND		
cis-1,2-Dichloroethene	ug/m3	ND	ND		
cis-1,3-Dichloropropene	ug/m3	ND	ND		
Cyclohexane	ug/m3	ND	ND		
Dibromochloromethane	ug/m3	ND	ND		
Dichlorodifluoromethane	ug/m3	2.4	2.7	11	
Dichlorotetrafluoroethane	ug/m3	ND	ND		
Ethyl acetate	ug/m3	ND	ND		
Ethylbenzene	ug/m3	3.9	4.1	7	
Hexachloro-1,3-butadiene	ug/m3	ND	ND		
m&p-Xylene	ug/m3	14.9	15.8	6	
Methyl-tert-butyl ether	ug/m3	ND	ND		
Methylene Chloride	ug/m3	ND	.95J		
n-Heptane	ug/m3	2.8	3.0	4	
n-Hexane	ug/m3	3.2	3.4	7	
Naphthalene	ug/m3	5.6	5.8	3	
o-Xylene	ug/m3	7.1	7.5	5	
Propylene	ug/m3	ND	ND		
Styrene	ug/m3	ND	ND		
Tetrachloroethene	ug/m3	2.3	2.4	5	
Tetrahydrofuran	ug/m3	ND	ND		
THC as Gas	ug/m3	3410	3640	6	
Toluene	ug/m3	31.2	33.3	7	
trans-1,2-Dichloroethene	ug/m3	ND	ND		
trans-1,3-Dichloropropene	ug/m3	ND	ND		
Trichloroethene	ug/m3	ND	ND		
Trichlorofluoromethane	ug/m3	ND	1.2J		

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QUALITY CONTROL DATA

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

SAMPLE DUPLICATE: 1315987

Parameter	Units	10209005002 Result	Dup Result	RPD	Qualifiers
Vinyl acetate	ug/m3	ND	ND		
Vinyl chloride	ug/m3	ND	ND		

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QUALIFIERS

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PRL - Pace Reporting Limit.
RL - Reporting Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

1g	The internal standard recoveries associated with this sample exceed the lower control limit (-/40% of initial calibration standard). Results confirmed by second analysis.
2g	The internal standard recoveries associated with this sample exceed the upper control limit (+/40% of initial calibration standard). Results confirmed by second analysis.
A3	The sample was analyzed by serial dilution.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CH	c
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ATHERTON MILLS 6228-12-0051
Pace Project No.: 92134797

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92134797001	**SG-1**	Method 3C Gases	AIR/15970		
92134797002	**SG-2**	Method 3C Gases	AIR/15970		
92134797003	**SG-3**	Method 3C Gases	AIR/15970		
92134797004	**SG-4**	Method 3C Gases	AIR/15970		
92134797005	**SG-5**	Method 3C Gases	AIR/15970		
92134797006	**SG-6**	Method 3C Gases	AIR/15970		
92134797007	**SG-7**	Method 3C Gases	AIR/15970		
92134797008	**SG-8**	Method 3C Gases	AIR/15970		
92134797009	**SG-9**	Method 3C Gases	AIR/15970		
92134797010	**SG-10**	Method 3C Gases	AIR/15970		
92134797011	**SG-11**	Method 3C Gases	AIR/15970		
92134797012	**SG-12**	Method 3C Gases	AIR/15970		
92134797001	**SG-1**	TO-15	AIR/15992		
92134797002	**SG-2**	TO-15	AIR/15992		
92134797003	**SG-3**	TO-15	AIR/15992		
92134797004	**SG-4**	TO-15	AIR/15992		
92134797005	**SG-5**	TO-15	AIR/15992		
92134797006	**SG-6**	TO-15	AIR/15992		
92134797007	**SG-7**	TO-15	AIR/15992		
92134797008	**SG-8**	TO-15	AIR/15992		
92134797009	**SG-9**	TO-15	AIR/15998		
92134797010	**SG-10**	TO-15	AIR/15992		
92134797011	**SG-11**	TO-15	AIR/15992		
92134797012	**SG-12**	TO-15	AIR/15992		

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

08777 Page: 1 of 1

Section A Required Client Information:
Company: AMEC
Address: 2801 Yorkmount Rd
Charlotte, NC 28208
Email To:
Phone: Fax:
Requested Due Date/TAT: Normal

Section B Required Project Information:
Report To: Andrew Frantz
Copy To:
Purchase Order No.:
Project Name: Atherton Mills
Project Number: 62208-12-0051

Section C Invoice Information:
Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #:

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other____

Location of Sampling by State: NC

Reporting Units: ug/m³ X mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level II.___ III.___ IV.___ Other____

Valid Media Codes: MEDIA / CODE — Tedlar Bag TB; 1 Liter Summa Can 1LC; 6 Liter Summa Can 6LC; Low Volume Puff LVP; High Volume Puff HVP; Other PM10

ITEM #	Section D Required Client Information: AIR SAMPLE ID (Sample IDs MUST BE UNIQUE)	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START END/GRAB DATE	TIME	COMPOSITE - DATE	TIME	Canister Pressure (Initial Field - psig)	Canister Pressure (Final Field - psig)	Summa Can Number	Flow Control Number	PM10	3C, Fixed Gas (%) Helium	TO-3	TO-3M (Methane)	TO-4 (PCBs)	TO-13 (PAH)	TO-14	TO-15 LL	TO15 Short List*	Pace Lab ID (92134797)
1	SG-1	GLC		10-10-12	835	10-10-12	1035	27	0	1218	0316	X						X			001
2	SG-2				1007		1707	30	0	558	0092										002
3	SG-3				1015		1815	30	1	291	0094										003
4	SG-4				923		1723	29	0	1691	0324										004
5	SG-5				1030		1830	29	0	842	0023										005
6	SG-6				857		1657	30	0	1635	0273										006
7	SG-7				905		1705	25	0	1079	0339										007
8	SG-8				937		1737	30	0	1465	0047										008
9	SG-9				941		1741	30	2	1640	0312										009
10	SG-10				956		1756	30	1	720	0119										010
11	SG-11				1115		1915	30	3	2416	0122										011
12	SG-12				1117		1917	26	3	2035	0253										012

Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature] AMEC	10-11-12	830	[signature]	10/11/12	0830

SAMPLE CONDITIONS: N/A; Temp in °C; Received on Ice Y/N; Custody Sealed Cooler Y/N; Samples Intact Y/N

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Andrew Frantz
SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY) 10-11-12

ORIGINAL