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Letter of Transmittal

Attention:	<u>Ms. Linda Ross</u>	Date:	<u>January 27, 2011</u>
Project reference:	<u>Former Scott Aviation Facility MW-31 Area</u>	Project number:	<u>60163451</u>

We are sending you the following:

Number of originals:	Number of e-copies:	Description:
<u>1</u>	<u> </u>	<u>Soil Vapor Intrusion Evaluation at the Former Scott Aviation Facility – MW-31 Area</u>
<u> </u>	<u>1</u>	<u>Soil Vapor Intrusion Evaluation at the Former Scott Aviation Facility – MW-31 Area</u>

Dear Ms. Ross:

Enclosed please find the Soil Vapor Intrusion Evaluation at the Former Scott Aviation Facility – MW-31 Area per your letter dated December 10, 2010.

If you have any questions, please contact me at (716) 836-4506, ext. 15 or via the Internet at dino.zack@aecom.com at your earliest convenience.

Sincerely,

Dino L. Zack, PG



Signature

Cc: Gregory Sutton (NYSDEC) – electronic copy
Deanna Ripstein (NYSDOH) – electronic copy
John Perkins (Tyco Fire Protection) – electronic copy
Eric Frauen (O&M, Inc.) – electronic copy
William Saskowski (AVOX Systems Inc.) – electronic copy
AECOM Project File – electronic copy

January 27, 2011

Ms. Linda Ross
New York State Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203-2999

Subject: Soil Vapor Intrusion Evaluation at the Former Scott Aviation Facility – MW-31 Area, Lancaster, New York

Dear Ms. Ross,

On behalf of Tyco Fire Protection (Tyco), AECOM Technical Services, Inc. (AECOM) is pleased to provide you with this letter-report summarizing the results of the recently completed soil vapor intrusion (SVI) evaluation at the MW-31 Area, located east of AVOX Systems Inc. (AVOX) Plant 2 at the Former Scott Aviation Facility (Site) in Lancaster, New York. The SVI investigation was completed along the east side of Walter Winter Drive. Walter Winter Drive is a north-south oriented road located approximately 20 feet east of MW-31 (MW-31 is located on AVOX property, approximately 20 feet east of AVOX Plant 2). This work was conducted in accordance with AECOM's work plan dated September 27, 2010, which was approved by New York State Department of Environmental Conservation (NYSDEC) on October 26, 2010. This letter-report discusses the project intent, describes the field methodology employed, and summarizes both field observations and analytical results.

Background

The SVI investigation was completed at the MW-31 Area after NYSDEC requested it in their letter to Tyco dated August 16, 2010. The MW-31 area consists of shallow groundwater impacted with chlorinated solvents. The purpose of the SVI evaluation was to determine whether soil vapor in the vicinity of the MW-31 area (i.e., east of Walter Winter Drive) was contaminated with chlorinated volatile organic compounds (VOCs) at concentrations sufficiently elevated to represent a potential indoor air quality issue for nearby existing or proposed buildings. New York State Department of Health's (NYSDOH) final "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006), herein referred to as the DOH Guidance, outlines the suggested methodology to be used during a vapor intrusion study and provides an interpretive framework for the resulting analytical data, if applicable.

Field Activities

On December 13, 2010, AECOM installed three temporary SVI probes; on the next day (December 14, 2010), leak detection measurements, sampling activities, and SVI probe decommissioning efforts were implemented. As proposed in the work plan, samples were collected from a total of three temporary SVI probes and one ambient air location. Sampling locations are depicted on **Figure 1** and are briefly summarized in the following table:

Sample ID	Location
A2-SV01	Right-of-way along east side Walter Winter Drive; east of A2-GP03
A2-SV02	Right-of-way along east side Walter Winter Drive; east of A2-GP02
A2-SV03	Right-of-way along east side Walter Winter Drive; east of A2-GP01
A2-AV01	North side Plant 2; upwind of SVI points

Soil Vapor Sampling Methodology

Temporary SVI probes were installed by Matrix Environmental Technologies, Inc. (Matrix), with AECOM oversight, using direct-push techniques to create a two-inch diameter borehole to an approximate depth of five feet below grade. Once the desired depth was reached, the drive rod was retracted, and the soil core was characterized and inspected for signs of groundwater. After the boreholes were determined to be dry, the SVI probes were installed. The probe consisted of a quarter-inch outer diameter Teflon tube which was installed in the two-inch diameter borehole. The annulus was backfilled with approximately one-foot of clean coarse sand, followed by a cement-bentonite seal extending to ground surface and around the helium shroud. Each probe was allowed to equilibrate over a 24-hour period so that the cement-bentonite mixture could cure. The top of each probe was covered with a clean five-gallon bucket and orange safety cone to protect the SVI probe overnight.

The following day, prior to the sampling event, helium tracer gas was injected into each helium shroud using application methods described in the NYSDOH's Guidance (Section 2.7.5). Prior to collection of soil vapor samples, the temporary SVI probes were purged of approximately three implant volumes (i.e., volume of the sample tube and sand pack). A Dielectric Technologies Model MGD-2002 Multi-Gas Leak Locator and GilAir-3 sample pump were used to purge the three implant volumes while simultaneously screening helium concentrations in purged vapor; the purge flow rate did not exceed 0.2 liters per minute. Once the seal was determined to be satisfactory, a MultiRae Model PGM-7240 photoionization detector (PID) was used to screen both the soil vapor and the ambient outdoor air for VOCs.

Each sample was collected in a three-liter, stainless steel, SUMMA-type canister, equipped with a two-hour regulator. SVI and ambient air samples were collected concurrently; one field duplicate was collected for quality assurance purposes. The field geologist recorded the sample identification, canister and regulator identification, date and time of sample collection, sampling depth and moisture content of the sampling zone, and the sampling method and device on a field log sheet. In addition, the purge volume, sample volume, canister vacuum pre- and post-sampling, and sampler name were recorded. The log sheet is included in **Attachment 1**. Any other pertinent field observations (i.e., odors or readings from field instrumentation) were also noted on the log sheet. The daily weather reports are also included in **Attachment 1**. After samples were collected, SVI probes were removed and the boreholes were backfilled with topsoil and/or bentonite chips to restore the sample locations to their original condition.

Soil vapor samples were packaged and hand delivered to Test America Laboratories in Amherst, New York under standard chain-of-custody procedures. All samples were analyzed for VOCs using EPA Method TO-15 with a minimum reporting limit of 1 $\mu\text{g}/\text{m}^3$ for all VOCs, 0.25 $\mu\text{g}/\text{m}^3$ for trichloroethene (TCE), and 0.25 $\mu\text{g}/\text{m}^3$ for carbon tetrachloride unless the sample was found to contain VOC concentrations above those reporting limits. A Category B deliverable package was requested for the soil vapor data and included the following elements: analytical report; QA/QC summary; chain of custody; method blank; laboratory control samples – control limits; reporting limits; and, surrogate recoveries for GC/MS analysis with control limits. One field duplicate was

collected and submitted blind to the analytical laboratory, MW-31-DUP (from location A2-AV01). At this location, samples were collected of ambient air in two canisters positioned adjacent to each other.

Field Observations

No petroleum or chemical odors were noted in soils recovered during the installation of the soil borings. In addition, no elevated PID readings were noted during screening of soils. In general, shallow site soils consisted of approximately six to ten inches of dark brown topsoil above a clayey silt to a depth of 5 feet below grade. Soils were dry to moist throughout the sample core at each location.

There were no issues during leak detection activities; at no time during tracer gas testing did the concentration of helium detected at the SVI sample locations exceed the 10% concentration of helium listed in the NYSDOH's Guidance (Section 2.7.5). A summary of observations and sampling parameters at each sample location is provided as a log in **Attachment 1**.

During sample collection, more than two hours were required to collect sufficient air volume from the soil vapor locations due to the very stiff characteristics of the clayey silt soils in the screen zone. In addition, below freezing temperatures and frozen ground conditions may have contributed to the lack of airflow.

Since indoor air sampling was not conducted as part of this investigation, no pre-sampling chemical inventory was completed.

Analytical Results

The VOCs (Contaminants of Concern (COCs)) detected above NYSDEC guidance values (TOGS 1.1.1) in site groundwater at MW-31 during historical sampling events in 2005 and 2009 include TCE, cis-1,2-dichloroethene (cis DCE), trans-1,2-dichloroethene (trans DCE), 1,1-dichloroethene (1,1 DCE), 1,1-dichloroethane (1,1 DCA), vinyl chloride (VC), chloroethane, 1,2-dichloroethane (1,2 DCA) and 1,1,1-trichloroethane (1,1,1 TCA). The compounds with the most elevated groundwater concentrations reported in this location are TCE, cis DCE, and 1,1 DCA .

Based on the analytical results, summarized in **Table 1**, one COC was detected in the soil vapor samples above laboratory reporting limits. TCE was reported in A2-SV03 at a concentration of 1.2 $\mu\text{g}/\text{m}^3$.

Tetrachloroethene (PCE), which has not been previously identified as a site COC in groundwater, was reported in one soil vapor sample (A2-SV01) at a concentration of 3.1 $\mu\text{g}/\text{m}^3$.

The NYSDOH has published Air Guideline Values for these two compounds (TCE at 5 $\mu\text{g}/\text{m}^3$ and PCE at 100 $\mu\text{g}/\text{m}^3$); however, these values are published specifically for indoor air samples. There are no current state-enforceable standards, criteria or guidelines for concentrations of VOCs in soil vapor.

The Decision Matrices provided in the DOH Guidance are used as a reference for determining when a soil vapor concentration of certain chlorinated VOCs constitutes a potential SVI concern and warrants mitigation or further monitoring. Review of TCE results employs use of Matrix 1, while Matrix 2 has been provided for review of PCE data.

Matrix 1 (TCE) indicates that when sub-slab vapor concentrations are less than $5 \mu\text{g}/\text{m}^3$, no mitigation or further monitoring is required, regardless of the companion indoor air concentration. Since the TCE results were below $5 \mu\text{g}/\text{m}^3$ in the one sample, the result does not warrant further action. Matrix 2 (PCE) indicates that when sub-slab vapor concentrations are less than $100 \mu\text{g}/\text{m}^3$, no mitigation or further monitoring is required, regardless of the companion indoor air concentration. Since the PCE results were well below $100 \mu\text{g}/\text{m}^3$ in each of the three samples, the results do not warrant further action.

Trace to low levels of various other VOCs, summarized in **Table 1**, were detected in one or more soil vapor samples; however, they were not reported at concentrations that warrant further evaluation. The analytical results from the field duplicate (MW-31-DUP) corroborated the concentrations identified in A2-AV01, however, the concentrations exhibited in the field duplicate were generally higher.

The laboratory summary sheets are included as **Attachment 2**. The full analytical report (Category B deliverable package) with QA/QC data is available upon request.

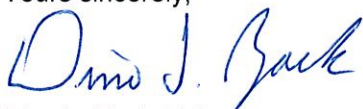
Conclusions

Based on the information collected to date, AECOM provides the following conclusions regarding the soil vapor sampling activities east of the Former Scott Aviation Facility MW-31 Area:

- In December 2010, a total of three soil vapor samples were collected at the Site along the east side of Walter Winter Drive using 3-liter SUMMA canisters equipped with two-hour regulators. Temporary probes were installed at a depth of approximately 5 feet below grade; no groundwater was observed.
- A low concentration of one of the Site's COCs (TCE), was exhibited in one sample and another DOH target compound (PCE) was reported at a low concentration in a second sample. Based on comparison of the analytical data against the DOH Guidance Document Decision Matrices, no further monitoring or mitigation related to potential SVI conditions is warranted.

If you have any questions regarding this submission, please do not hesitate to contact me at (716) 836-4506 ext. 15 or via email.

Yours sincerely,

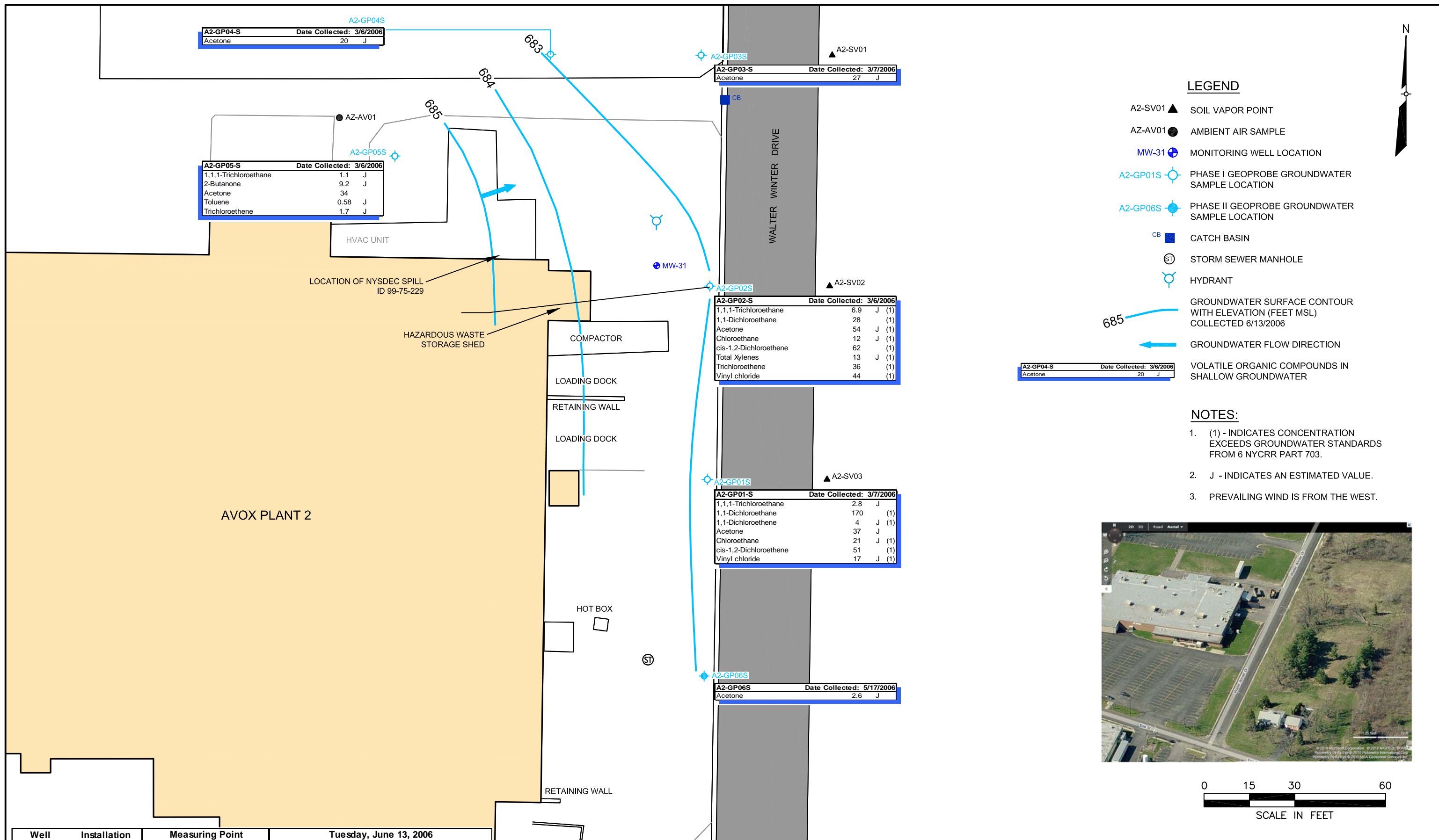


Dino L. Zack, P.G.
Project Manager
dino.zack@aecom.com

Enclosures

Cc: Gregory Sutton (NYSDEC) – electronic version
Deanna Ripstein (NYSDOH) – electronic version
John Perkins (Tyco Fire Protection) – electronic version
Eric Frauen (O&M, Inc.) – electronic version
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AECOM Project File – electronic version

FIGURE



Well Number	Installation Date	Measuring Point		Tuesday, June 13, 2006	
		Description	Elevation (ft)	Depth to Water (ft)	Elevation of Water (ft)
A2-GP01-S	3/3/2006	Top of Casing	686.3	3.97	682.33
A2-GP02-S	3/3/2006	Top of Casing	686.45	3.40	683.05
A2-GP03-S	3/3/2006	Top of Casing	689.45	7.14	682.31
A2-GP04-S	3/3/2006	Top of Casing	690.56	7.64	682.92
A2-GP05-S	3/3/2006	Top of Casing	691.39	5.41	685.98
A2-GP06-S	5/15/2006	Top of Casing	690.7	7.74	682.96



FIGURE 1
SOIL VAPOR POINT LOCATIONS

FORMER SCOTT AVIATION, INC.
LANCASTER, NEW YORK

TABLE

Table 1
Air TO-15 Results
Former Scott Aviation Facility - MW-31 Area
Lancaster, New York

Type of Sample	AMBIENT		AMBIENT		SOIL VAPOR		SOIL VAPOR		SOIL VAPOR	
Sample ID	A2-AV01		MW-31-DUP		A2-SV01		A2-SV02		A2-SV03	
Laboratory ID	RTL1033-04		RTL1033-05		RTL1033-01		RTL1033-02		RTL1033-03	
Sampling Date	12/14/2010		12/14/2010		12/14/2010		12/14/2010		12/14/2010	
Compound (µg/m³)										
1,1,1-Trichloroethane	0.22	U	0.22	U	0.27	U	0.27	U	0.27	U
1,1,1,2-Tetrachloroethane	0.27	U	0.27	U	0.34	U	0.34	U	0.34	U
1,1,2-Trichloroethane	0.22	U	0.22	U	0.27	U	0.27	U	0.27	U
1,1-Dichloroethane	0.16	U	0.16	U	0.053	U	0.053	U	0.053	U
1,1-Dichloroethene	0.16	U	0.16	U	0.059	U	0.059	U	0.059	U
1,2-Dibromoethane	0.31	U	0.31	U	0.092	U	0.092	U	0.092	U
1,2-Dichloroethane	0.32	U	0.32	U	0.061	U	0.061	U	0.061	U
1,2-Dichloroethene, Total	0.16	U	0.16	U	0.4	U	0.4	U	0.4	U
1,2-Dichloropropane	0.37	U	0.37	U	0.074	U	0.074	U	0.074	U
1,2-Dichlorotetrafluoroethane	0.28	U	0.28	U	0.084	U	0.084	U	0.084	U
1,3,5-Trimethylbenzene	0.39	U	0.39	U	0.31	U	0.31	U	0.31	U
1,3-Butadiene	0.18	U	0.18	U	0.06	U	0.06	U	0.06	U
2,2,4-Trimethylpentane	0.19	U	0.19	U	0.061	U	0.061	U	0.061	U
3-Chloropropene	0.25	U	0.25	U	0.091	U	0.091	U	0.091	U
4-Ethyltoluene	0.2	U	0.2	U	0.31	U	0.31	U	0.31	U
Benzene	0.20	U	0.61	U	0.88	U	0.97	U	1.2	U
Bromodichloromethane	0.27	U	0.27	U	0.34	U	0.34	U	0.34	U
Bromoethene(Vinyl Bromide)	0.35	U	0.35	U	0.22	U	0.22	U	0.22	U
Bromoform	0.41	U	0.41	U	0.52	U	0.52	U	0.52	U
Bromomethane	0.31	U	0.31	U	0.054	U	0.054	U	0.054	U
Carbon tetrachloride	0.35	U	0.47	U	0.31	U	0.31	U	0.31	U
Chloroethane	0.21	U	0.21	U	0.26	U	0.26	U	0.26	U
Chloroform	0.2	U	0.2	U	0.24	U	4.0	U	5.5	U
cis-1,2-Dichloroethene	0.16	U	0.16	U	0.2	U	0.2	U	0.2	U
cis-1,3-Dichloropropene	0.18	U	0.18	U	0.23	U	0.23	U	0.23	U
Cyclohexane	0.15	U	0.31	U	0.041	U	0.041	U	0.041	U
Dibromochloromethane	0.34	U	0.34	U	0.43	U	0.43	U	0.43	U
Dichlorodifluoromethane	2.8	U	2.6	U	2.8	U	2.9	U	2.8	U
Ethylbenzene	0.17	U	0.19	U	0.061	U	0.061	U	0.061	U
m-Xylene & p-Xylene	0.35	U	0.56	U	2.3	U	0.1	U	2.6	U
Methyl tert-butyl ether	0.14	U	0.14	U	0.047	U	0.047	U	0.047	U
Methylene Chloride	2.8	U	2.8	U	0.1	U	0.1	U	0.1	U
n-Heptane	0.16	U	0.22	U	0.11	U	0.11	U	0.11	U
n-Hexane	0.28	U	0.42	U	0.86	U	0.86	U	1.4	U
Tetrachloroethene	0.27	U	0.27	U	3.1	U	0.12	U	0.12	U
Toluene	0.15	U	1.5	U	3.7	U	1.8	U	4.7	U
trans-1,2-Dichloroethene	0.16	U	0.16	U	0.2	U	0.2	U	0.2	U
trans-1,3-Dichloropropene	0.18	U	0.18	U	0.29	U	0.29	U	0.29	U
Trichloroethene	0.21	U	0.21	U	0.075	U	0.075	U	1.2	U
Trichlorofluoromethane	1.1	U	1.2	U	1.3	U	1.5	U	1.4	U
Vinyl chloride	0.20	U	0.2	U	0.064	U	0.064	U	0.064	U
Xylenes, Total	0.17	U	0.74	U	3.4	U	0.96	U	3.4	U
o-Xylene	0.17	U	0.18	U	1.1	U	0.22	U	0.22	U

Notes:

All units in micrograms per cubic meter (µg/m³)

Sample MW-31-DUP is a duplicate sample of A2-AV01.

Bold - Compound detected in a concentration greater than the method reporting limits.

U - The compound was analyzed for, but was not detected above the method reporting limit.

Yellow shaded cells indicate compounds that were detected in groundwater at MW-31 above NYSDEC guidance values and represent site COCs.

Orange shaded cells indicate compounds covered by the SVI guidance that were detected in soil vapor, but that are not known site COCs.



ATTACHMENT 1

Log Sheets

VAPOR INTRUSION SURVEY
OUTDOOR AMBIENT AIR SAMPLING LOG SHEET

FORMER SCOTT AVIATION FACILITY MW-31 AREA

LANCASTER, NEW YORK

14-Dec-10

Sampled by: Dino Zack

Sample ID	Sample Date	Canister Number	Regulator Number	Sample Start Time	Sample Stop Time	Sample Height	Purge Volume	Sampled Volume	PID (ppm)	Stand-by Gauge Reading	Vacuum Before	Vacuum After
A2-AV01	12/14/2010	4551	3787	8:48	10:20	5'	NA	3 L	0.0	NA	-30" Hg	-6" Hg
MW-31-DUP	12/14/2010	4777	2774	7:00	9:00	5'	NA	3 L	0.0	NA	-30" Hg	-5" Hg

Notes: All samples collected in 3-liter SUMMA canisters.
All regulators were pre-set by laboratory to 0.2 Liters/minute sampling rate

VAPOR INTRUSION SURVEY
SOIL VAPOR SAMPLING LOG SHEET
 FORMER SCOTT AVIATION FACILITY MW-31 AREA
 LANCASTER, NEW YORK
14-Dec-10
 Sampled by: Dino Zack

Sample ID	Sample Date	Canister Number	Flow Controller Number	Sample Start Time	Sample Stop Time	Sample Depth	Purge Volume	Sampled Volume	Soil Moisture Content	PID (ppm)	Detected Helium Conc. (ppm)	Vacuum Before	Vacuum After
A2-SV01	12/14/2010	5061	2762	8:53	13:00	5'	400 mL	3 L	Moist	0.0	0.0	-30" Hg	-15" Hg
A2-SV02	12/14/2010	4320	4538	8:56	13:10	5'	400 mL	3 L	Moist	0.0	0.0	-29" Hg	-12" Hg
A2-SV03	12/14/2010	3135	4043	9:00	12:38	5'	400 mL	3 L	Moist	0.0	0.0	-30" Hg	-12" Hg

Notes: All samples collected in 3-liter SUMMA canisters.
 All regulators were pre-set by laboratory to 0.2 Liters/minute sampling rate

History for KNYLANCA3

South Lancaster, Lancaster, NY — [Current Conditions](#)

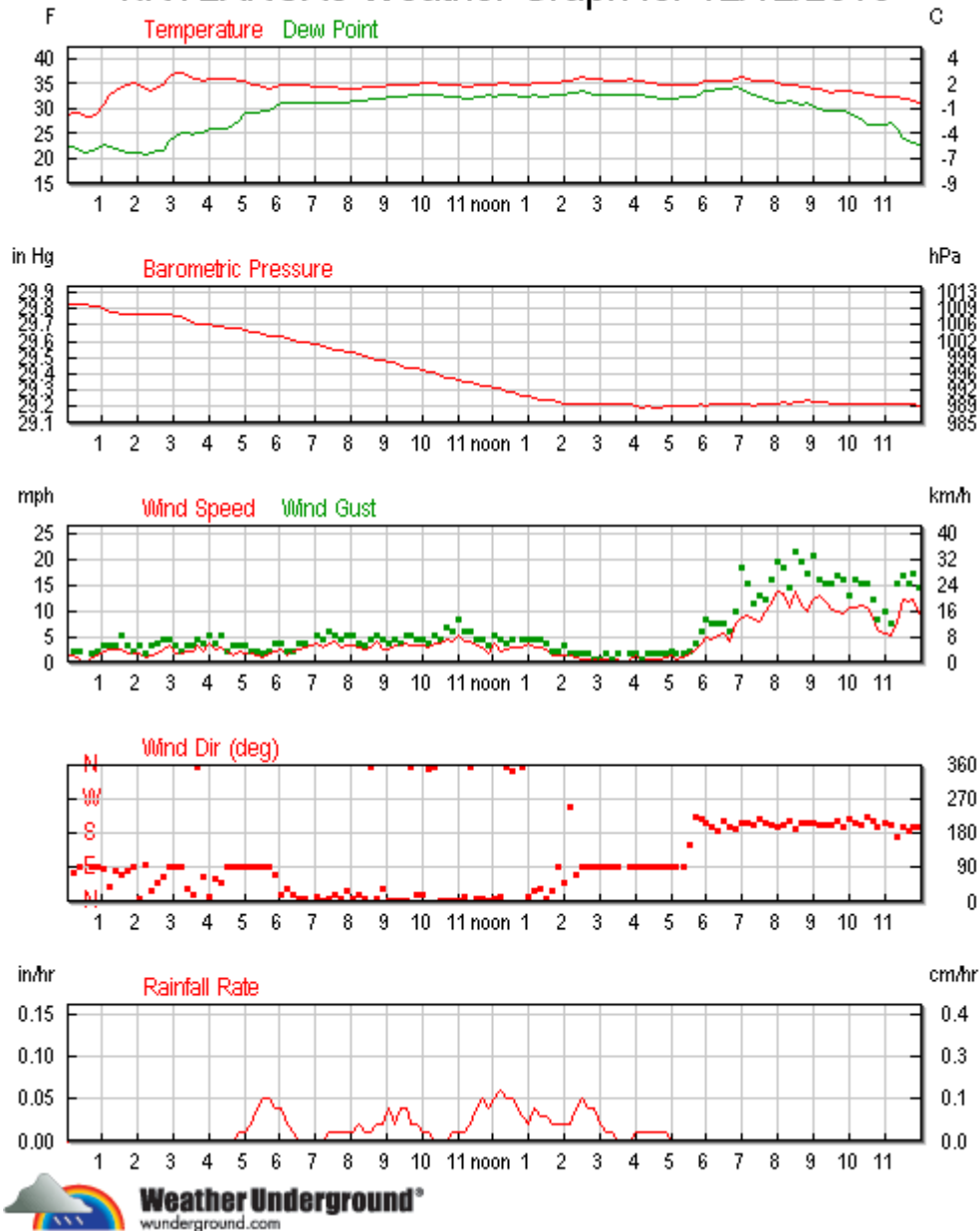
Daily Summary for December 12, 2010

	Current:	High:	Low:	Average:
Temperature:	23.9 °F	37.8 °F	29.1 °F	35.1 °F
Dew Point:	13.8 °F	34.9 °F	21.6 °F	30.3 °F
Humidity:	65%	94%	57%	83%
Wind Speed:	8.1mph	13.7mph	-	4.1mph
Wind Gust:	15.2mph	21.3mph	-	-
Wind:	South	-	-	SSW
Pressure:	29.70in	29.83in	29.19in	-
Precipitation:	0.26in			

Statistics for the rest of the month:

	High:	Low:	Average:
Temperature:	54.3 °F	-0.6 °F	25.3 °F
Dew Point:	51.1 °F	-7.2 °F	16.9 °F
Humidity:	94.0%	27.0%	71.4%
Wind Speed:	17.9mph from the West	-	5.9mph
Wind Gust:	26.6mph from the West	-	-
Wind:	-	-	SW
Pressure:	30.29in	29.18in	-
Precipitation:	1.06in		

KNYLANCA3 Weather Graph for 12/12/2010



Tabular Data for December 12, 2010

Time	Temp.	Dew Point	Pressure	Wind	Wind Speed	Wind Gust	Humidity	Rainfall Rate (Hourly)
00:03	29.5 °F	22.9 °F	29.83in	East	1.4mph	2.2mph	76%	0.00in
00:12	30.0 °F	23.1 °F	29.83in	ENE	1.2mph	2.2mph	75%	0.00in
00:22	29.7 °F	22.4 °F	29.83in	Calm		2.2mph	74%	0.00in
00:32	29.1 °F	21.9 °F	29.83in	Calm		0.0mph	74%	0.00in
00:42	29.1 °F	22.2 °F	29.81in	Calm		1.6mph	75%	0.00in
00:52	29.8 °F	22.6 °F	29.81in	East	1.2mph	2.2mph	74%	0.00in
01:02	31.6 °F	23.6 °F	29.80in	East	2.1mph	3.1mph	72%	0.00in
01:12	33.6 °F	23.0 °F	29.78in	NE	2.5mph	3.1mph	65%	0.00in

01:22	34.3 °F	22.5 °F	29.78in	East	2.5mph	3.1mph	62%	0.00in
01:32	35.1 °F	22.4 °F	29.77in	ENE	2.7mph	5.4mph	60%	0.00in
01:42	35.6 °F	22.0 °F	29.77in	East	1.8mph	3.1mph	58%	0.00in
01:52	35.8 °F	21.7 °F	29.77in	East	1.9mph	2.2mph	57%	0.00in
02:02	35.2 °F	21.7 °F	29.76in	North	1.9mph	3.1mph	58%	0.00in
02:12	34.7 °F	21.6 °F	29.77in	East	1.1mph	1.6mph	59%	0.00in
02:22	34.3 °F	21.7 °F	29.77in	NNE	1.2mph	3.1mph	60%	0.00in
02:32	34.9 °F	22.2 °F	29.77in	NE	1.9mph	3.8mph	60%	0.00in
02:42	35.6 °F	22.4 °F	29.77in	ENE	2.7mph	4.5mph	59%	0.00in
02:52	37.0 °F	24.2 °F	29.77in	East	3.1mph	4.5mph	60%	0.00in
03:02	37.8 °F	24.9 °F	29.75in	East	1.8mph	3.1mph	60%	0.00in
03:12	37.8 °F	25.7 °F	29.75in	East	1.9mph	2.2mph	62%	0.00in
03:22	37.4 °F	25.8 °F	29.73in	NNE	2.3mph	3.1mph	63%	0.00in
03:32	36.7 °F	25.5 °F	29.72in	NNE	2.2mph	3.1mph	64%	0.00in
03:42	36.5 °F	25.7 °F	29.71in	North	3.2mph	4.5mph	65%	0.00in
03:52	36.1 °F	25.7 °F	29.70in	ENE	2.2mph	3.8mph	66%	0.00in
04:02	36.5 °F	26.5 °F	29.70in	North	3.6mph	5.4mph	67%	0.00in
04:12	36.5 °F	26.5 °F	29.69in	ENE	2.4mph	3.8mph	67%	0.00in
04:22	36.5 °F	26.5 °F	29.69in	NE	2.9mph	5.4mph	67%	0.00in
04:32	36.5 °F	26.8 °F	29.68in	East	2.0mph	2.2mph	68%	0.00in
04:42	36.5 °F	27.6 °F	29.68in	East	1.4mph	3.1mph	70%	0.00in
04:52	36.3 °F	28.4 °F	29.68in	East	2.0mph	3.1mph	73%	0.01in
05:02	36.3 °F	29.8 °F	29.67in	East	1.7mph	3.1mph	77%	0.01in
05:12	35.6 °F	29.7 °F	29.66in	East	1.8mph	2.2mph	79%	0.02in
05:22	35.2 °F	30.0 °F	29.65in	East	1.5mph	2.2mph	81%	0.04in
05:32	34.9 °F	30.2 °F	29.64in	East	1.1mph	1.6mph	83%	0.05in
05:42	34.5 °F	30.2 °F	29.63in	East	1.6mph	2.2mph	84%	0.05in
05:52	34.9 °F	31.1 °F	29.63in	ENE	2.1mph	3.8mph	86%	0.04in
06:02	35.4 °F	31.9 °F	29.63in	NNE	2.7mph	3.8mph	87%	0.04in
06:12	35.2 °F	31.8 °F	29.62in	NNE	1.3mph	2.2mph	87%	0.02in
06:22	35.2 °F	31.8 °F	29.61in	NNE	2.0mph	2.2mph	87%	0.01in
06:32	35.2 °F	31.8 °F	29.60in	North	2.7mph	3.8mph	87%	0.00in
06:42	35.4 °F	31.9 °F	29.60in	North	2.9mph	3.8mph	87%	0.00in
07:02	35.1 °F	31.9 °F	29.58in	NNE	3.8mph	5.4mph	88%	0.00in
07:12	34.9 °F	31.7 °F	29.57in	North	3.0mph	4.5mph	88%	0.00in
07:22	34.9 °F	31.7 °F	29.56in	North	3.8mph	6.0mph	88%	0.01in
07:32	34.9 °F	32.0 °F	29.55in	NNE	3.9mph	5.4mph	89%	0.01in
07:42	34.7 °F	31.8 °F	29.55in	North	2.9mph	4.5mph	89%	0.01in
07:52	34.7 °F	31.8 °F	29.53in	NNE	3.1mph	5.4mph	89%	0.01in
08:02	34.7 °F	32.1 °F	29.53in	North	3.2mph	5.4mph	90%	0.01in
08:12	34.7 °F	32.1 °F	29.52in	NNE	2.8mph	3.8mph	90%	0.02in
08:22	34.9 °F	32.3 °F	29.51in	North	2.4mph	3.1mph	90%	0.01in
08:32	34.9 °F	32.5 °F	29.50in	North	3.0mph	4.5mph	91%	0.01in
08:42	35.1 °F	32.7 °F	29.49in	North	4.0mph	5.4mph	91%	0.02in

08:52	35.1 °F	32.7 °F	29.49in	NE	2.5mph	4.5mph	91%	0.02in
09:02	35.2 °F	32.9 °F	29.47in	North	2.5mph	3.8mph	91%	0.04in
09:12	35.2 °F	32.9 °F	29.47in	North	3.3mph	4.5mph	91%	0.02in
09:22	35.4 °F	33.1 °F	29.45in	North	3.1mph	3.8mph	91%	0.04in
09:32	35.4 °F	33.1 °F	29.44in	North	3.6mph	5.4mph	91%	0.04in
09:42	35.6 °F	33.2 °F	29.44in	North	3.2mph	5.4mph	91%	0.02in
09:52	35.6 °F	33.2 °F	29.44in	NNE	3.4mph	4.5mph	91%	0.02in
10:02	35.8 °F	33.4 °F	29.42in	NNE	3.4mph	4.5mph	91%	0.01in
10:12	35.8 °F	33.4 °F	29.41in	North	2.9mph	3.8mph	91%	0.01in
10:22	35.8 °F	33.4 °F	29.41in	North	3.7mph	5.4mph	91%	0.00in
10:32	35.6 °F	33.2 °F	29.39in	North	3.6mph	4.5mph	91%	0.00in
10:42	35.4 °F	33.1 °F	29.38in	North	4.4mph	6.9mph	91%	0.00in
10:52	35.4 °F	33.1 °F	29.37in	North	3.9mph	6.0mph	91%	0.01in
11:02	35.2 °F	32.9 °F	29.36in	North	5.4mph	8.3mph	91%	0.01in
11:12	35.1 °F	32.7 °F	29.35in	NNE	4.1mph	6.0mph	91%	0.01in
11:22	35.1 °F	32.7 °F	29.35in	North	3.9mph	6.0mph	91%	0.02in
11:32	35.2 °F	32.9 °F	29.34in	North	3.4mph	4.5mph	91%	0.04in
11:42	35.2 °F	32.9 °F	29.33in	North	3.0mph	4.5mph	91%	0.05in
11:52	35.6 °F	33.2 °F	29.33in	North	1.8mph	3.1mph	91%	0.04in
12:02	35.4 °F	33.1 °F	29.31in	North	3.5mph	5.4mph	91%	0.05in
12:12	35.8 °F	33.4 °F	29.31in	NNE	2.3mph	4.5mph	91%	0.06in
12:22	35.8 °F	33.4 °F	29.29in	North	2.5mph	3.8mph	91%	0.05in
12:32	35.6 °F	33.2 °F	29.29in	NNW	2.8mph	4.5mph	91%	0.05in
12:49	35.4 °F	33.1 °F	29.26in	North	3.0mph	4.5mph	91%	0.03in
13:00	35.4 °F	33.1 °F	29.26in	NNE	3.5mph	4.5mph	91%	0.02in
13:09	35.8 °F	33.4 °F	29.25in	NNE	2.8mph	4.5mph	91%	0.04in
13:20	35.8 °F	33.1 °F	29.24in	NNE	2.8mph	4.5mph	90%	0.03in
13:29	35.8 °F	33.1 °F	29.24in	North	2.6mph	3.8mph	90%	0.03in
13:40	36.0 °F	33.3 °F	29.24in	NNE	1.4mph	2.2mph	90%	0.02in
13:49	36.0 °F	33.3 °F	29.23in	East	1.5mph	2.2mph	90%	0.02in
13:59	36.1 °F	33.5 °F	29.22in	NE	1.3mph	3.1mph	90%	0.02in
14:10	36.3 °F	33.7 °F	29.22in	WSW	1.2mph	1.6mph	90%	0.02in
14:20	36.5 °F	33.9 °F	29.22in	ENE	1.0mph	1.6mph	90%	0.04in
14:29	36.9 °F	34.2 °F	29.22in	Calm		1.6mph	90%	0.05in
14:39	36.7 °F	33.8 °F	29.22in	Calm		1.6mph	89%	0.04in
14:50	36.5 °F	33.6 °F	29.21in	Calm		0.7mph	89%	0.04in
15:00	36.5 °F	33.6 °F	29.21in	Calm		0.7mph	89%	0.02in
15:10	36.3 °F	33.4 °F	29.21in	Calm		1.6mph	89%	0.01in
15:20	36.1 °F	33.2 °F	29.21in	Calm		0.7mph	89%	0.01in
15:30	36.1 °F	33.2 °F	29.21in	Calm		1.6mph	89%	0.00in
15:40	36.3 °F	33.4 °F	29.21in	Calm		0.0mph	89%	0.00in
15:50	36.5 °F	33.6 °F	29.21in	Calm		1.6mph	89%	0.00in
15:59	36.3 °F	33.4 °F	29.20in	East	1.5mph	1.6mph	89%	0.01in
16:09	36.1 °F	33.2 °F	29.19in	Calm		0.7mph	89%	0.01in

16:20	36.0 °F	33.0 °F	29.20in	Calm		1.6mph	89%	0.01in
16:30	35.8 °F	32.9 °F	29.19in	Calm		1.6mph	89%	0.01in
16:40	35.6 °F	32.7 °F	29.19in	Calm		1.6mph	89%	0.01in
16:50	35.4 °F	32.8 °F	29.20in	East	1.0mph	1.6mph	90%	0.01in
17:00	35.4 °F	32.8 °F	29.20in	East	1.3mph	2.2mph	90%	0.00in
17:09	35.2 °F	32.6 °F	29.20in	Calm		1.6mph	90%	0.00in
17:20	35.2 °F	32.9 °F	29.20in	Calm		1.6mph	91%	0.00in
17:30	35.2 °F	32.9 °F	29.20in	SSE	1.8mph	2.2mph	91%	0.00in
17:40	35.4 °F	33.1 °F	29.20in	SW	2.6mph	3.8mph	91%	0.00in
17:50	35.8 °F	33.7 °F	29.21in	SW	3.7mph	6.0mph	92%	0.00in
17:59	36.1 °F	34.3 °F	29.20in	SSW	4.7mph	8.3mph	93%	0.00in
18:10	36.1 °F	34.3 °F	29.21in	SSW	4.3mph	7.6mph	93%	0.00in
18:19	36.3 °F	34.5 °F	29.21in	South	5.2mph	7.6mph	93%	0.00in
18:30	36.3 °F	34.5 °F	29.21in	SSW	5.5mph	7.6mph	93%	0.00in
18:40	36.3 °F	34.5 °F	29.21in	SSW	4.2mph	6.0mph	93%	0.00in
18:50	36.5 °F	34.9 °F	29.21in	SSW	7.5mph	9.8mph	94%	0.00in
19:00	36.9 °F	34.8 °F	29.21in	SSW	8.6mph	18.3mph	92%	0.00in
19:09	36.7 °F	34.0 °F	29.21in	SSW	9.0mph	15.2mph	90%	0.00in
19:19	36.3 °F	33.4 °F	29.20in	SSW	8.2mph	11.4mph	89%	0.00in
19:29	36.3 °F	33.1 °F	29.21in	SW	8.0mph	13.0mph	88%	0.00in
19:40	36.1 °F	32.4 °F	29.21in	SSW	9.8mph	12.1mph	86%	0.00in
19:49	36.3 °F	32.3 °F	29.21in	SSW	11.3mph	15.9mph	85%	0.00in
20:00	36.0 °F	31.9 °F	29.22in	SSW	13.7mph	19.7mph	85%	0.00in
20:10	35.4 °F	31.9 °F	29.23in	SSW	13.2mph	18.3mph	87%	0.00in
20:20	35.2 °F	32.1 °F	29.22in	SSW	10.6mph	14.5mph	88%	0.00in
20:30	35.2 °F	31.8 °F	29.23in	SSW	13.7mph	21.3mph	87%	0.00in
20:40	35.1 °F	31.6 °F	29.23in	SSW	11.2mph	19.7mph	87%	0.00in
20:50	34.9 °F	31.7 °F	29.24in	SSW	9.9mph	17.4mph	88%	0.00in
21:00	34.5 °F	31.1 °F	29.23in	SSW	12.2mph	20.6mph	87%	0.00in
21:10	34.5 °F	30.8 °F	29.23in	SSW	13.1mph	15.9mph	86%	0.00in
21:20	34.3 °F	30.3 °F	29.23in	SSW	11.9mph	15.2mph	85%	0.00in
21:30	34.0 °F	30.2 °F	29.22in	SSW	10.3mph	15.2mph	86%	0.00in
21:40	34.2 °F	30.4 °F	29.22in	SW	9.8mph	16.8mph	86%	0.00in
21:50	34.2 °F	30.4 °F	29.22in	SSW	9.3mph	15.9mph	86%	0.00in
21:59	34.2 °F	29.8 °F	29.22in	SW	10.5mph	13.0mph	84%	0.00in
22:10	34.0 °F	29.1 °F	29.21in	SSW	10.8mph	15.9mph	82%	0.00in
22:20	33.8 °F	28.6 °F	29.21in	SSW	11.0mph	15.2mph	81%	0.00in
22:30	33.4 °F	27.3 °F	29.21in	SW	10.8mph	15.2mph	78%	0.00in
22:40	33.3 °F	27.5 °F	29.21in	SSW	8.7mph	12.1mph	79%	0.00in
22:49	33.1 °F	27.3 °F	29.22in	SSW	6.4mph	8.3mph	79%	0.00in
23:00	33.1 °F	27.6 °F	29.21in	SSW	5.5mph	9.8mph	80%	0.00in
23:10	33.1 °F	27.9 °F	29.22in	SSW	5.3mph	7.6mph	81%	0.00in
23:20	32.9 °F	26.5 °F	29.22in	South	8.1mph	15.2mph	77%	0.00in
23:30	32.7 °F	24.6 °F	29.22in	SSW	12.2mph	16.8mph	72%	0.00in

23:40	32.4 °F	24.3 °F	29.21in	South	11.7mph	15.2mph	72%	0.00in
23:49	32.2 °F	23.8 °F	29.21in	SSW	12.3mph	17.4mph	71%	0.00in
23:59	32.0 °F	23.6 °F	29.20in	SSW	9.4mph	14.5mph	71%	0.00in

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History for KNYLANCA3

South Lancaster, Lancaster, NY — [Current Conditions](#)

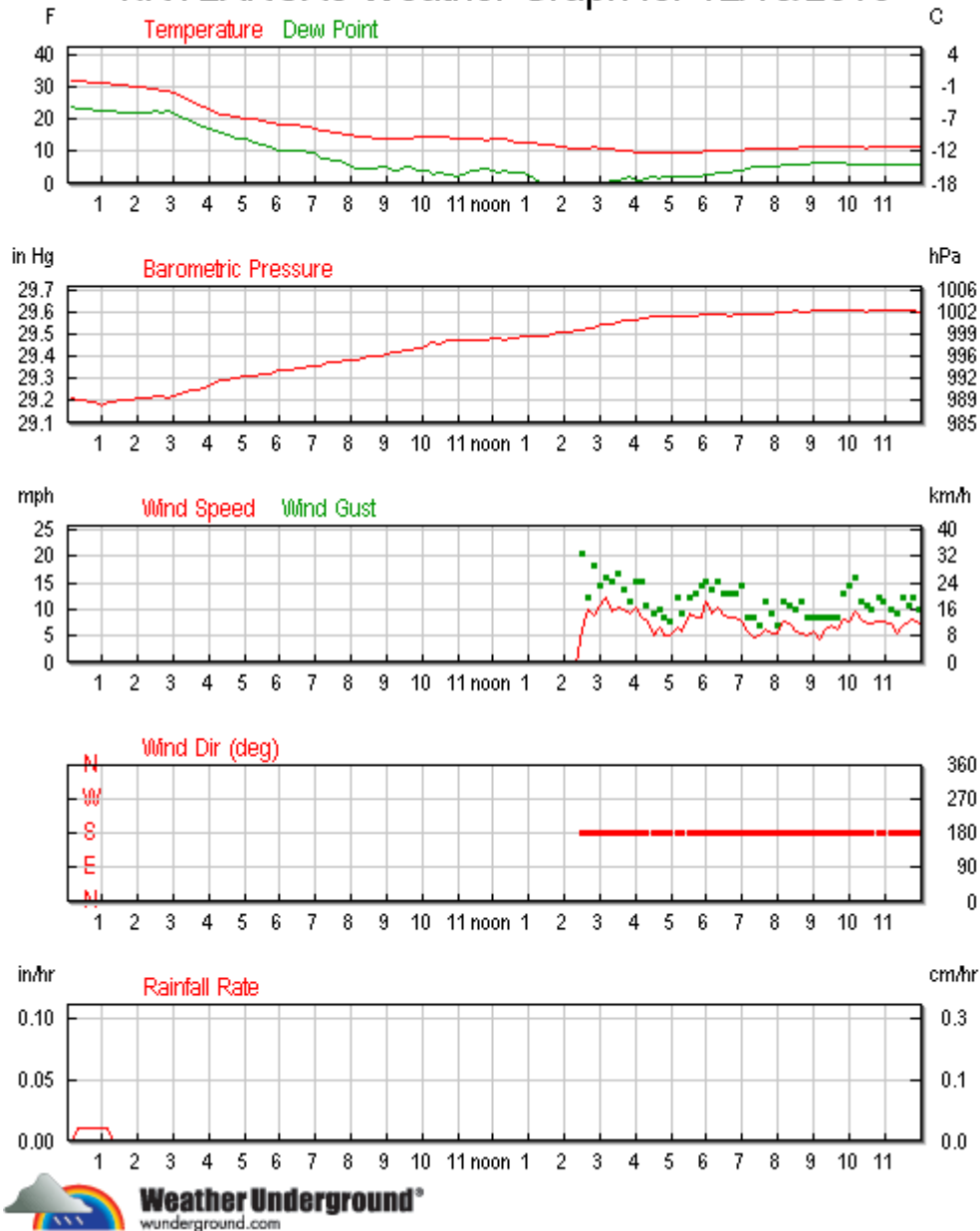
Daily Summary for December 13, 2010

	Current:	High:	Low:	Average:
Temperature:	23.9 °F	32.0 °F	9.5 °F	15.8 °F
Dew Point:	13.8 °F	24.0 °F	-0.7 °F	7.8 °F
Humidity:	65%	79%	58%	70%
Wind Speed:	8.1mph	12.1mph	-	3.0mph
Wind Gust:	15.2mph	20.6mph	-	-
Wind:	South	-	-	South
Pressure:	29.70in	29.61in	29.18in	-
Precipitation:	0.01in			

Statistics for the rest of the month:

	High:	Low:	Average:
Temperature:	54.3 °F	-0.6 °F	25.3 °F
Dew Point:	51.1 °F	-7.2 °F	16.9 °F
Humidity:	94.0%	27.0%	71.4%
Wind Speed:	17.9mph from the West	-	5.9mph
Wind Gust:	26.6mph from the West	-	-
Wind:	-	-	SW
Pressure:	30.29in	29.18in	-
Precipitation:	1.06in		

KNYLANCA3 Weather Graph for 12/13/2010



Tabular Data for December 13, 2010

Time	Temp.	Dew Point	Pressure	Wind	Wind Speed	Wind Gust	Humidity	Rainfall Rate (Hourly)
00:10	32.0 °F	24.0 °F	29.21in	Calm		0.0mph	72%	0.00in
00:20	31.8 °F	23.1 °F	29.20in	Calm		0.0mph	70%	0.01in
00:30	31.6 °F	23.3 °F	29.20in	Calm		0.0mph	71%	0.01in
00:40	31.3 °F	22.9 °F	29.19in	Calm		0.0mph	71%	0.01in
00:50	31.1 °F	22.8 °F	29.19in	Calm		0.0mph	71%	0.01in
01:00	31.1 °F	22.8 °F	29.18in	Calm		0.0mph	71%	0.01in
01:09	30.9 °F	22.6 °F	29.19in	Calm		0.0mph	71%	0.01in
01:20	30.7 °F	22.4 °F	29.19in	Calm		0.0mph	71%	0.00in

01:30	30.6 °F	21.9 °F	29.20in	Calm	0.0mph	70%	0.00in
01:40	30.4 °F	22.1 °F	29.20in	Calm	0.0mph	71%	0.00in
01:50	30.2 °F	22.2 °F	29.20in	Calm	0.0mph	72%	0.00in
01:59	29.8 °F	21.9 °F	29.21in	Calm	0.0mph	72%	0.00in
02:10	29.7 °F	22.1 °F	29.21in	Calm	0.0mph	73%	0.00in
02:20	29.5 °F	22.2 °F	29.21in	Calm	0.0mph	74%	0.00in
02:30	29.3 °F	22.4 °F	29.22in	Calm	0.0mph	75%	0.00in
02:40	28.8 °F	21.8 °F	29.22in	Calm	0.0mph	75%	0.00in
02:50	28.6 °F	22.3 °F	29.21in	Calm	0.0mph	77%	0.00in
02:59	28.4 °F	21.8 °F	29.22in	Calm	0.0mph	76%	0.00in
03:10	27.5 °F	20.9 °F	29.23in	Calm	0.0mph	76%	0.00in
03:19	26.4 °F	19.9 °F	29.24in	Calm	0.0mph	76%	0.00in
03:30	25.5 °F	19.3 °F	29.25in	Calm	0.0mph	77%	0.00in
03:40	24.6 °F	18.5 °F	29.25in	Calm	0.0mph	77%	0.00in
03:50	23.7 °F	17.9 °F	29.26in	Calm	0.0mph	78%	0.00in
04:00	23.0 °F	17.2 °F	29.27in	Calm	0.0mph	78%	0.00in
04:10	21.9 °F	16.2 °F	29.28in	Calm	0.0mph	78%	0.00in
04:20	21.6 °F	15.8 °F	29.29in	Calm	0.0mph	78%	0.00in
04:30	21.2 °F	15.2 °F	29.29in	Calm	0.0mph	77%	0.00in
04:40	20.8 °F	14.8 °F	29.30in	Calm	0.0mph	77%	0.00in
04:49	20.5 °F	14.2 °F	29.30in	Calm	0.0mph	76%	0.00in
05:00	20.1 °F	13.8 °F	29.31in	Calm	0.0mph	76%	0.00in
05:10	19.9 °F	13.3 °F	29.31in	Calm	0.0mph	75%	0.00in
05:19	19.8 °F	12.6 °F	29.31in	Calm	0.0mph	73%	0.00in
05:30	19.4 °F	11.9 °F	29.32in	Calm	0.0mph	72%	0.00in
05:40	19.0 °F	11.2 °F	29.32in	Calm	0.0mph	71%	0.00in
05:50	18.9 °F	10.7 °F	29.33in	Calm	0.0mph	70%	0.00in
05:59	18.5 °F	10.4 °F	29.34in	Calm	0.0mph	70%	0.00in
06:10	18.3 °F	10.2 °F	29.34in	Calm	0.0mph	70%	0.00in
06:20	18.1 °F	10.4 °F	29.34in	Calm	0.0mph	71%	0.00in
06:30	18.0 °F	10.2 °F	29.35in	Calm	0.0mph	71%	0.00in
06:40	17.6 °F	10.2 °F	29.35in	Calm	0.0mph	72%	0.00in
06:50	17.4 °F	9.7 °F	29.36in	Calm	0.0mph	71%	0.00in
06:59	17.2 °F	9.5 °F	29.36in	Calm	0.0mph	71%	0.00in
07:10	16.5 °F	7.9 °F	29.36in	Calm	0.0mph	68%	0.00in
07:19	16.2 °F	7.5 °F	29.37in	Calm	0.0mph	68%	0.00in
07:30	15.8 °F	7.2 °F	29.37in	Calm	0.0mph	68%	0.00in
07:40	15.6 °F	7.3 °F	29.37in	Calm	0.0mph	69%	0.00in
07:50	15.4 °F	6.5 °F	29.38in	Calm	0.0mph	67%	0.00in
08:00	15.1 °F	5.1 °F	29.38in	Calm	0.0mph	64%	0.00in
08:10	14.7 °F	4.4 °F	29.38in	Calm	0.0mph	63%	0.00in
08:20	14.5 °F	4.6 °F	29.39in	Calm	0.0mph	64%	0.00in
08:30	14.4 °F	4.5 °F	29.40in	Calm	0.0mph	64%	0.00in
08:40	14.2 °F	4.6 °F	29.40in	Calm	0.0mph	65%	0.00in

08:50	14.2 °F	5.3 °F	29.40in	Calm	0.0mph	67%	0.00in
09:00	14.2 °F	5.0 °F	29.41in	Calm	0.0mph	66%	0.00in
09:09	14.0 °F	3.8 °F	29.42in	Calm	0.0mph	63%	0.00in
09:20	14.2 °F	3.9 °F	29.42in	Calm	0.0mph	63%	0.00in
09:29	14.2 °F	5.3 °F	29.43in	Calm	0.0mph	67%	0.00in
09:40	14.2 °F	5.0 °F	29.43in	Calm	0.0mph	66%	0.00in
09:50	14.5 °F	4.3 °F	29.44in	Calm	0.0mph	63%	0.00in
10:00	14.5 °F	4.3 °F	29.44in	Calm	0.0mph	63%	0.00in
10:10	14.5 °F	3.9 °F	29.45in	Calm	0.0mph	62%	0.00in
10:19	14.4 °F	3.0 °F	29.46in	Calm	0.0mph	60%	0.00in
10:30	14.4 °F	3.4 °F	29.45in	Calm	0.0mph	61%	0.00in
10:40	14.5 °F	2.8 °F	29.47in	Calm	0.0mph	59%	0.00in
10:50	14.0 °F	2.7 °F	29.47in	Calm	0.0mph	60%	0.00in
10:59	14.0 °F	2.3 °F	29.47in	Calm	0.0mph	59%	0.00in
11:10	13.8 °F	2.5 °F	29.47in	Calm	0.0mph	60%	0.00in
11:20	14.0 °F	3.8 °F	29.47in	Calm	0.0mph	63%	0.00in
11:30	13.8 °F	3.9 °F	29.47in	Calm	0.0mph	64%	0.00in
11:40	13.6 °F	4.8 °F	29.47in	Calm	0.0mph	67%	0.00in
11:49	13.5 °F	4.6 °F	29.47in	Calm	0.0mph	67%	0.00in
12:00	14.0 °F	3.8 °F	29.48in	Calm	0.0mph	63%	0.00in
12:09	14.0 °F	3.4 °F	29.48in	Calm	0.0mph	62%	0.00in
12:20	13.8 °F	3.9 °F	29.47in	Calm	0.0mph	64%	0.00in
12:29	13.3 °F	3.1 °F	29.48in	Calm	0.0mph	63%	0.00in
12:40	12.6 °F	3.1 °F	29.48in	Calm	0.0mph	65%	0.00in
12:49	12.4 °F	3.6 °F	29.49in	Calm	0.0mph	67%	0.00in
13:00	12.6 °F	2.8 °F	29.49in	Calm	0.0mph	64%	0.00in
13:10	12.6 °F	1.3 °F	29.49in	Calm	0.0mph	60%	0.00in
13:20	12.0 °F	0.5 °F	29.49in	Calm	0.0mph	59%	0.00in
13:30	11.8 °F	0.3 °F	29.49in	Calm	0.0mph	59%	0.00in
13:40	11.8 °F	0.3 °F	29.50in	Calm	0.0mph	59%	0.00in
13:50	11.7 °F	-0.2 °F	29.51in	Calm	0.0mph	58%	0.00in
14:00	11.3 °F	-0.6 °F	29.51in	Calm	0.0mph	58%	0.00in
14:09	11.1 °F	-0.7 °F	29.51in	Calm	0.0mph	58%	0.00in
14:20	11.1 °F	-0.4 °F	29.52in	Calm	0.0mph	59%	0.00in
14:30	10.9 °F	-0.2 °F	29.52in	South 6.2mph	20.6mph	60%	0.00in
14:40	11.1 °F	0.0 °F	29.53in	South 9.8mph	12.1mph	60%	0.00in
14:50	11.3 °F	0.2 °F	29.53in	South 9.0mph	18.3mph	60%	0.00in
15:00	10.9 °F	0.5 °F	29.54in	South 10.8mph	14.5mph	62%	0.00in
15:09	10.6 °F	0.6 °F	29.54in	South 12.1mph	15.9mph	63%	0.00in
15:20	10.6 °F	0.9 °F	29.54in	South 9.6mph	15.2mph	64%	0.00in
15:29	10.4 °F	1.1 °F	29.55in	South 10.2mph	16.8mph	65%	0.00in
15:40	10.0 °F	1.4 °F	29.56in	South 10.0mph	13.6mph	67%	0.00in
15:50	10.0 °F	2.0 °F	29.56in	South 9.2mph	11.4mph	69%	0.00in
16:00	9.7 °F	1.0 °F	29.56in	South 10.3mph	15.2mph	67%	0.00in

16:10	9.7 °F	1.0 °F	29.57in	South	8.4mph	15.2mph	67%	0.00in
16:19	9.5 °F	1.5 °F	29.57in	South	8.2mph	10.7mph	69%	0.00in
16:30	9.5 °F	2.1 °F	29.58in	South	5.0mph	9.2mph	71%	0.00in
16:40	9.5 °F	1.8 °F	29.58in	South	6.4mph	9.8mph	70%	0.00in
16:49	9.5 °F	2.1 °F	29.58in	South	5.1mph	8.3mph	71%	0.00in
16:59	9.5 °F	2.1 °F	29.58in	South	5.2mph	7.6mph	71%	0.00in
17:10	9.5 °F	2.1 °F	29.58in	South	6.5mph	12.1mph	71%	0.00in
17:19	9.5 °F	2.4 °F	29.58in	South	5.8mph	9.2mph	72%	0.00in
17:30	9.5 °F	2.1 °F	29.58in	South	9.3mph	12.1mph	71%	0.00in
17:40	9.7 °F	2.3 °F	29.58in	South	8.4mph	13.0mph	71%	0.00in
17:50	9.7 °F	2.3 °F	29.59in	South	8.3mph	14.5mph	71%	0.00in
17:59	9.9 °F	2.8 °F	29.59in	South	11.5mph	15.2mph	72%	0.00in
18:10	9.9 °F	2.8 °F	29.59in	South	9.3mph	13.6mph	72%	0.00in
18:20	10.0 °F	3.2 °F	29.59in	South	10.2mph	15.2mph	73%	0.00in
18:30	10.2 °F	3.4 °F	29.59in	South	8.8mph	13.0mph	73%	0.00in
18:40	10.2 °F	3.7 °F	29.58in	South	8.5mph	13.0mph	74%	0.00in
18:49	10.2 °F	4.0 °F	29.59in	South	8.3mph	13.0mph	75%	0.00in
19:00	10.4 °F	4.2 °F	29.59in	South	7.8mph	14.5mph	75%	0.00in
19:10	10.6 °F	4.6 °F	29.59in	South	5.8mph	8.3mph	76%	0.00in
19:20	10.8 °F	5.1 °F	29.59in	South	4.8mph	8.3mph	77%	0.00in
19:30	10.8 °F	5.1 °F	29.59in	South	4.9mph	6.9mph	77%	0.00in
19:39	10.8 °F	5.1 °F	29.59in	South	6.1mph	11.4mph	77%	0.00in
19:50	10.9 °F	5.3 °F	29.59in	South	5.3mph	9.2mph	77%	0.00in
19:59	10.9 °F	5.5 °F	29.60in	South	5.3mph	6.9mph	78%	0.00in
20:09	11.1 °F	5.7 °F	29.60in	South	7.6mph	11.4mph	78%	0.00in
20:20	11.1 °F	5.7 °F	29.60in	South	7.2mph	10.7mph	78%	0.00in
20:29	11.1 °F	5.7 °F	29.61in	South	5.9mph	9.8mph	78%	0.00in
20:39	11.3 °F	5.9 °F	29.60in	South	5.4mph	11.4mph	78%	0.00in
20:50	11.3 °F	5.9 °F	29.60in	South	5.0mph	8.3mph	78%	0.00in
21:00	11.5 °F	6.3 °F	29.61in	South	5.8mph	8.3mph	79%	0.00in
21:10	11.5 °F	6.3 °F	29.61in	South	4.4mph	8.3mph	79%	0.00in
21:19	11.7 °F	6.5 °F	29.61in	South	6.2mph	8.3mph	79%	0.00in
21:30	11.7 °F	6.5 °F	29.61in	South	6.8mph	8.3mph	79%	0.00in
21:40	11.7 °F	6.5 °F	29.61in	South	6.2mph	8.3mph	79%	0.00in
21:50	11.5 °F	6.3 °F	29.61in	South	8.2mph	13.0mph	79%	0.00in
21:59	11.5 °F	6.1 °F	29.61in	South	7.9mph	14.5mph	78%	0.00in
22:09	11.5 °F	6.1 °F	29.61in	South	9.7mph	15.9mph	78%	0.00in
22:20	11.3 °F	5.9 °F	29.61in	South	8.0mph	11.4mph	78%	0.00in
22:30	11.1 °F	5.7 °F	29.60in	South	7.3mph	10.7mph	78%	0.00in
22:39	11.3 °F	5.9 °F	29.61in	South	7.3mph	9.8mph	78%	0.00in
22:50	11.3 °F	5.9 °F	29.61in	South	7.9mph	12.1mph	78%	0.00in
22:59	11.5 °F	6.1 °F	29.61in	South	7.7mph	11.4mph	78%	0.00in
23:10	11.5 °F	6.1 °F	29.61in	South	7.4mph	9.8mph	78%	0.00in
23:20	11.5 °F	6.1 °F	29.61in	South	5.6mph	9.2mph	78%	0.00in

23:30	11.5 °F	6.1 °F	29.61in	South	6.8mph	12.1mph	78%	0.00in
23:40	11.3 °F	5.9 °F	29.61in	South	7.9mph	10.7mph	78%	0.00in
23:49	11.3 °F	5.9 °F	29.61in	South	8.1mph	12.1mph	78%	0.00in
23:59	11.3 °F	5.9 °F	29.60in	South	7.4mph	9.8mph	78%	0.00in

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History for KNYLANCA3

South Lancaster, Lancaster, NY — [Current Conditions](#)

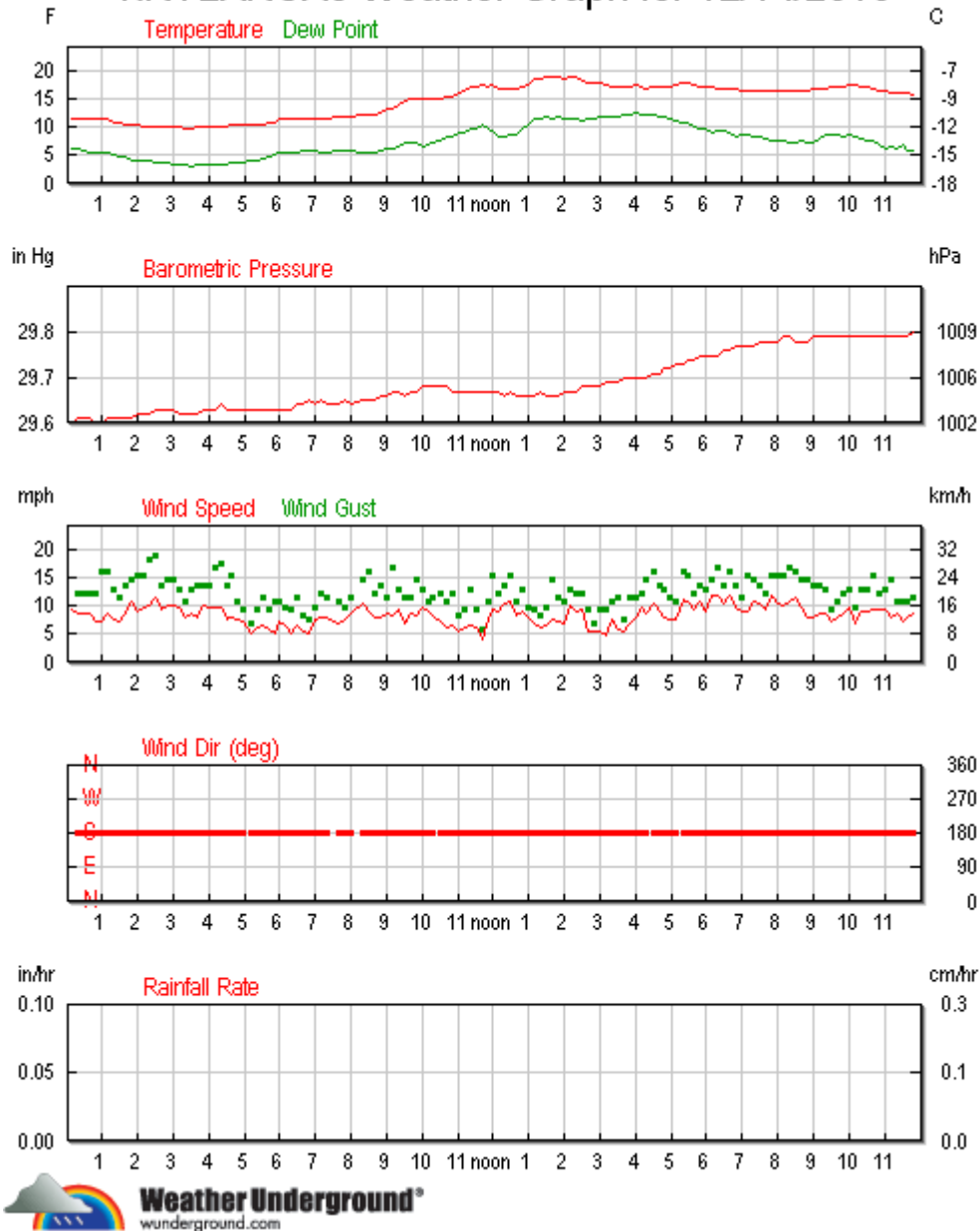
Daily Summary for December 14, 2010

	Current:	High:	Low:	Average:
Temperature:	23.9 °F	18.5 °F	9.3 °F	14.1 °F
Dew Point:	13.8 °F	11.9 °F	2.5 °F	7.0 °F
Humidity:	65%	81%	64%	73%
Wind Speed:	8.1mph	11.8mph	-	8.3mph
Wind Gust:	15.2mph	19.0mph	-	-
Wind:	South	-	-	South
Pressure:	29.70in	29.80in	29.60in	-
Precipitation:	0.00in			

Statistics for the rest of the month:

	High:	Low:	Average:
Temperature:	54.3 °F	-0.6 °F	25.3 °F
Dew Point:	51.1 °F	-7.2 °F	16.9 °F
Humidity:	94.0%	27.0%	71.4%
Wind Speed:	17.9mph from the West	-	5.9mph
Wind Gust:	26.6mph from the West	-	-
Wind:	-	-	SW
Pressure:	30.29in	29.18in	-
Precipitation:	1.06in		

KNYLANCA3 Weather Graph for 12/14/2010



Tabular Data for December 14, 2010

Time	Temp.	Dew Point	Pressure	Wind	Wind Speed	Wind Gust	Humidity	Rainfall Rate (Hourly)
00:09	11.1 °F	5.7 °F	29.60in	South	9.5mph	12.1mph	78%	0.00in
00:20	11.1 °F	5.7 °F	29.61in	South	8.8mph	12.1mph	78%	0.00in
00:30	10.9 °F	5.5 °F	29.61in	South	8.7mph	12.1mph	78%	0.00in
00:40	10.8 °F	5.1 °F	29.61in	South	8.6mph	12.1mph	77%	0.00in
00:49	10.8 °F	5.1 °F	29.60in	South	7.2mph	12.1mph	77%	0.00in
00:59	10.8 °F	5.1 °F	29.60in	South	7.2mph	15.9mph	77%	0.00in
01:09	10.8 °F	4.8 °F	29.61in	South	8.7mph	15.9mph	76%	0.00in
01:20	10.4 °F	4.5 °F	29.61in	South	7.6mph	13.0mph	76%	0.00in

01:30	10.2 °F	4.3 °F	29.61in	South	7.3mph	11.4mph	76%	0.00in
01:40	10.0 °F	4.1 °F	29.61in	South	8.5mph	13.6mph	76%	0.00in
01:49	9.9 °F	3.6 °F	29.61in	South	10.6mph	14.5mph	75%	0.00in
01:59	9.9 °F	3.6 °F	29.62in	South	8.9mph	15.2mph	75%	0.00in
02:10	9.7 °F	3.5 °F	29.62in	South	9.8mph	15.2mph	75%	0.00in
02:20	9.7 °F	3.5 °F	29.62in	South	10.1mph	18.3mph	75%	0.00in
02:30	9.7 °F	3.2 °F	29.63in	South	11.5mph	19.0mph	74%	0.00in
02:40	9.7 °F	3.2 °F	29.63in	South	9.3mph	13.6mph	74%	0.00in
02:50	9.7 °F	3.2 °F	29.63in	South	9.9mph	14.5mph	74%	0.00in
03:00	9.5 °F	3.0 °F	29.63in	South	9.9mph	14.5mph	74%	0.00in
03:10	9.5 °F	3.0 °F	29.62in	South	9.6mph	13.0mph	74%	0.00in
03:20	9.3 °F	2.8 °F	29.62in	South	8.1mph	10.7mph	74%	0.00in
03:30	9.3 °F	2.5 °F	29.62in	South	8.5mph	13.0mph	73%	0.00in
03:40	9.5 °F	3.0 °F	29.62in	South	8.0mph	13.6mph	74%	0.00in
03:50	9.5 °F	3.0 °F	29.63in	South	10.2mph	13.6mph	74%	0.00in
03:59	9.5 °F	2.7 °F	29.63in	South	9.6mph	13.6mph	73%	0.00in
04:09	9.7 °F	2.9 °F	29.63in	South	9.8mph	16.8mph	73%	0.00in
04:20	9.7 °F	2.9 °F	29.64in	South	9.8mph	17.4mph	73%	0.00in
04:30	9.7 °F	2.9 °F	29.63in	South	7.5mph	13.6mph	73%	0.00in
04:39	9.9 °F	3.1 °F	29.63in	South	8.0mph	15.2mph	73%	0.00in
04:49	9.9 °F	3.1 °F	29.63in	South	7.6mph	10.7mph	73%	0.00in
04:59	9.9 °F	3.1 °F	29.63in	South	7.2mph	9.2mph	73%	0.00in
05:10	9.9 °F	3.4 °F	29.63in	South	5.0mph	6.9mph	74%	0.00in
05:20	10.0 °F	3.5 °F	29.63in	South	6.3mph	9.2mph	74%	0.00in
05:30	10.0 °F	3.8 °F	29.63in	South	6.5mph	11.4mph	75%	0.00in
05:40	10.2 °F	4.3 °F	29.63in	South	5.7mph	9.2mph	76%	0.00in
05:50	10.4 °F	4.5 °F	29.63in	South	5.0mph	10.7mph	76%	0.00in
06:00	10.8 °F	4.8 °F	29.63in	South	7.4mph	10.7mph	76%	0.00in
06:10	10.8 °F	4.8 °F	29.63in	South	6.5mph	9.8mph	76%	0.00in
06:19	10.8 °F	4.8 °F	29.63in	South	5.0mph	9.2mph	76%	0.00in
06:30	10.8 °F	4.8 °F	29.64in	South	6.6mph	11.4mph	76%	0.00in
06:40	10.9 °F	5.3 °F	29.64in	South	5.5mph	8.3mph	77%	0.00in
06:50	10.9 °F	5.3 °F	29.65in	South	5.0mph	7.6mph	77%	0.00in
07:00	11.1 °F	5.4 °F	29.64in	South	7.5mph	9.8mph	77%	0.00in
07:09	11.1 °F	5.1 °F	29.65in	South	8.1mph	12.1mph	76%	0.00in
07:20	11.1 °F	5.1 °F	29.64in	South	7.9mph	11.4mph	76%	0.00in
07:40	11.3 °F	5.3 °F	29.64in	South	7.0mph	10.7mph	76%	0.00in
07:50	11.3 °F	5.3 °F	29.65in	South	7.5mph	9.8mph	76%	0.00in
08:00	11.5 °F	5.5 °F	29.64in	South	8.8mph	11.4mph	76%	0.00in
08:20	11.7 °F	5.1 °F	29.65in	South	10.4mph	14.5mph	74%	0.00in
08:30	11.7 °F	5.1 °F	29.65in	South	9.0mph	15.9mph	74%	0.00in
08:40	11.7 °F	5.1 °F	29.65in	South	8.1mph	12.1mph	74%	0.00in
08:50	12.2 °F	5.3 °F	29.66in	South	7.8mph	13.6mph	73%	0.00in
09:00	12.7 °F	5.8 °F	29.66in	South	8.6mph	11.4mph	73%	0.00in

09:10	12.9 °F	5.7 °F	29.67in	South	8.4mph	16.8mph	72%	0.00in
09:20	13.3 °F	6.0 °F	29.67in	South	9.3mph	13.0mph	72%	0.00in
09:30	14.0 °F	6.7 °F	29.66in	South	7.0mph	11.4mph	72%	0.00in
09:39	14.4 °F	6.8 °F	29.67in	South	8.8mph	11.4mph	71%	0.00in
09:50	14.5 °F	6.6 °F	29.67in	South	8.3mph	14.5mph	70%	0.00in
10:00	14.4 °F	6.1 °F	29.68in	South	9.6mph	13.0mph	69%	0.00in
10:10	14.4 °F	6.4 °F	29.68in	South	9.0mph	10.7mph	70%	0.00in
10:19	14.5 °F	6.9 °F	29.68in	South	8.4mph	11.4mph	71%	0.00in
10:30	14.4 °F	7.1 °F	29.68in	South	7.4mph	12.1mph	72%	0.00in
10:40	14.7 °F	7.7 °F	29.68in	South	6.2mph	10.7mph	73%	0.00in
10:50	14.9 °F	7.9 °F	29.67in	South	6.7mph	12.1mph	73%	0.00in
11:00	15.4 °F	8.4 °F	29.67in	South	5.3mph	8.3mph	73%	0.00in
11:10	15.8 °F	8.5 °F	29.67in	South	6.2mph	9.2mph	72%	0.00in
11:20	16.5 °F	9.1 °F	29.67in	South	6.4mph	13.0mph	72%	0.00in
11:30	16.5 °F	9.1 °F	29.67in	South	6.1mph	9.2mph	72%	0.00in
11:40	16.9 °F	9.8 °F	29.67in	South	4.0mph	6.0mph	73%	0.00in
11:50	16.5 °F	9.1 °F	29.67in	South	7.6mph	10.7mph	72%	0.00in
12:00	16.9 °F	8.8 °F	29.67in	South	9.3mph	15.2mph	70%	0.00in
12:09	16.3 °F	7.7 °F	29.67in	South	8.9mph	12.1mph	68%	0.00in
12:20	16.3 °F	7.7 °F	29.66in	South	10.5mph	13.6mph	68%	0.00in
12:29	16.3 °F	8.0 °F	29.67in	South	10.7mph	15.2mph	69%	0.00in
12:39	16.3 °F	8.3 °F	29.66in	South	8.2mph	10.7mph	70%	0.00in
12:49	16.5 °F	9.1 °F	29.66in	South	8.9mph	13.0mph	72%	0.00in
12:59	17.1 °F	10.0 °F	29.66in	South	7.8mph	9.8mph	73%	0.00in
13:10	18.0 °F	11.1 °F	29.66in	South	7.0mph	9.2mph	74%	0.00in
13:19	18.0 °F	11.1 °F	29.67in	South	6.1mph	8.3mph	74%	0.00in
13:29	18.3 °F	11.5 °F	29.66in	South	6.7mph	9.8mph	74%	0.00in
13:40	18.5 °F	11.0 °F	29.66in	South	7.7mph	14.5mph	72%	0.00in
13:50	18.3 °F	11.2 °F	29.66in	South	7.1mph	11.4mph	73%	0.00in
14:00	18.1 °F	11.0 °F	29.67in	South	7.0mph	10.7mph	73%	0.00in
14:10	18.3 °F	10.9 °F	29.67in	South	10.0mph	13.0mph	72%	0.00in
14:20	18.5 °F	11.0 °F	29.67in	South	9.0mph	12.1mph	72%	0.00in
14:30	17.6 °F	10.5 °F	29.68in	South	9.3mph	12.1mph	73%	0.00in
14:39	17.4 °F	10.9 °F	29.68in	South	5.4mph	9.2mph	75%	0.00in
14:50	17.2 °F	11.0 °F	29.68in	South	5.3mph	6.9mph	76%	0.00in
15:00	17.2 °F	11.3 °F	29.68in	South	5.5mph	9.2mph	77%	0.00in
15:10	16.9 °F	11.3 °F	29.69in	South	4.6mph	9.2mph	78%	0.00in
15:20	16.5 °F	11.2 °F	29.69in	South	7.6mph	10.7mph	79%	0.00in
15:30	16.5 °F	11.2 °F	29.69in	South	6.0mph	11.4mph	79%	0.00in
15:40	16.7 °F	11.7 °F	29.70in	South	5.4mph	7.6mph	80%	0.00in
15:50	16.7 °F	11.7 °F	29.70in	South	6.9mph	11.4mph	80%	0.00in
16:00	16.9 °F	11.9 °F	29.70in	South	8.1mph	11.4mph	80%	0.00in
16:09	16.7 °F	11.7 °F	29.70in	South	9.6mph	12.1mph	80%	0.00in
16:19	16.3 °F	11.6 °F	29.70in	South	8.6mph	14.5mph	81%	0.00in

16:30	16.5 °F	11.8 °F	29.71in	South	10.5mph	15.9mph	81%	0.00in
16:40	16.5 °F	11.5 °F	29.71in	South	9.1mph	13.6mph	80%	0.00in
16:49	16.7 °F	11.4 °F	29.72in	South	8.1mph	13.0mph	79%	0.00in
16:59	16.7 °F	10.8 °F	29.72in	South	7.6mph	11.4mph	77%	0.00in
17:09	16.9 °F	10.7 °F	29.73in	South	7.5mph	10.7mph	76%	0.00in
17:20	17.2 °F	10.4 °F	29.73in	South	11.0mph	15.9mph	74%	0.00in
17:29	17.2 °F	10.1 °F	29.74in	South	10.8mph	15.2mph	73%	0.00in
17:39	17.1 °F	9.7 °F	29.74in	South	9.4mph	12.1mph	72%	0.00in
17:49	16.7 °F	9.3 °F	29.75in	South	10.9mph	13.6mph	72%	0.00in
18:00	16.7 °F	9.3 °F	29.75in	South	9.1mph	13.0mph	72%	0.00in
18:09	16.5 °F	8.5 °F	29.75in	South	11.8mph	14.5mph	70%	0.00in
18:19	16.2 °F	8.8 °F	29.75in	South	11.7mph	16.8mph	72%	0.00in
18:30	16.3 °F	9.0 °F	29.76in	South	10.5mph	13.6mph	72%	0.00in
18:40	16.2 °F	8.5 °F	29.76in	South	11.8mph	15.9mph	71%	0.00in
18:50	16.2 °F	7.8 °F	29.77in	South	9.7mph	13.6mph	69%	0.00in
18:59	16.0 °F	8.0 °F	29.77in	South	9.0mph	11.4mph	70%	0.00in
19:10	16.0 °F	8.0 °F	29.77in	South	8.9mph	15.2mph	70%	0.00in
19:20	16.0 °F	7.7 °F	29.77in	South	10.6mph	14.5mph	69%	0.00in
19:30	16.0 °F	7.7 °F	29.78in	South	10.5mph	13.6mph	69%	0.00in
19:40	16.0 °F	7.3 °F	29.78in	South	9.4mph	12.1mph	68%	0.00in
19:50	16.0 °F	7.0 °F	29.78in	South	11.8mph	15.2mph	67%	0.00in
20:00	16.0 °F	7.0 °F	29.78in	South	10.3mph	15.2mph	67%	0.00in
20:10	16.0 °F	7.0 °F	29.79in	South	10.1mph	15.2mph	67%	0.00in
20:19	16.0 °F	6.7 °F	29.79in	South	10.7mph	16.8mph	66%	0.00in
20:30	16.0 °F	6.7 °F	29.78in	South	11.4mph	15.9mph	66%	0.00in
20:39	16.0 °F	7.0 °F	29.78in	South	9.6mph	14.5mph	67%	0.00in
20:49	16.0 °F	6.7 °F	29.78in	South	8.0mph	14.5mph	66%	0.00in
21:00	16.2 °F	6.8 °F	29.79in	South	8.1mph	13.6mph	66%	0.00in
21:10	16.2 °F	7.5 °F	29.79in	South	8.8mph	13.6mph	68%	0.00in
21:20	16.3 °F	8.0 °F	29.79in	South	8.8mph	13.0mph	69%	0.00in
21:30	16.5 °F	8.2 °F	29.79in	South	7.4mph	9.2mph	69%	0.00in
21:40	16.7 °F	8.0 °F	29.79in	South	7.8mph	10.7mph	68%	0.00in
21:50	16.7 °F	7.7 °F	29.79in	South	8.6mph	12.1mph	67%	0.00in
21:59	16.9 °F	8.2 °F	29.79in	South	9.7mph	13.0mph	68%	0.00in
22:10	16.9 °F	7.9 °F	29.79in	South	6.9mph	9.8mph	67%	0.00in
22:20	16.7 °F	7.4 °F	29.79in	South	9.0mph	13.0mph	66%	0.00in
22:30	16.5 °F	7.2 °F	29.79in	South	8.9mph	13.0mph	66%	0.00in
22:40	16.3 °F	7.0 °F	29.79in	South	9.2mph	15.2mph	66%	0.00in
22:50	16.0 °F	6.3 °F	29.79in	South	9.4mph	12.1mph	65%	0.00in
23:00	15.8 °F	5.8 °F	29.79in	South	9.5mph	13.0mph	64%	0.00in
23:10	15.6 °F	6.0 °F	29.79in	South	8.1mph	14.5mph	65%	0.00in
23:20	15.4 °F	5.8 °F	29.79in	South	8.8mph	10.7mph	65%	0.00in
23:30	15.6 °F	6.3 °F	29.79in	South	7.1mph	10.7mph	66%	0.00in
23:39	15.4 °F	5.5 °F	29.79in	South	8.1mph	10.7mph	64%	0.00in

23:49 15.3 °F 5.3 °F 29.80in South 8.8mph 11.4mph 64% 0.00in

[Comma Delimited File](#)



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ATTACHMENT 2

Analytical Laboratory Data

Analytical Report

Work Order: RTL1033

Project Description

Scott Aviation site - TO-15 analysis

For:

Dino Zack

AECOM - Amherst, NY

100 Corporate Pkwy-Univ Centre

Amherst, NY 14226



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Tuesday, January 4, 2011

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

TestAmerica Buffalo Current Certifications

As of 08/16/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA, RCRA	NY200003
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTL1033

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTL1033

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

DATA QUALIFIERS AND DEFINITIONS

- * Recovery or RPD exceeds control limits
- ^ Instrument related QC exceeds the control limits
- U Indicates the analyte was analyzed for but not detected.
- NR Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTL1033
Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1033-01 (A2-SV01 - Air)						Sampled: 12/14/10 13:00		Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air</u>										
Benzene	0.88		0.64	0.16	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Dichlorodifluoromethane	2.8		2.5	0.059	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
m,p-Xylene	2.3		2.2	0.10	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
n-Hexane	0.86		0.70	0.081	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Tetrachloroethene	3.1		1.4	0.12	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Toluene	3.7		0.75	0.19	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Xylene (total)	3.4		0.87	0.65	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Xylene, o-	1.1		0.87	0.22	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Sample ID: RTL1033-02 (A2-SV02 - Air)						Sampled: 12/14/10 13:10		Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air</u>										
Benzene	0.97		0.64	0.16	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Chloroform	4.0		0.98	0.24	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Dichlorodifluoromethane	2.9		2.5	0.059	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
n-Hexane	0.86		0.70	0.081	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Toluene	1.8		0.75	0.19	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Trichlorofluoromethane	1.5		1.1	0.28	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Xylene (total)	0.96		0.87	0.65	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Sample ID: RTL1033-03 (A2-SV03 - Air)						Sampled: 12/14/10 12:38		Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air</u>										
Benzene	1.2		0.64	0.16	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Chloroform	5.5		0.98	0.24	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Dichlorodifluoromethane	2.8		2.5	0.059	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
m,p-Xylene	2.6		2.2	0.10	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
n-Hexane	1.4		0.70	0.081	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Toluene	4.7		0.75	0.19	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Trichloroethene	1.2		1.1	0.075	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Xylene (total)	3.4		0.87	0.65	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Sample ID: RTL1033-04 (A2-AV01 - Air)						Sampled: 12/14/10 10:20		Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air, Low Con</u>										
Benzene	0.20		0.13	0.13	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Carbon tetrachloride	0.35		0.25	0.25	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Cyclohexane	0.15		0.14	0.14	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Dichlorodifluoromethane	2.8		0.20	0.20	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Trichlorofluoromethane	1.1		0.22	0.22	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Sample ID: RTL1033-05 (MW-31-DUP - Air)						Sampled: 12/14/10 09:00		Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air, Low Con</u>										
Benzene	0.61		0.13	0.13	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Carbon tetrachloride	0.47		0.25	0.25	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Cyclohexane	0.31		0.14	0.14	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Dichlorodifluoromethane	2.6		0.20	0.20	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN

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Amherst, NY 14226

Work Order: RTL1033

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1033-05 (MW-31-DUP - Air) - cont.					Sampled: 12/14/10 09:00			Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air, Low Con - cont.</u>										
Ethylbenzene	0.19		0.17	0.17	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
m-Xylene & p-Xylene	0.56		0.35	0.35	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
n-Heptane	0.22		0.16	0.16	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
n-Hexane	0.42		0.28	0.28	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
o-Xylene	0.18		0.17	0.17	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Toluene	1.5		0.15	0.15	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Trichlorofluoromethane	1.2		0.22	0.22	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Xylenes, Total	0.74		0.17	0.17	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN

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Work Order: RTL1033

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
A2-SV01	RTL1033-01	Air	12/14/10 13:00	12/14/10 14:43	
A2-SV02	RTL1033-02	Air	12/14/10 13:10	12/14/10 14:43	
A2-SV03	RTL1033-03	Air	12/14/10 12:38	12/14/10 14:43	
A2-AV01	RTL1033-04	Air	12/14/10 10:20	12/14/10 14:43	
MW-31-DUP	RTL1033-05	Air	12/14/10 09:00	12/14/10 14:43	

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Work Order: RTL1033
Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1033-01 (A2-SV01 - Air)			Sampled: 12/14/10 13:00				Recvd: 12/14/10 14:43			
<u>Volatile Organic Compounds in Ambient Air</u>										
1,1,1-Trichloroethane	ND	U	1.1	0.27	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,1,2,2-Tetrachloroethane	ND	U	1.4	0.34	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,1,2-Trichloroethane	ND	U	1.1	0.27	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,1-Dichloroethane	ND	U	0.81	0.053	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,1-Dichloroethene	ND	U	0.79	0.059	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,2-Dibromoethane	ND	U	1.5	0.092	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,2-Dichloroethane	ND	U	0.81	0.061	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,2-Dichloroethene, Total	ND	U	0.79	0.40	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,2-Dichloropropane	ND	U	0.92	0.074	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,2-Dichlorotetrafluoroethane	ND	U	1.4	0.084	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,3,5-Trimethylbenzene	ND	U	0.98	0.31	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
1,3-Butadiene	ND	U	0.44	0.060	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
2,2,4-Trimethylpentane	ND	U	0.93	0.061	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
3-Chloropropene	ND	U	1.6	0.091	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
4-Ethyltoluene	ND	U	0.98	0.31	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Benzene	0.88		0.64	0.16	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Bromodichloromethane	ND	U	1.3	0.34	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Bromoethene(Vinyl Bromide)	ND	U	0.87	0.22	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Bromoform	ND	U	2.1	0.52	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Bromomethane	ND	U	0.78	0.054	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Carbon tetrachloride	ND	U	1.3	0.31	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Chloroethane	ND	U	1.3	0.26	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Chloroform	ND	U	0.98	0.24	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
cis-1,2-Dichloroethene	ND	U	0.79	0.20	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
cis-1,3-Dichloropropene	ND	U	0.91	0.23	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Cyclohexane	ND	U	0.69	0.041	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Dibromochloromethane	ND	U	1.7	0.43	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Dichlorodifluoromethane	2.8		2.5	0.059	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Ethylbenzene	ND	U	0.87	0.061	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
m,p-Xylene	2.3		2.2	0.10	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Methyl tert-butyl ether	ND	U	0.72	0.047	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Methylene Chloride	ND	U	1.7	0.10	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
n-Heptane	ND	U	0.82	0.11	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
n-Hexane	0.86		0.70	0.081	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Tetrachloroethene	3.1		1.4	0.12	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Toluene	3.7		0.75	0.19	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
trans-1,2-Dichloroethene	ND	U	0.79	0.20	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
trans-1,3-Dichloropropene	ND	U	0.91	0.29	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Trichloroethene	ND	U	1.1	0.075	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Vinyl chloride	ND	U	0.51	0.064	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Xylene (total)	3.4		0.87	0.65	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1
Xylene, o-	1.1		0.87	0.22	ug/m3	1.00	12/18/10 01:27	WRD	11335	TO-15 LL1

AECOM - Amherst, NY
100 Corporate Pkwy-Univ Centre
Amherst, NY 14226

Work Order: RTL1033
Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1033-02 (A2-SV02 - Air)						Sampled: 12/14/10 13:10		Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air</u>										
1,1,1-Trichloroethane	ND	U	1.1	0.27	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,1,2,2-Tetrachloroethane	ND	U	1.4	0.34	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,1,2-Trichloroethane	ND	U	1.1	0.27	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,1-Dichloroethane	ND	U	0.81	0.053	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,1-Dichloroethene	ND	U	0.79	0.059	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,2-Dibromoethane	ND	U	1.5	0.092	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,2-Dichloroethane	ND	U	0.81	0.061	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,2-Dichloroethene, Total	ND	U	0.79	0.40	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,2-Dichloropropane	ND	U	0.92	0.074	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,2-Dichlorotetrafluoroethane	ND	U	1.4	0.084	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,3,5-Trimethylbenzene	ND	U	0.98	0.31	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
1,3-Butadiene	ND	U	0.44	0.060	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
2,2,4-Trimethylpentane	ND	U	0.93	0.061	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
3-Chloropropene	ND	U	1.6	0.091	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
4-Ethyltoluene	ND	U	0.98	0.31	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Benzene	0.97		0.64	0.16	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Bromodichloromethane	ND	U	1.3	0.34	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Bromoethene(Vinyl Bromide)	ND	U	0.87	0.22	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Bromoform	ND	U	2.1	0.52	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Bromomethane	ND	U	0.78	0.054	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Carbon tetrachloride	ND	U	1.3	0.31	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Chloroethane	ND	U	1.3	0.26	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Chloroform	4.0		0.98	0.24	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
cis-1,2-Dichloroethene	ND	U	0.79	0.20	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
cis-1,3-Dichloropropene	ND	U	0.91	0.23	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Cyclohexane	ND	U	0.69	0.041	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Dibromochloromethane	ND	U	1.7	0.43	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Dichlorodifluoromethane	2.9		2.5	0.059	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Ethylbenzene	ND	U	0.87	0.061	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
m,p-Xylene	ND	U	2.2	0.10	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Methyl tert-butyl ether	ND	U	0.72	0.047	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Methylene Chloride	ND	U	1.7	0.10	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
n-Heptane	ND	U	0.82	0.11	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
n-Hexane	0.86		0.70	0.081	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Tetrachloroethene	ND	U	1.4	0.12	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Toluene	1.8		0.75	0.19	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
trans-1,2-Dichloroethene	ND	U	0.79	0.20	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
trans-1,3-Dichloropropene	ND	U	0.91	0.29	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Trichloroethene	ND	U	1.1	0.075	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Trichlorofluoromethane	1.5		1.1	0.28	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Vinyl chloride	ND	U	0.51	0.064	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Xylene (total)	0.96		0.87	0.65	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1
Xylene, o-	ND	U	0.87	0.22	ug/m3	1.00	12/18/10 02:15	WRD	11335	TO-15 LL1

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Amherst, NY 14226

Work Order: RTL1033
Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1033-03 (A2-SV03 - Air)						Sampled: 12/14/10 12:38		Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air</u>										
1,1,1-Trichloroethane	ND	U	1.1	0.27	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,1,2,2-Tetrachloroethane	ND	U	1.4	0.34	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,1,2-Trichloroethane	ND	U	1.1	0.27	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,1-Dichloroethane	ND	U	0.81	0.053	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,1-Dichloroethene	ND	U	0.79	0.059	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,2-Dibromoethane	ND	U	1.5	0.092	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,2-Dichloroethane	ND	U	0.81	0.061	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,2-Dichloroethene, Total	ND	U	0.79	0.40	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,2-Dichloropropane	ND	U	0.92	0.074	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,2-Dichlorotetrafluoroethane	ND	U	1.4	0.084	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,3,5-Trimethylbenzene	ND	U	0.98	0.31	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
1,3-Butadiene	ND	U	0.44	0.060	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
2,2,4-Trimethylpentane	ND	U	0.93	0.061	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
3-Chloropropene	ND	U	1.6	0.091	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
4-Ethyltoluene	ND	U	0.98	0.31	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Benzene	1.2		0.64	0.16	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Bromodichloromethane	ND	U	1.3	0.34	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Bromoethene(Vinyl Bromide)	ND	U	0.87	0.22	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Bromoform	ND	U	2.1	0.52	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Bromomethane	ND	U	0.78	0.054	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Carbon tetrachloride	ND	U	1.3	0.31	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Chloroethane	ND	U	1.3	0.26	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Chloroform	5.5		0.98	0.24	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
cis-1,2-Dichloroethene	ND	U	0.79	0.20	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
cis-1,3-Dichloropropene	ND	U	0.91	0.23	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Cyclohexane	ND	U	0.69	0.041	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Dibromochloromethane	ND	U	1.7	0.43	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Dichlorodifluoromethane	2.8		2.5	0.059	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Ethylbenzene	ND	U	0.87	0.061	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
m,p-Xylene	2.6		2.2	0.10	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Methyl tert-butyl ether	ND	U	0.72	0.047	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Methylene Chloride	ND	U	1.7	0.10	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
n-Heptane	ND	U	0.82	0.11	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
n-Hexane	1.4		0.70	0.081	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Tetrachloroethene	ND	U	1.4	0.12	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Toluene	4.7		0.75	0.19	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
trans-1,2-Dichloroethene	ND	U	0.79	0.20	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
trans-1,3-Dichloropropene	ND	U	0.91	0.29	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Trichloroethene	1.2		1.1	0.075	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Vinyl chloride	ND	U	0.51	0.064	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Xylene (total)	3.4		0.87	0.65	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1
Xylene, o-	ND	U	0.87	0.22	ug/m3	1.00	12/18/10 03:03	WRD	11335	TO-15 LL1

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Work Order: RTL1033
Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1033-04 (A2-AV01 - Air)						Sampled: 12/14/10 10:20		Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air, Low Con</u>										
1,1,1-Trichloroethane	ND	U	0.22	0.22	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,1,2,2-Tetrachloroethane	ND	U	0.27	0.27	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,1,2-Trichloroethane	ND	U	0.22	0.22	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,1-Dichloroethane	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,1-Dichloroethene	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,2-Dibromoethane	ND	U	0.31	0.31	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,2-Dichloroethane	ND	U	0.32	0.32	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,2-Dichloroethene, Total	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,2-Dichloropropane	ND	U	0.37	0.37	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,2-Dichlorotetrafluoroethane	ND	U	0.28	0.28	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,3,5-Trimethylbenzene	ND	U	0.39	0.39	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
1,3-Butadiene	ND	U	0.18	0.18	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
2,2,4-Trimethylpentane	ND	U	0.19	0.19	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
3-Chloropropene	ND	U	0.25	0.25	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
4-Ethyltoluene	ND	U	0.20	0.20	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Benzene	0.20		0.13	0.13	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Bromodichloromethane	ND	U	0.27	0.27	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Bromoethene(Vinyl Bromide)	ND	U	0.35	0.35	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Bromoform	ND	U	0.41	0.41	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Bromomethane	ND	U	0.31	0.31	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Carbon tetrachloride	0.35		0.25	0.25	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Chloroethane	ND	U	0.21	0.21	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Chloroform	ND	U	0.20	0.20	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
cis-1,2-Dichloroethene	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
cis-1,3-Dichloropropene	ND	U	0.18	0.18	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Cyclohexane	0.15		0.14	0.14	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Dibromochloromethane	ND	U	0.34	0.34	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Dichlorodifluoromethane	2.8		0.20	0.20	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Ethylbenzene	ND	U	0.17	0.17	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Methyl tert-butyl ether	ND	U	0.14	0.14	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Methylene Chloride	ND	U, ^, *	2.8	2.8	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
m-Xylene & p-Xylene	ND	U	0.35	0.35	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
n-Heptane	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
n-Hexane	ND	U	0.28	0.28	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
o-Xylene	ND	U	0.17	0.17	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Tetrachloroethene	ND	U	0.27	0.27	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Toluene	ND	U	0.15	0.15	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
trans-1,2-Dichloroethene	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
trans-1,3-Dichloropropene	ND	U	0.18	0.18	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Trichloroethene	ND	U	0.21	0.21	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Trichlorofluoromethane	1.1		0.22	0.22	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Vinyl chloride	ND	U	0.20	0.20	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN
Xylenes, Total	ND	U	0.17	0.17	ug/m3	4.00	12/18/10 05:02	WRD	11372	TO15 LL RTN

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Amherst, NY 14226

Work Order: RTL1033

Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTL1033-05 (MW-31-DUP - Air)						Sampled: 12/14/10 09:00		Recvd: 12/14/10 14:43		
<u>Volatile Organic Compounds in Ambient Air, Low Con</u>										
1,1,1-Trichloroethane	ND	U	0.22	0.22	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,1,2,2-Tetrachloroethane	ND	U	0.27	0.27	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,1,2-Trichloroethane	ND	U	0.22	0.22	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,1-Dichloroethane	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,1-Dichloroethene	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,2-Dibromoethane	ND	U	0.31	0.31	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,2-Dichloroethane	ND	U	0.32	0.32	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,2-Dichloroethene, Total	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,2-Dichloropropane	ND	U	0.37	0.37	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,2-Dichlorotetrafluoroethane	ND	U	0.28	0.28	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,3,5-Trimethylbenzene	ND	U	0.39	0.39	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
1,3-Butadiene	ND	U	0.18	0.18	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
2,2,4-Trimethylpentane	ND	U	0.19	0.19	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
3-Chloropropene	ND	U	0.25	0.25	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
4-Ethyltoluene	ND	U	0.20	0.20	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Benzene	0.61		0.13	0.13	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Bromodichloromethane	ND	U	0.27	0.27	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Bromoethene(Vinyl Bromide)	ND	U	0.35	0.35	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Bromoform	ND	U	0.41	0.41	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Bromomethane	ND	U	0.31	0.31	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Carbon tetrachloride	0.47		0.25	0.25	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Chloroethane	ND	U	0.21	0.21	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Chloroform	ND	U	0.20	0.20	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
cis-1,2-Dichloroethene	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
cis-1,3-Dichloropropene	ND	U	0.18	0.18	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Cyclohexane	0.31		0.14	0.14	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Dibromochloromethane	ND	U	0.34	0.34	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Dichlorodifluoromethane	2.6		0.20	0.20	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Ethylbenzene	0.19		0.17	0.17	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Methyl tert-butyl ether	ND	U	0.14	0.14	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Methylene Chloride	ND	U, ^, *	2.8	2.8	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
m-Xylene & p-Xylene	0.56		0.35	0.35	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
n-Heptane	0.22		0.16	0.16	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
n-Hexane	0.42		0.28	0.28	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
o-Xylene	0.18		0.17	0.17	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Tetrachloroethene	ND	U	0.27	0.27	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Toluene	1.5		0.15	0.15	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
trans-1,2-Dichloroethene	ND	U	0.16	0.16	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
trans-1,3-Dichloropropene	ND	U	0.18	0.18	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Trichloroethene	ND	U	0.21	0.21	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Trichlorofluoromethane	1.2		0.22	0.22	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Vinyl chloride	ND	U	0.20	0.20	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN
Xylenes, Total	0.74		0.17	0.17	ug/m3	4.00	12/18/10 05:57	WRD	11372	TO15 LL RTN

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Work Order: RTL1033
Project: Scott Aviation site - TO-15 analysis
Project Number: AECOM-0006

Received: 12/14/10
Reported: 01/04/11 15:30

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds in Ambient Air</u>											
LCS Analyzed: 12/17/10 (Lab Number:200-11335-3, Batch: 11335)											
1,1,1-Trichloroethane		55	1.1	0.27	ug/m3	69	127	70-130			
1,1,2,2-Tetrachloroethane		69	1.4	0.34	ug/m3	70	102	70-130			
1,1,2-Trichloroethane		55	1.1	0.27	ug/m3	56	103	70-130			
1,1-Dichloroethane		40	0.81	0.053	ug/m3	45	111	70-130			
1,1-Dichloroethene		40	0.79	0.059	ug/m3	49	122	70-130			
1,2-Dibromoethane		77	1.5	0.092	ug/m3	82	107	70-130			
1,2-Dichloroethane		40	0.81	0.061	ug/m3	47	115	70-130			
1,2-Dichloropropane		46	0.92	0.074	ug/m3	48	104	70-130			
1,2-Dichlorotetrafluoroethane		70	1.4	0.084	ug/m3	82	117	70-130			
1,3,5-Trimethylbenzene		49	0.98	0.31	ug/m3	51	104	70-130			
1,3-Butadiene		22	0.44	0.060	ug/m3	25	115	70-130			
2,2,4-Trimethylpentane		47	0.93	0.061	ug/m3	56	119	70-130			
3-Chloropropene		31	1.6	0.091	ug/m3	34	109	70-130			
4-Ethyltoluene		49	0.98	0.31	ug/m3	54	109	70-130			
Benzene		32	0.64	0.16	ug/m3	36	113	70-130			
Bromodichloromethane		67	1.3	0.34	ug/m3	79	118	70-130			
Bromoethene(Vinyl Bromide)		44	0.87	0.22	ug/m3	51	116	70-130			
Bromoform		100	2.1	0.52	ug/m3	120	121	70-130			
Bromomethane		39	0.78	0.054	ug/m3	43	111	70-130			
Carbon tetrachloride		63	1.3	0.31	ug/m3	80	128	70-130			
Chloroethane		26	1.3	0.26	ug/m3	28	107	70-130			
Chloroform		49	0.98	0.24	ug/m3	53	108	70-130			
cis-1,2-Dichloroethene		40	0.79	0.20	ug/m3	45	114	70-130			
cis-1,3-Dichloropropene		45	0.91	0.23	ug/m3	48	106	70-130			
Cyclohexane		34	0.69	0.041	ug/m3	44	127	70-130			
Dibromochloromethane		85	1.7	0.43	ug/m3	100	118	70-130			
Dichlorodifluoromethane		49	2.5	0.059	ug/m3	58	118	70-130			
Ethylbenzene		43	0.87	0.061	ug/m3	45	105	70-130			
m,p-Xylene		87	2.2	0.10	ug/m3	91	105	70-130			
Methyl tert-butyl ether		36	0.72	0.047	ug/m3	33	93	70-130			
Methylene Chloride		35	1.7	0.10	ug/m3	40	114	70-130			
n-Heptane		41	0.82	0.11	ug/m3	47	115	70-130			
n-Hexane		35	0.70	0.081	ug/m3	40	112	70-130			
Tetrachloroethene		68	1.4	0.12	ug/m3	78	114	70-130			
Toluene		38	0.75	0.19	ug/m3	40	106	70-130			
trans-1,2-Dichloroethene		40	0.79	0.20	ug/m3	46	115	70-130			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds in Ambient Air											
LCS Analyzed: 12/17/10 (Lab Number:200-11335-3, Batch: 11335)											
trans-1,3-Dichloropropene		45	0.91	0.29	ug/m3	47	104	70-130			
Trichloroethene		54	1.1	0.075	ug/m3	63	118	70-130			
Trichlorofluoromethane		56	1.1	0.28	ug/m3	66	117	70-130			
Vinyl chloride		26	0.51	0.064	ug/m3	28	111	70-130			
Xylene, o-		43	0.87	0.22	ug/m3	44	102	70-130			
Blank Analyzed: 12/17/10 (Lab Number:200-11335-4, Batch: 11335)											
1,1,1-Trichloroethane			1.1	0.27	ug/m3	ND		-			U
1,1,1,2-Tetrachloroethane			1.4	0.34	ug/m3	ND		-			U
1,1,2-Trichloroethane			1.1	0.27	ug/m3	ND		-			U
1,1-Dichloroethane			0.81	0.053	ug/m3	ND		-			U
1,1-Dichloroethene			0.79	0.059	ug/m3	ND		-			U
1,2-Dibromoethane			1.5	0.092	ug/m3	ND		-			U
1,2-Dichloroethane			0.81	0.061	ug/m3	ND		-			U
1,2-Dichloroethene, Total			0.79	0.40	ug/m3	ND		-			U
1,2-Dichloropropane			0.92	0.074	ug/m3	ND		-			U
1,2-Dichlorotetrafluoroethane			1.4	0.084	ug/m3	ND		-			U
1,3,5-Trimethylbenzene			0.98	0.31	ug/m3	ND		-			U
1,3-Butadiene			0.44	0.060	ug/m3	ND		-			U
2,2,4-Trimethylpentane			0.93	0.061	ug/m3	ND		-			U
3-Chloropropene			1.6	0.091	ug/m3	ND		-			U
4-Ethyltoluene			0.98	0.31	ug/m3	ND		-			U
Benzene			0.64	0.16	ug/m3	ND		-			U
Bromodichloromethane			1.3	0.34	ug/m3	ND		-			U
Bromoethene(Vinyl Bromide)			0.87	0.22	ug/m3	ND		-			U
Bromoform			2.1	0.52	ug/m3	ND		-			U
Bromomethane			0.78	0.054	ug/m3	ND		-			U
Carbon tetrachloride			1.3	0.31	ug/m3	ND		-			U
Chloroethane			1.3	0.26	ug/m3	ND		-			U
Chloroform			0.98	0.24	ug/m3	ND		-			U
cis-1,2-Dichloroethene			0.79	0.20	ug/m3	ND		-			U
cis-1,3-Dichloropropene			0.91	0.23	ug/m3	ND		-			U
Cyclohexane			0.69	0.041	ug/m3	ND		-			U
Dibromochloromethane			1.7	0.43	ug/m3	ND		-			U
Dichlorodifluoromethane			2.5	0.059	ug/m3	ND		-			U
Ethylbenzene			0.87	0.061	ug/m3	ND		-			U
m,p-Xylene			2.2	0.10	ug/m3	ND		-			U

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds in Ambient Air</u>											
Blank Analyzed: 12/17/10 (Lab Number:200-11335-4, Batch: 11335)											
Methyl tert-butyl ether			0.72	0.047	ug/m3	ND		-			U
Methylene Chloride			1.7	0.10	ug/m3	ND		-			U
n-Heptane			0.82	0.11	ug/m3	ND		-			U
n-Hexane			0.70	0.081	ug/m3	ND		-			U
Tetrachloroethene			1.4	0.12	ug/m3	ND		-			U
Toluene			0.75	0.19	ug/m3	ND		-			U
trans-1,2-Dichloroethene			0.79	0.20	ug/m3	ND		-			U
trans-1,3-Dichloropropene			0.91	0.29	ug/m3	ND		-			U
Trichloroethene			1.1	0.075	ug/m3	ND		-			U
Trichlorofluoromethane			1.1	0.28	ug/m3	ND		-			U
Vinyl chloride			0.51	0.064	ug/m3	ND		-			U
Xylene (total)			0.87	0.65	ug/m3	ND		-			U
Xylene, o-			0.87	0.22	ug/m3	ND		-			U

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds in Ambient Air, Low Con</u>											
LCS Analyzed: 12/17/10 (Lab Number:200-11372-3, Batch: 11372)											
1,1,1-Trichloroethane		1.1	0.055	0.055	ug/m3	0.91	84	70-130			
1,1,2,2-Tetrachloroethane		1.4	0.069	0.069	ug/m3	1.1	83	70-130			
1,1,2-Trichloroethane		1.1	0.055	0.055	ug/m3	1.1	99	70-130			
1,1-Dichloroethane		0.81	0.040	0.040	ug/m3	0.83	103	70-130			
1,1-Dichloroethene		0.79	0.040	0.040	ug/m3	0.79	100	70-130			
1,2-Dibromoethane		1.5	0.077	0.077	ug/m3	1.4	94	70-130			
1,2-Dichloroethane		0.81	0.081	0.081	ug/m3	0.77	95	70-130			
1,2-Dichloropropane		0.92	0.092	0.092	ug/m3	0.92	100	70-130			
1,2-Dichlorotetrafluoroethane		1.4	0.070	0.070	ug/m3	1.4	103	70-130			
1,3,5-Trimethylbenzene		0.98	0.098	0.098	ug/m3	0.81	82	70-130			
1,3-Butadiene		0.44	0.044	0.044	ug/m3	0.47	106	70-130			
2,2,4-Trimethylpentane		0.93	0.047	0.047	ug/m3	0.99	106	70-130			
3-Chloropropene		0.62	0.063	0.063	ug/m3	0.71	114	70-130			
4-Ethyltoluene		0.98	0.049	0.049	ug/m3	0.87	89	70-130			
Benzene		0.64	0.032	0.032	ug/m3	0.56	88	70-130			
Bromodichloromethane		1.3	0.067	0.067	ug/m3	1.3	95	70-130			
Bromoethene(Vinyl Bromide)		0.87	0.087	0.087	ug/m3	0.89	103	70-130			
Bromoform		2.1	0.10	0.10	ug/m3	1.7	85	70-130			
Bromomethane		0.77	0.078	0.078	ug/m3	0.77	100	70-130			
Carbon tetrachloride		1.3	0.063	0.063	ug/m3	1.0	83	70-130			
Chloroethane		0.53	0.053	0.053	ug/m3	0.59	112	70-130			
Chloroform		0.97	0.049	0.049	ug/m3	0.95	97	70-130			
cis-1,2-Dichloroethene		0.79	0.040	0.040	ug/m3	0.76	96	70-130			
cis-1,3-Dichloropropene		0.91	0.045	0.045	ug/m3	0.83	91	70-130			
Cyclohexane		0.69	0.034	0.034	ug/m3	0.68	99	70-130			
Dibromochloromethane		1.7	0.085	0.085	ug/m3	1.6	93	70-130			
Dichlorodifluoromethane		0.99	0.049	0.049	ug/m3	0.98	99	70-130			
Ethylbenzene		0.87	0.043	0.043	ug/m3	0.83	95	70-130			
Methyl tert-butyl ether		0.72	0.036	0.036	ug/m3	0.79	110	70-130			
Methylene Chloride		0.69	0.69	0.69	ug/m3	0.92	133	70-130			*
m-Xylene & p-Xylene		1.7	0.087	0.087	ug/m3	1.6	94	70-130			
n-Heptane		0.82	0.041	0.041	ug/m3	0.80	97	70-130			
n-Hexane		0.70	0.070	0.070	ug/m3	0.80	113	70-130			
o-Xylene		0.87	0.043	0.043	ug/m3	0.76	88	70-130			
Tetrachloroethene		1.4	0.068	0.068	ug/m3	1.2	87	70-130			
Toluene		0.75	0.038	0.038	ug/m3	0.79	104	70-130			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds in Ambient Air, Low Con</u>											
LCS Analyzed: 12/17/10 (Lab Number:200-11372-3, Batch: 11372)											
trans-1,2-Dichloroethene		0.79	0.040	0.040	ug/m3	0.79	100	70-130			
trans-1,3-Dichloropropene		0.91	0.045	0.045	ug/m3	0.78	86	70-130			
Trichloroethene		1.1	0.054	0.054	ug/m3	1.0	94	70-130			
Trichlorofluoromethane		1.1	0.056	0.056	ug/m3	1.1	95	70-130			
Vinyl chloride		0.51	0.051	0.051	ug/m3	0.58	113	70-130			
Blank Analyzed: 12/17/10 (Lab Number:200-11372-4, Batch: 11372)											
1,1,1-Trichloroethane			0.055	0.055	ug/m3	ND		-			U
1,1,1,2,2-Tetrachloroethane			0.069	0.069	ug/m3	ND		-			U
1,1,2-Trichloroethane			0.055	0.055	ug/m3	ND		-			U
1,1-Dichloroethane			0.040	0.040	ug/m3	ND		-			U
1,1-Dichloroethene			0.040	0.040	ug/m3	ND		-			U
1,2-Dibromoethane			0.077	0.077	ug/m3	ND		-			U
1,2-Dichloroethane			0.081	0.081	ug/m3	ND		-			U
1,2-Dichloroethene, Total			0.040	0.040	ug/m3	ND		-			U
1,2-Dichloropropane			0.092	0.092	ug/m3	ND		-			U
1,2-Dichlorotetrafluoroethane			0.070	0.070	ug/m3	ND		-			U
1,3,5-Trimethylbenzene			0.098	0.098	ug/m3	ND		-			U
1,3-Butadiene			0.044	0.044	ug/m3	ND		-			U
2,2,4-Trimethylpentane			0.047	0.047	ug/m3	ND		-			U
3-Chloropropene			0.063	0.063	ug/m3	ND		-			U
4-Ethyltoluene			0.049	0.049	ug/m3	ND		-			U
Benzene			0.032	0.032	ug/m3	ND		-			U
Bromodichloromethane			0.067	0.067	ug/m3	ND		-			U
Bromoethene(Vinyl Bromide)			0.087	0.087	ug/m3	ND		-			U
Bromoform			0.10	0.10	ug/m3	ND		-			U
Bromomethane			0.078	0.078	ug/m3	ND		-			U
Carbon tetrachloride			0.063	0.063	ug/m3	ND		-			U
Chloroethane			0.053	0.053	ug/m3	ND		-			U
Chloroform			0.049	0.049	ug/m3	ND		-			U
cis-1,2-Dichloroethene			0.040	0.040	ug/m3	ND		-			U
cis-1,3-Dichloropropene			0.045	0.045	ug/m3	ND		-			U
Cyclohexane			0.034	0.034	ug/m3	ND		-			U
Dibromochloromethane			0.085	0.085	ug/m3	ND		-			U
Dichlorodifluoromethane			0.049	0.049	ug/m3	ND		-			U
Ethylbenzene			0.043	0.043	ug/m3	ND		-			U
Methyl tert-butyl ether			0.036	0.036	ug/m3	ND		-			U

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<u>Volatile Organic Compounds in Ambient Air, Low Con</u>											
Blank Analyzed: 12/17/10 (Lab Number:200-11372-4, Batch: 11372)											
Methylene Chloride			0.69	0.69	ug/m3	ND		-			U
m-Xylene & p-Xylene			0.087	0.087	ug/m3	ND		-			U
n-Heptane			0.041	0.041	ug/m3	ND		-			U
n-Hexane			0.070	0.070	ug/m3	ND		-			U
o-Xylene			0.043	0.043	ug/m3	ND		-			U
Tetrachloroethene			0.068	0.068	ug/m3	ND		-			U
Toluene			0.038	0.038	ug/m3	ND		-			U
trans-1,2-Dichloroethene			0.040	0.040	ug/m3	ND		-			U
trans-1,3-Dichloropropene			0.045	0.045	ug/m3	ND		-			U
Trichloroethene			0.054	0.054	ug/m3	ND		-			U
Trichlorofluoromethane			0.056	0.056	ug/m3	ND		-			U
Vinyl chloride			0.051	0.051	ug/m3	ND		-			U
Xylenes, Total			0.043	0.043	ug/m3	ND		-			U

