

PLUMLEY ENGINEERING, P.C.

Civil and Environmental Engineering

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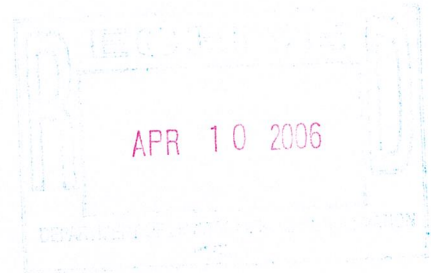
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April 10, 2006

VIA HAND DELIVERY

Mr. Kevin J. Kelly, P.E.
Ms. Mary Jane Peachey, P.E.
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation, Region 7
615 Erie Boulevard West
Syracuse, New York 13204-2400



RE: Former Northstar Cleaners
Site No. V-00150-7, Post-Excavation Requirements Plan
2006 Site Work and March 2006 Update
Project No. 2003074

Dear Mr. Kelly and Ms. Peachey:

The work discussed in our January 26, 2006 meeting and work scope described in our February 1, 2006 correspondence has been completed. This letter report is supplemental to our January 10, 2006 Data Report.

DEEP GROUNDWATER INVESTIGATION

An additional deep groundwater well (MW-16D) was installed and completed in accordance to the work plan, the week of March 6 to a depth of 53 feet. This well was installed to the south of the former dry cleaner sump to investigate the down-gradient groundwater quality. Both MW-15D and MW-16D was sampled and analyzed for TCL and STARS VOCs by EPA Method 8260.

Analytical results showed MW-16D to have no VOCs and MW-15D showed 1.7 parts per billion (ppb) of VOC total. Based on the full water quality results obtained after installation and sampling of the five deep monitoring wells, it is concluded that no deep water DNAPL contamination exists at this site and that only trace VOC concentration exists in the deep groundwater. Based on this data we request the DEC concur that no deep groundwater impact of concern exists at this site and no

Mr. Kevin J. Kelly, P.E.
Ms. Mary Jane Peachey, P.E.
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further action on this issue is warranted.

Refer to the *Groundwater Attachment* for the MW-16D well log, a summary of analytical results in Revised Table 1B, and raw analytical data.

SHALLOW GROUNDWATER METALS IN MW-10

MW-10 was purged and resampled for RCRA Metals per request of the DEC to investigate whether elevated metal concentrations in a previous sample were related to suspended solids. Water from the well was purged until the turbidity was below 50 Nephelometric Turbidity Units (NTU). Metal concentrations were detected below DEC Guidance Values for all but one compound. Lead was detected at 10 ug/l, but this is below the State Groundwater Standard of 25 ug/l. It is concluded that no further sampling is warranted.

Refer to the *Groundwater Attachment* for a summary of analytical data in Revised Table 1E, and raw analytical data.

GROUNDWATER FLOW DIRECTIONS

Groundwater elevations were measured in all wells and a groundwater contour map prepared (attached). Mounding effects influence shallow groundwater contours due to the higher porosity of the gravel placed in the ground after soil removal. The shallow groundwater flow direction is to the northwest.

The deep groundwater flow direction is to the southeast. The deep groundwater flow direction was determined based on the four deep wells, MW-6D, MW-7D, MW-15D and MW-16D. These four wells are completed in the same stratigraphic formation and extend down to an underlying till layer at the site. Each of these wells is approximately 50 feet deep.

We request your concurrence that this data demonstrates there is no significant deep groundwater impact and metals in MW-10 are of no concern.

Mr. Kevin J. Kelly, P.E.
Ms. Mary Jane Peachey, P.E.
April 10, 2006
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We are currently finalizing plans to inject permanganate into the remedial trench and access pits along the former utility line bedding. We anticipate performing this work in late April and will inform you in advance of the scheduled date.

A complete soil vapor discussion is appended to this letter report as a separate attachment.

A monthly project update is included with this correspondence. If you have any questions regarding any information in this report, please contact our office.

Sincerely,

PLUMLEY ENGINEERING, P.C.

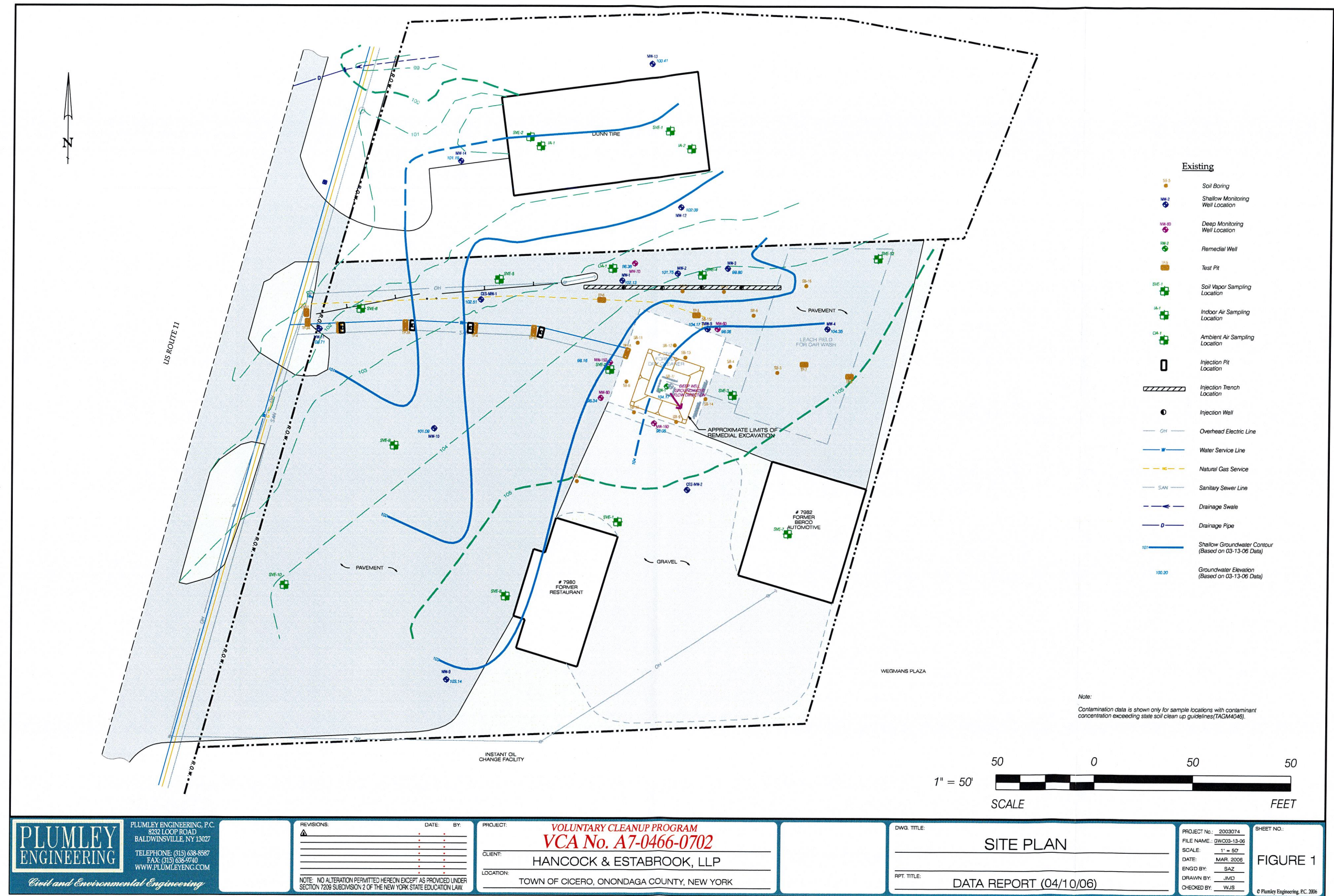
A handwritten signature in black ink, appearing to read "Dale Vollmer", with a stylized flourish at the end.

Dale R. Vollmer, P.E.

DRV/WJS/cas

Attachments

cc: Wendy Marsh, Esquire (w/attachments)
Mr. James E. Burke (w/attachments)
Mr. Nathan M. Walz (w/attachments)



GROUNDWATER
ATTACHMENT

Site No. V-00150-7
VCA No. A7-0466-0702
Town of Cicero, Onondaga County, New York

REVISED TABLE 1B - GROUNDWATER SAMPLES - TCL and STARS VOCs

Date Sampled: As Shown

Matrix: Groundwater

Compound	State Standard ¹ (µg/L)	Monitoring Well Location				
		MW-6D Sampled 11/15/05	MW-7D Sampled 11/15/05	MW-8D Sampled 11/15/05	MW-15D Resampled 3/13/06	MW-16D Sampled 3/13/05
		Compound Concentration (µg/L)				
1,1,1-Trichloroethane (1,1,1-TCA)	5	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND
1,1,2-Trichloroethane (1,1,2-TCA)	1	ND	ND	ND	ND	ND
1,1-Dichloroethane (1,1-DCA)	5	ND	ND	2	ND	ND
1,1-Dichloroethene (1,1-DCE)	5	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND
1,2-Dichloroethane (1,2-DCA)	0.6	ND	ND	ND	ND	ND
1,2-Dichloroethene (total) (1,2-DCE)	5	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND
2-Hexanone	50	ND	ND	ND	ND	ND
4-Isopropyltoluene (cymene)	5	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone (MIBK)	---	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND
Carbon Disulfide	60	ND	ND	ND	ND	ND
Carbon Tetrachloride	5	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	2	ND	ND
Chloroform	7	ND	ND	ND	ND	ND
Chloromethane (methyl chloride)	5	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	0.4*	ND	ND	ND	ND	ND
Dibromochloromethane	50	ND	ND	ND	ND	ND
Ethyl Benzene	5	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	5	ND	ND	ND	ND	ND
Methyl tert-butyl Ether (MTBE)	10	ND	ND	9	ND	ND
Methylene Chloride	5	ND	ND	5	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND
tert-Butyl Alcohol (TBA)	---	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	5	ND	ND	ND	1.7	ND
Toluene	5	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	0.4*	ND	ND	ND	ND	ND
Trichloroethene (TCE)	5	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND
Xylenes (total)	5	ND	ND	ND	ND	ND
Total VOCs	---	ND	ND	18	1.7	ND

Site No. V-00150-7
VCA No. A7-0466-0702
Town of Cicero, Onondaga County, New York

REVISED TABLE 1E - GROUNDWATER SAMPLES - RCRA METALS

Compound	State Standard ¹ (µg/L)	Monitoring Well Location	
		MW-10	MW-10
		11/15/2006	3/31/2006
Arsenic	25	47 B	ND
Barium	1,000	410	ND
Cadmium	5	ND	ND
Chromium	50	55	ND
Lead	25	73	10
Mercury	2	0.25	ND
Selenium	10	ND	ND
Silver	50	ND	ND



LSL

Bill Spizuoco
Plumley Engineering
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Laboratory Analysis Report

For

Plumley Engineering

Client Project ID:

North Star - Cicero, NY - Project # 2003074

LSL Project ID: **0603739**

Receive Date/Time: 03/13/06 14:53

Project Received by: MW

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client in the event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. especially for the use of advertising to the general public, is strictly prohibited without express prior written consent of Life Science Laboratories, Inc. This report may only be reproduced in its entirety. No partial duplication is allowed. The Chain of Custody document submitted with these samples is considered by LSL to be an appendix of this report and may contain specific information that pertains to the samples included in this report. The analytical result(s) in this report are only representative of the sample(s) submitted for analysis. LSL makes no claim of a sample's representativeness, or integrity, if sampling was not performed by LSL personnel.

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NYS DOH ELAP #10760

LSL MidLakes Lab
699 South Main Street
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This report was reviewed by:

Quinn Chumaceiro, QA
Life Science Laboratories, Inc.

Date:

3/28/06

A copy of this report was sent to:

Page 1 of 4

Date Printed:

3/28/06

-- LABORATORY ANALYSIS REPORT --

Plumley Engineering Baldwinsville, NY

Sample ID: MW-16D LSL Sample ID: 0603739-001
Location: North Star, Cicero, NY
Sampled: 03/13/06 13:43 Sampled By: CG
Sample Matrix: NPW

Analytical Method		Prep	Analysis	Analyst	
Analyte	Result	Units	Date	Date & Time	Initials
(1) EPA 8260B TCL & STARS Volatiles					
Acetone	<10	ug/l		3/16/06	BD
Benzene	<1	ug/l		3/16/06	BD
Bromodichloromethane	<1	ug/l		3/16/06	BD
Bromoform	<1	ug/l		3/16/06	BD
Bromomethane	<1	ug/l		3/16/06	BD
2-Butanone (MEK)	<10	ug/l		3/16/06	BD
Carbon disulfide	<1	ug/l		3/16/06	BD
Carbon tetrachloride	<1	ug/l		3/16/06	BD
Chlorobenzene	<1	ug/l		3/16/06	BD
Chloroethane	<1	ug/l		3/16/06	BD
Chloroform	<1	ug/l		3/16/06	BD
Chloromethane	<1	ug/l		3/16/06	BD
Dibromochloromethane	<1	ug/l		3/16/06	BD
1,1-Dichloroethane	<1	ug/l		3/16/06	BD
1,2-Dichloroethane	<1	ug/l		3/16/06	BD
1,1-Dichloroethene	<1	ug/l		3/16/06	BD
1,2-Dichloroethene, Total	<1	ug/l		3/16/06	BD
1,2-Dichloropropane	<1	ug/l		3/16/06	BD
cis-1,3-Dichloropropene	<1	ug/l		3/16/06	BD
trans-1,3-Dichloropropene	<1	ug/l		3/16/06	BD
Ethyl benzene	<1	ug/l		3/16/06	BD
2-Hexanone	<10	ug/l		3/16/06	BD
Methylene chloride	<1	ug/l		3/16/06	BD
4-Methyl-2-pentanone (MIBK)	<10	ug/l		3/16/06	BD
Styrene	<1	ug/l		3/16/06	BD
1,1,2,2-Tetrachloroethane	<1	ug/l		3/16/06	BD
Tetrachloroethene	<1	ug/l		3/16/06	BD
Toluene	<1	ug/l		3/16/06	BD
1,1,1-Trichloroethane	<1	ug/l		3/16/06	BD
1,1,2-Trichloroethane	<i	ug/i		3/16/06	BD
Trichloroethene	<1	ug/l		3/16/06	BD
Vinyl chloride	<1	ug/l		3/16/06	BD
Xylenes (Total)	<1	ug/l		3/16/06	BD
n-Butylbenzene	<1	ug/l		3/16/06	BD
sec-Butylbenzene	<1	ug/l		3/16/06	BD
tert-Butylbenzene	<1	ug/l		3/16/06	BD
Isopropylbenzene (Cumene)	<1	ug/l		3/16/06	BD
4-Isopropyl toluene (Cymene)	<1	ug/l		3/16/06	BD
MTBE	<1	ug/l		3/16/06	BD
Naphthalene	<1	ug/l		3/16/06	BD
N-Propylbenzene	<1	ug/l		3/16/06	BD
1,2,4-Trimethylbenzene	<1	ug/l		3/16/06	BD
1,3,5-Trimethylbenzene	<1	ug/l		3/16/06	BD
t-Butyl alcohol (TBA)	<200	ug/l		3/16/06	BD
Surrogate (1,2-DCA-d4)	89	%R		3/16/06	BD
Surrogate (Tol-d8)	109	%R		3/16/06	BD
Surrogate (4-BFB)	94	%R		3/16/06	BD

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Date Printed: 3/28/06

Analysis performed at: (1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes

-- LABORATORY ANALYSIS REPORT --

Plumley Engineering Baldwinsville, NY

Sample ID: MW-15D LSL Sample ID: 0603739-002
Location: North Star, Cicero, NY
Sampled: 03/13/06 13:40 Sampled By: CG
Sample Matrix: NPW

Analytical Method	Prep	Analysis	Analyst	
Analyte	Date	Date & Time	Initials	
Result	Units			
(1) EPA 8260B TCL & STARS Volatiles				
Acetone	<10	ug/l	3/16/06	BD
Benzene	<1	ug/l	3/16/06	BD
Bromodichloromethane	<1	ug/l	3/16/06	BD
Bromoform	<1	ug/l	3/16/06	BD
Bromomethane	<1	ug/l	3/16/06	BD
2-Butanone (MEK)	<10	ug/l	3/16/06	BD
Carbon disulfide	<1	ug/l	3/16/06	BD
Carbon tetrachloride	<1	ug/l	3/16/06	BD
Chlorobenzene	<1	ug/l	3/16/06	BD
Chloroethane	<1	ug/l	3/16/06	BD
Chloroform	<1	ug/l	3/16/06	BD
Chloromethane	<1	ug/l	3/16/06	BD
Dibromochloromethane	<1	ug/l	3/16/06	BD
1,1-Dichloroethane	<1	ug/l	3/16/06	BD
1,2-Dichloroethane	<1	ug/l	3/16/06	BD
1,1-Dichloroethene	<1	ug/l	3/16/06	BD
1,2-Dichloroethene, Total	<1	ug/l	3/16/06	BD
1,2-Dichloropropane	<1	ug/l	3/16/06	BD
cis-1,3-Dichloropropene	<1	ug/l	3/16/06	BD
trans-1,3-Dichloropropene	<1	ug/l	3/16/06	BD
Ethyl benzene	<1	ug/l	3/16/06	BD
2-Hexanone	<10	ug/l	3/16/06	BD
Methylene chloride	<1	ug/l	3/16/06	BD
4-Methyl-2-pentanone (MIBK)	<10	ug/l	3/16/06	BD
Styrene	<1	ug/l	3/16/06	BD
1,1,2,2-Tetrachloroethane	<1	ug/l	3/16/06	BD
Tetrachloroethene	1.7	ug/l	3/16/06	BD
Toluene	<1	ug/l	3/16/06	BD
1,1,1-Trichloroethane	<1	ug/l	3/16/06	BD
1,1,2-Trichloroethane	<1	ug/l	3/16/06	BD
Trichloroethene	<1	ug/l	3/16/06	BD
Vinyl chloride	<1	ug/l	3/16/06	BD
Xylenes (Total)	<1	ug/l	3/16/06	BD
n-Butylbenzene	<1	ug/l	3/16/06	BD
sec-Butylbenzene	<1	ug/l	3/16/06	BD
tert-Butylbenzene	<1	ug/l	3/16/06	BD
Isopropylbenzene (Cumene)	<1	ug/l	3/16/06	BD
4-Isopropyl toluene (Cymene)	<1	ug/l	3/16/06	BD
MTBE	<1	ug/l	3/16/06	BD
Naphthalene	<1	ug/l	3/16/06	BD
N-Propylbenzene	<1	ug/l	3/16/06	BD
1,2,4-Trimethylbenzene	<1	ug/l	3/16/06	BD
1,3,5-Trimethylbenzene	<1	ug/l	3/16/06	BD
t-Butyl alcohol (TBA)	<200	ug/l	3/16/06	BD
Surrogate (1,2-DCA-d4)	90	%R	3/16/06	BD
Surrogate (Tol-d8)	108	%R	3/16/06	BD
Surrogate (4-BFB)	92	%R	3/16/06	BD

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Date Printed: 3/28/06

Analysis performed at: (1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes

-- LABORATORY ANALYSIS REPORT --

Plumley Engineering Baldwinsville, NY

Sample ID: MW-10 LSL Sample ID: 0603739-003
Location: North Star, Cicero, NY
Sampled: 03/13/06 14:17 Sampled By: CG
Sample Matrix: NPW

Analytical Method			Prep	Analysis	Analyst
Analyte	Result	Units	Date	Date & Time	Initials
(1) EPA 200.7 RCRA Metals					
Arsenic	<0.01	mg/l	3/14/06	3/17/06	DP
Barium	<0.2	mg/l	3/14/06	3/17/06	DP
Cadmium	<0.01	mg/l	3/14/06	3/17/06	DP
Chromium	<0.01	mg/l	3/14/06	3/17/06	DP
Lead	0.010	mg/l	3/14/06	3/17/06	DP
Selenium	<0.01	mg/l	3/14/06	3/17/06	DP
Silver	<0.01	mg/l	3/14/06	3/17/06	DP
(1) EPA 7471 Mercury					
Mercury	<0.0002	mg/l	3/16/06	3/17/06	DP

Remarks: Failure to adhere to quoted TATs shall result in reduction of the invoice to the next available billing rate for the specified analysis and 10% reduction in the invoice for this COC.

SOIL VAPOR
ATTACHMENT

**DUNN TIRE STORE
SOIL VAPOR INVESTIGATION**

SOIL VAPOR INVESTIGATION SUMMARY

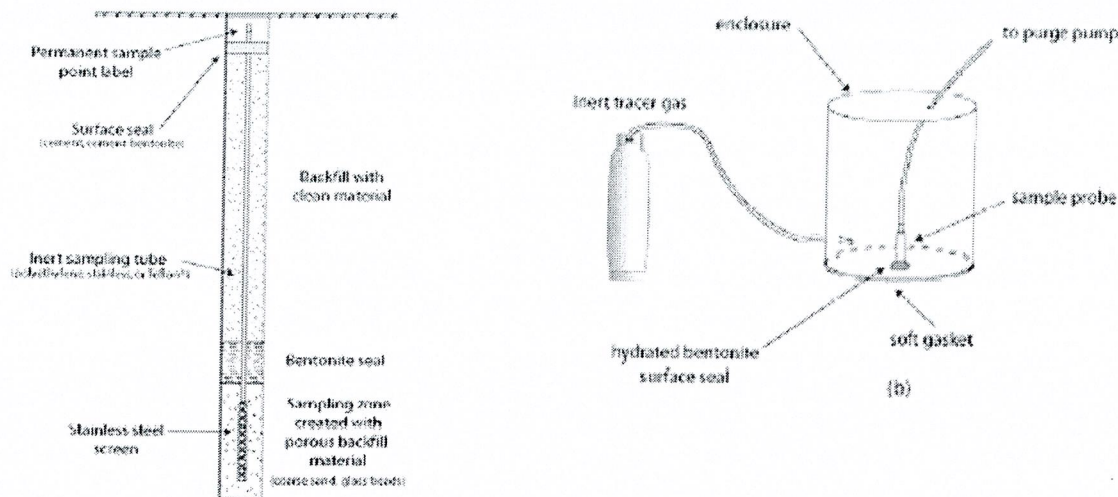
Two soil vapor sampling points were installed on March 7, 2006 in the Dunn Tire Store to depths of 14 to 16 inches below the concrete slab. Construction of these sampling points was in accordance with the work plan and included a stainless steel well point, glass beads, and a bentonite seal. These points are inside the building and finished with flush mount steel protective casing with screw covers.

A round of sub-slab soil vapor and indoor air quality monitoring to assess the threat to offsite receptors was conducted from March 18, 2006 to March 19, 2006. The construction of the soil vapor sampling points consisted of the installation of GeoProbe™ sampling points in accordance with the Draft DOH February 2005 Guidance Policy for Evaluating Soil Vapor Intrusion in the State of New York. Two sub-slab sampling points were installed in the Dunn Tire facility at depths between 14 and 16 inches below the concrete slab. Two indoor air samples were collected from inside the Dunn Tire facility and one outdoor air sample was collected.

Each of the sub-slab sampling points was purged for 30 seconds with a peristaltic sampling pump to remove "stagnant" air from the sampling location. This pump was set at a flow rate of approximately 1 liter per minute, purging an estimated 0.5 liters from each sampling point. Each sampling location was checked for gross short-circuiting by injecting 1 liter of helium gas into a 4-liter stainless enclosure obtained from the laboratory. A Restec Catalogue No. 22451 helium leak detector was utilized to check for leaks in accordance with the procedures outlined in the Draft DOH Soil Vapor Guidance Policy mentioned above. No soil vapor sampling location exceeded 10% helium during the field testing, indicating the construction of the soil vapor sampling points was adequately limiting short-circuiting to the atmosphere. A schematic of the soil vapor sampling point construction and the field-constructed leak test appear below::

**DUNN TIRE STORE
SOIL VAPOR INVESTIGATION**

SOIL VAPOR INVESTIGATION SUMMARY

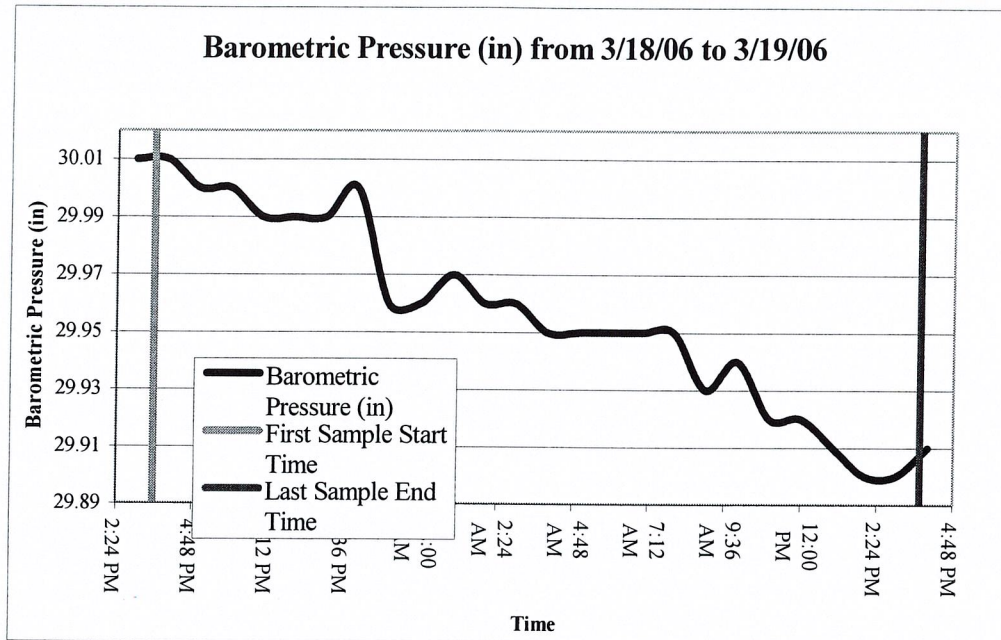


In accordance with the approved Work Plan, 1-liter Summa™ canisters were selected for the soil vapor sampling. The sampling rate of the Summa™ canisters was preset at the laboratory for an 8-hour sampling period, resulting in a flow rate of 0.002 liters per minute. The Summa™ canister at location SVE-2 was 1.4-liters to allow for the collection of matrix spike and matrix spike duplicate (MS/MSD) samples. The regulator for this sampling location was preset at the laboratory for an 8-hour sampling period, resulting in a flow rate of 0.003 liters per minute. Both regulator settings are below the DOH specified flow rate of 0.2 liters per minute.

Barometric pressure for the sampling period was tracked and appears on the chart below. Collection of the first sample began at 3:35 p.m. on March 18, 2006 and collection of the last sample ceased at approximately 3:55 p.m. on March 19, 2006. As can be seen on the chart, the majority of this sampling interval coincides with a period of falling barometric pressure.

DUNN TIRE STORE
SOIL VAPOR INVESTIGATION

SOIL VAPOR INVESTIGATION SUMMARY



As previously stated, this sampling period was selected to optimize the soil vapor sampling, as the soil vapor mobility would be toward the atmosphere and there is less likelihood of short-circuiting directly to atmosphere during sample collection.

A total of five samples were collected during the sub-slab soil vapor investigation activities conducted on March 18 - 19, 2006. All vapor samples were submitted to Centek Laboratories, LLC for analysis of VOCs per EPA Method TO-15. The analytical results are summarized as follows:

- *SV-1 (sub-slab soil vapor sample, office area):* The total VOC concentration detected at this location was 7,634 $\mu\text{g}/\text{m}^3$. Twenty-six VOCs were detected in the sub-slab soil vapor sample collected at this location. The site COC PCE was detected at this location at a concentration below its NYSDOH draft guidelines of 100 $\mu\text{g}/\text{m}^3$. The TCE concentration detected at this location (29.5 $\mu\text{g}/\text{m}^3$) exceeded its NYSDOH draft guidelines of 5 $\mu\text{g}/\text{m}^3$. A concentration of 6.3% tracer gas was detected at this soil vapor sampling location during the field testing.
- *SV-2 (subslab soil vapor sample, shop area):* The total VOC concentration

DUNN TIRE STORE
SOIL VAPOR INVESTIGATION

SOIL VAPOR INVESTIGATION SUMMARY

detected at this location was 18,485 µg/m³. Twenty-four VOCs were detected in the subslab soil vapor sample collected at this location. The site COC PCE was detected at this location at a concentration below its NYSDOH draft guidelines of 100 µg/m³. The TCE concentration detected at this location (33.3 µg/m³) exceeded its NYSDOH draft guidelines of 5 µg/m³. A concentration of 9.5% tracer gas was detected at this soil vapor sampling location during the field testing.

- *IA-1 (indoor air sample, office area):* The total VOC concentration detected at this location was 195 µg/m³. Twenty-six VOCs were detected in the indoor air sample collected at this location. The site COCs PCE and TCE were detected at this location at concentrations below their respective NYSDOH draft guidelines. PID scans in this vicinity indicated a peak VOC concentration of 160 ppb.
- *IA-2 (indoor air sample, shop area):* The total VOC concentration detected at this location was 314 µg/m³. Twenty-four VOCs were detected in the soil vapor sample collected at this location. The site COCs PCE and TCE were detected at this location at concentrations below their respective NYSDOH draft guidelines. PID scans in this vicinity were negative (0 ppb VOC concentration), though a strong odor associated with the tires was observed.
- *OA-1 (outdoor air, at Dunn/Northstar boundary):* The total VOC concentration detected at this location was 37 µg/m³. Twelve VOCs were detected in the soil vapor sample collected at this location. No site COCs (PCE, TCE, DCE and VC) were detected at this location. PID scans in this vicinity were negative (0 ppb VOC concentration), and no odors were observed.

During the PID sweep a shop employee was observed to have applied aftershave/cologne that resulted in PID readings near the facility bathroom as high as 160 ppb.

Refer to *Figure 1 – Site Plan* for soil vapor sampling locations and *Revised Table 3* and the *Laboratory Analytical Results* and additional information.

**Site No. V-00150-7
Cicero, Onondaga County, New York**

**DUNN TIRE STORE
SOIL VAPOR INVESTIGATION**

CHEMICAL INVENTORY SURVEY

A pre-sampling chemical survey was conducted at the Dunn Tire facility on March 6, 2006 to identify chemical usage that could impact facility indoor air quality. This inspection included a review of the Material Safety Data Sheet (MSDS) Book for the site, an inspection of labels on chemical-containing products stored in the facility, and an inspection of the facility exterior property, including waste containers. The following list summarizes chemicals either listed in the MSDS Book or on product labels for products in use at the facility. *Note:* product labels typically list major constituents only and MSDSs are only required to list constituents present at 1% for toxic materials and 0.1% for carcinogens. Therefore, additional chemicals may be present in trace amounts that are detectable by the indoor air Method TO-15 sampling.

Tetrachloroethene (PCE)
Trichloroethene (TCE)
Methyl chloroform (1,1,1-TCA)
Toluene
Naphthenic oil
Ethyl acetate
Kerosene
Propane/isobutane/n-butane
D-limonene
Hexane
"Oil"
Naphtha
Cyclohexane
Isopropyl alcohol
"Perfume"
Heptane
n-Heptane
Acetone
Zinc dibutyl dithiocarbamate
Carbon black
Aliphatic solvent
Methylene chloride
Petroleum base oil as:
- Naphtha petroleum, light, hydrotreated
- Naphtha petroleum, medium, aliphatic
- Naphtha petroleum, heavy, hydrotreated
Carbon dioxide
Methyl alcohol
Kerosene
Naphthenic oil
Ethyl acetate

2-Butoxyethanol
Ethylene glycol
Ethanol
Ortho-phenylphenol
Mineral spirits
Ethylene glycol monobutyl ether
Isoparaffin
Nonoxyl-9
Low odor paraffinic solvent
Nonylphenoxypoly(ethyleneoxy)ethanol
Methanol
Light aliphatic naphtha
2-Ethyl hexyl alcohol
Paraffin oil
Diethylene glycol methyl ether
Paraffinic distillate, heavy, solvent-dewaxed
Corrosion inhibitor, unregulated
Wetting agent, unregulated

Site No. V-00150-7
Cicero, Onondaga County, New York

DUNN TIRE STORE
SOIL VAPOR INVESTIGATION

CHEMICAL INVENTORY SURVEY

In addition to those chemicals currently in use at the site or listed in the site MSDS book, a strong odor associated with the storage of new tires was observed during the site inspection.

The EPA has identified rubber tire manufacturing facilities as major sources of hazardous air pollutants (HAP) emissions, and has proposed national emission standards for hazardous air pollutants (NESHAP) for new and existing sources at rubber tire manufacturing facilities. The list below, obtained from the 40 CFR Part 63 - *National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing*, provides a summary of the chemical compounds which may be reasonably anticipated to be present at a tire manufacturing facility. Some or all of these compounds could be present as fugitive emissions from the stored new tires.

Tetrachloroethylene (PCE)	2,4-Toluene diamine
Vinyl chloride	1,2-Dibromo-3-chloropropane
Formaldehyde	Ethylene thiourea
Ethyl carbamate (Urethane)	Benzotrichloride
2-Acetylaminofluorene	4,4-Methylene bis(2-chloroaniline)
Carbon tetrachloride	4,4-Methylenedianiline
1,1-Dimethyl hydrazine	1,4-Dichlorobenzene(p)
beta-Propiolactone	Epichlorohydrin (1-Chloro-2,3-epoxypropane)
Lindane (all isomers)	Ethylene dibromide (Dibromoethane)
N-Nitrosomorpholine	1,3-Butadiene
Dimethyl aminoazobenzene	1,2-Dichloroethane
N-Nitrosodimethylamine	Acrylonitrile
Diethyl sulfate	Chloromethyl methyl ether
Chloroform	Bis(2-ethylhexyl)phthalate (DEHP)
Hexachloroethane	Hexachlorobenzene
Benzene	3,3-Dimethoxybenzidine
Acetaldehyde	3,3-Dimethyl benzidine
Methylene chloride (Dichloromethane)	1,2-Diphenylhydrazine
Ethylene oxide	1,4-Dioxane (1,4-Diethyleneoxide)
1,2-Propylenimine (2-Methyl aziridine)	Ethyl acrylate
Propylene oxide	Hydrazine
Dimethyl sulfate	1,3-Dichloropropene
Acrylamide	Bis(chloromethyl)ether
Dimethyl carbamoyl chloride	Hexamethylphosphoramide
2-Nitropropane	N-Nitroso-N-methylurea
2,4,6-Trichlorophenol	1,3-Propane sultone
3,3-Dichlorobenzidene	2,3,7,8-Tetrachlorodibenzo-p-dioxin
4-Aminobiphenyl	Toxaphene (chlorinated camphene)
Benzidine	
o-Toluidine	

Site No. V-00150-7
VCA No. A7-0466-0102
Town of Cicero, Onondaga County, New York

REVISED TABLE 3 - SOIL VAPOR and AIR SAMPLES - TCL VOCs

				Matrix: Soil Vapor and Air Samples	
				Dunn Tire Office	
Compound	Background Indoor Air NYSDOH Study ¹ (µg/m ³)	Draft NYSDOH Guideline ² (µg/m ³)	OSHA PEL ³ (µg/m ³)	Concentration (µg/m ³)	
				SV-1	IA-2
				3/18-19/06	3/18-19/06
1,1,1-Trichloroethane (1,1,1-TCA)	<0.25 - 1.4	---	NS	1 J	ND
1,1,2,2-Tetrachloroethane	<0.25	---	35,000	ND	ND
1,1,2-Trichloroethane	<0.25	---	1,900,000	ND	ND
1,1-Dichloroethane	<0.25	---	400,000	3	ND
1,1-Dichloroethene	<0.25	---	NS	ND	ND
1,2,4-Trichlorobenzene	NS	---	NS	ND	ND
1,2,4-Trimethylbenzene	<0.25	---	NS	20	7
1,2-Dibromoethane (EDB)	<0.25	---	153,700	ND	ND
1,2-Dichlorobenzene	<0.25	---	300,000 (C)	ND	ND
1,2-Dichloroethane	<0.25	---	202,000	ND	ND
1,2-Dichloropropane	<0.25	---	350,000	ND	ND
1,3,5-Trimethylbenzene	<0.25	---	NS	6	2
1,3-Butadiene	NS	---	2,210	ND	ND
1,3-Dichlorobenzene	<0.25	---	NS	ND	ND
1,4-Dichlorobenzene	NA	---	450,000	ND	1
1,4-Dioxane (1,4-Diethyldioxide)	NS	---	360,000	ND	ND
2,2,4-Trimethylpentane (Isooctane)	NS	---	NS	6	2
2-Hexanone (MBK)	NS	---	410,000	ND	ND
4-Ethyltoluene	NS	---	NS	12	3
Acetone (2-propanone)	10 - 46	---	2,400,000	40	74
Allyl chloride (Vinylacetonitrile)	NS	---	3,000	ND	ND
Benzene	1.2 - 5.7	---	5,000	17	3
Benzyl chloride (Chloromethylbenzene)	NS	---	5,000	ND	ND
Bromodichloromethane	NA	---	NS	ND	ND
Bromoform	NA	---	5,000	ND	ND
Bromomethane (Methyl Bromide)	<0.25	---	NS	ND	ND
Carbon Disulfide	NS	---	62,270	32	6
Carbon Tetrachloride	<0.25 - 0.68	---	62,900	ND	ND
Chlorobenzene	<0.25	---	350,000	ND	ND
Chloroethane	NS	---	NS	ND	ND
Chloroform	<0.25 - 0.54	---	240,000 (C)	2	ND
Chloromethane (Methyl Chloride)	<0.25 - 2.0	---	206,540	1	1
cis-1,2-Dichloroethene	<0.25	---	790,000	8	ND
cis-1,3-Dichloropropene	NS	---	NS	ND	ND
Cyclohexane	NS	---	1,050,000	227	4
Dibromochloromethane	NA	---	NS	ND	ND
Ethyl Acetate	NS	---	1,400,000	ND	ND
Ethyl Benzene	0.43 - 2.8	---	435,000	19	5
Freon 11 (Trichlorofluoromethane)	NS	---	NS	3	4
Freon 114 (Dichlorotetrafluoroethane)	NS	---	7,000,000	ND	ND
Freon 113 (1,1,2-Trichlorotrifluoroethane)	NS	---	7,600,000	ND	ND
Freon 12 (Dichlorodifluoromethane)	NA	---	4,950,000	2	3
Hexachloro-1,3-butadiene	NS	---	NS	ND	ND
m/p-Xylenes	0.52 - 4.7	---	435,000	65	18
Methyl ethyl ketone (MEK)	NS	---	590,000	ND	1 J
Methyl isobutyl ketone (MIBK)	NS	---	410,000	3	59
Methyl tert-butyl Ether (MTBE)	<0.25 - 6.7	---	NS	ND	ND
Methylene Chloride	0.38 - 6.3	60	86,810	1	1
Heptane (n-Heptane)	NS	---	1,800,000	60	32
Hexane (n-Hexane)	0.63 - 6.5	---	2,000,000	6,740	8
o-Xylene	0.39 - 3.1	---	435,000	19	5
Propylene	NS	---	NS	ND	ND
Styrene	<0.25 - 0.68	---	425,770	2	7
Tetrachloroethene (PCE)	<0.25 - 1.2	100	676,890	15	56
Tetrahydrofuran	NS	---	590,000	ND	ND
Toluene	4.2 - 25	---	753,700	303	13
trans-1,2-Dichloroethene	NS	---	790,000	ND	ND
trans-1,3-Dichloropropene	NS	---	NS	ND	ND
Trichloroethene (TCE)	<0.25	5	537,420	30	1
Vinyl Acetate	NS	---	NS	ND	ND
Vinyl Bromide (Bromoethene)	NS	---	NS	ND	ND
Vinyl Chloride	<0.25	---	2,560	ND	ND

Notes: (C) - OSHA ceiling value
NS- No Standard/Draft Guideline
ND - Not detected greater than MDL

Site No. V-00150-7
VCA No. A7-0466-0102
Town of Cicero, Onondaga County, New York

REVISED TABLE 3 - SOIL VAPOR and AIR SAMPLES - TCL VOCs

Date Sampled: March 18 - 19, 2006

Matrix: Soil Vapor and Air Samples

Compound	Background Indoor Air NYSDOH Study ¹ (µg/m ³)	Draft NYSDOH Guideline ² (µg/m ³)	OSHA PEL ³ (µg/m ³)	Dunn Tire Shop			Outdoor (ambient)	
				Concentration (µg/m ³)				
				SV-2	IA-1		OA-1	
				3/18-19/06	3/18-19/06		3/18-19/06	
1,1,1-Trichloroethane (1,1,1-TCA)	<0.25 - 1.4	---	NS	5	ND		ND	
1,1,2,2-Tetrachloroethane	<0.25	---	35,000	ND	ND		ND	
1,1,2-Trichloroethane	<0.25	---	1,900,000	ND	ND		ND	
1,1-Dichloroethane	<0.25	---	400,000	ND	ND		ND	
1,1-Dichloroethene	<0.25	---	NS	ND	ND		ND	
1,2,4-Trichlorobenzene	NS	---	NS	ND	ND		ND	
1,2,4-Trimethylbenzene	<0.25	---	NS	11	5		1	
1,2-Dibromoethane (EDB)	<0.25	---	153,700	ND	ND		ND	
1,2-Dichlorobenzene	<0.25	---	300,000 (C)	ND	ND		ND	
1,2-Dichloroethane	<0.25	---	202,000	ND	ND		ND	
1,2-Dichloropropane	<0.25	---	350,000	ND	ND		ND	
1,3,5-Trimethylbenzene	<0.25	---	NS	5	2		ND	
1,3-Butadiene	NS	---	2,210	ND	ND		ND	
1,3-Dichlorobenzene	<0.25	---	NS	ND	ND		ND	
1,4-Dichlorobenzene	NA	---	450,000	ND	1	J	ND	
1,4-Dioxane (1,4-Diethyldioxide)	NS	---	360,000	ND	ND		ND	
2,2,4-Trimethylpentane (Isooctane)	NS	---	NS	ND	2		ND	
2-Hexanone (MBK)	NS	---	410,000	ND	ND		ND	
4-Ethyltoluene	NS	---	NS	10	2		1	J
Acetone (2-propanone)	10 - 46	---	2,400,000	41	36		26	
Allyl chloride (Vinylacetonitrile)	NS	---	3,000	ND	ND		ND	
Benzene	1.2 - 5.7	---	5,000	13	2		1	
Benzyl chloride (Chloromethylbenzene)	NS	---	5,000	ND	ND		ND	
Bromodichloromethane	NA	---	NS	2	ND		ND	
Bromoform	NA	---	5,000	ND	ND		ND	
Bromomethane (Methyl Bromide)	<0.25	---	NS	ND	ND		ND	
Carbon Disulfide	NS	---	62,270	54	2		ND	
Carbon Tetrachloride	<0.25 - 0.68	---	62,900	ND	ND		ND	
Chlorobenzene	<0.25	---	350,000	ND	ND		ND	
Chloroethane	NS	---	NS	ND	ND		ND	
Chloroform	<0.25 - 0.54	---	240,000 (C)	16	ND		ND	
Chloromethane (Methyl Chloride)	<0.25 - 2.0	---	206,540	ND	1		1	
cis-1,2-Dichloroethene	<0.25	---	790,000	15	1		ND	
cis-1,3-Dichloropropene	NS	---	NS	ND	ND		ND	
Cyclohexane	NS	---	1,050,000	812	2		ND	
Dibromochloromethane	NA	---	NS	ND	ND		ND	
Ethyl Acetate	NS	---	1,400,000	ND	ND		ND	
Ethyl Benzene	0.43 - 2.8	---	435,000	17	2		ND	
Freon 11 (Trichlorofluoromethane)	NS	---	NS	2	3		1	
Freon 114 (Dichlorotetrafluoroethane)	NS	---	7,000,000	ND	ND		ND	
Freon 113 (1,1,2-Trichlorotrifluoroethane)	NS	---	7,600,000	ND	ND		ND	
Freon 12 (Dichlorodifluoromethane)	NA	---	4,950,000	2	3		3	
Hexachloro-1,3-butadiene	NS	---	NS	ND	ND		ND	
m/p-Xylenes	0.52 - 4.7	---	435,000	54	13	J	1	J
Methyl ethyl ketone (MEK)	NS	---	590,000	ND	1	J	1	J
Methyl isobutyl ketone (MIBK)	NS	---	410,000	3	28		ND	
Methyl tert-butyl Ether (MTBE)	<0.25 - 6.7	---	NS	ND	1		ND	
Methylene Chloride	0.38 - 6.3	60	86,810	1	1		0.4	J
Heptane (n-Heptane)	NS	---	1,800,000	64	18		ND	
Hexane (n-Hexane)	0.63 - 6.5	---	2,000,000	10,600	6		0.4	J
o-Xylene	0.39 - 3.1	---	435,000	13	3		ND	
Propylene	NS	---	NS	ND	ND		ND	
Styrene	<0.25 - 0.68	---	425,770	8	3		ND	
Tetrachloroethene (PCE)	<0.25 - 1.2	100	676,890	86	37		ND	
Tetrahydrofuran	NS	---	590,000	ND	ND		ND	
Toluene	4.2 - 25	---	753,700	6,620	18		1	
trans-1,2-Dichloroethene	NS	---	790,000	ND	ND		ND	
trans-1,3-Dichloropropene	NS	---	NS	ND	ND		ND	
Trichloroethene (TCE)	<0.25	5	537,420	33	2		ND	
Vinyl Acetate	NS	---	NS	ND	ND		ND	
Vinyl Bromide (Bromoethene)	NS	---	NS	ND	ND		ND	
Vinyl Chloride	<0.25	---	2,560	ND	ND		ND	

Notes: (C) - OSHA ceiling value
NS- No Standard/Draft Guideline
ND - Not detected greater than MDL

Site No. V-00150-7
VCA No. A7-0466-0102
Town of Cicero, Onondaga County, New York

REVISED TABLE 3 - SOIL VAPOR and AIR SAMPLES - TCL VOCs

Date Sampled: March 18 - 19, 2006

Matrix: Soil Vapor and Air Samples

Compound	Background Indoor Air NYSDOH Study ¹ (µg/m ³)	Draft NYSDOH Guideline ² (µg/m ³)	OSHA PEL ³ (µg/m ³)	Concentration (µg/m ³)	
				SVE-1	SVE-2
				11/15/05	11/15/05
1,1,1-Trichloroethane (1,1,1-TCA)	<0.25 - 1.4	---	NS	ND	ND
1,1,2,2-Tetrachloroethane	<0.25	---	35,000	ND	ND
1,1,2-Trichloroethane	<0.25	---	1,900,000	ND	ND
1,1-Dichloroethane	<0.25	---	400,000	ND	ND
1,1-Dichloroethene	<0.25	---	NS	ND	ND
1,2,4-Trichlorobenzene	NS	---	NS	ND	ND
1,2,4-Trimethylbenzene	<0.25	---	NS	ND	ND
1,2-Dibromoethane (EDB)	<0.25	---	153,700	3	10
1,2-Dichlorobenzene	<0.25	---	300,000 (C)	ND	ND
1,2-Dichloroethane	<0.25	---	202,000	ND	ND
1,2-Dichloropropane	<0.25	---	350,000	ND	ND
1,3,5-Trimethylbenzene	<0.25	---	NS	ND	ND
1,3-Butadiene	NS	---	2,210	2	5
1,3-Dichlorobenzene	<0.25	---	NS	ND	ND
1,4-Dichlorobenzene	NA	---	450,000	ND	ND
1,4-Dioxane (1,4-Diethyldioxide)	NS	---	360,000	1	2
2,2,4-Trimethylpentane (Isooctane)	NS	---	NS	ND	ND
2-Hexanone (MBK)	NS	---	410,000	ND	3
4-Ethyltoluene	NS	---	NS	ND	ND
Acetone (2-propanone)	10 - 46	---	2,400,000	ND	ND
Allyl chloride (Vinylacetonitrile)	NS	---	3,000	1	4
Benzene	1.2 - 5.7	---	5,000	ND	ND
Benzyl chloride (Chloromethylbenzene)	NS	---	5,000	ND	ND
Bromodichloromethane	NA	---	NS	ND	ND
Bromoform	NA	---	5,000	1	19
Bromomethane (Methyl Bromide)	<0.25	---	NS	ND	ND
Carbon Disulfide	NS	---	62,270	ND	ND
Carbon Tetrachloride	<0.25 - 0.68	---	62,900	ND	ND
Chlorobenzene	<0.25	---	350,000	ND	ND
Chloroethane	NS	---	NS	ND	41
Chloroform	<0.25 - 0.54	---	240,000 (C)	ND	ND
Chloromethane (Methyl Chloride)	<0.25 - 2.0	---	206,540	ND	ND
cis-1,2-Dichloroethene	<0.25	---	790,000	ND	ND
cis-1,3-Dichloropropene	NS	---	NS	ND	ND
Cyclohexane	NS	---	1,050,000	ND	ND
Dibromochloromethane	NA	---	NS	ND	13
Ethyl Acetate	NS	---	1,400,000	ND	ND
Ethyl Benzene	0.43 - 2.8	---	435,000	ND	21
Freon 11 (Trichlorofluoromethane)	NS	---	NS	ND	ND
Freon 114 (Dichlorotetrafluoroethane)	NS	---	7,000,000	3	8
Freon 113 (1,1,2-Trichlorotrifluoroethane)	NS	---	7,600,000	ND	ND
Freon 12 (Dichlorodifluoromethane)	NA	---	4,950,000	ND	ND
Hexachloro-1,3-butadiene	NS	---	NS	0	14
m/p-Xylenes	0.52 - 4.7	---	435,000	ND	ND
Methyl ethyl ketone (MEK)	NS	---	590,000	5	39
Methyl isobutyl ketone (MIBK)	NS	---	410,000	ND	3
Methyl tert-butyl Ether (MTBE)	<0.25 - 6.7	---	NS	19	7
Methylene Chloride	0.38 - 6.3	60	86,810	1 J	42
Heptane (n-Heptane)	NS	---	1,800,000	1	47
Hexane (n-Hexane)	0.63 - 6.5	---	2,000,000	2	10
o-Xylene	0.39 - 3.1	---	435,000	ND	ND
Propylene	NS	---	NS	6	16
Styrene	<0.25 - 0.68	---	425,770	ND	7
Tetrachloroethene (PCE)	<0.25 - 1.2	100	676,890	ND	ND
Tetrahydrofuran	NS	---	590,000	5	69
Toluene	4.2 - 25	---	753,700	ND	ND
trans-1,2-Dichloroethene	NS	---	790,000	ND	ND
trans-1,3-Dichloropropene	NS	---	NS	ND	ND
Trichloroethene (TCE)	<0.25	5	537,420	2	1
Vinyl Acetate	NS	---	NS	ND	ND
Vinyl Bromide (Bromoethene)	NS	---	NS	ND	ND
Vinyl Chloride	<0.25	---	2,560	ND	2,400

Notes: (C) - OSHA ceiling value
NS- No Standard/Draft Guideline
ND - Not detected greater than MDL

Site No. V-00150-7
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Town of Cicero, Onondaga County, New York

REVISED TABLE 3 - SOIL VAPOR and AIR SAMPLES - TCL VOCs

Date Sampled: March 18 - 19, 2006

Matrix: Soil Vapor and Air Samples

Compound	Background Indoor Air NYSDOH Study ¹ (µg/m ³)	Draft NYSDOH Guideline ² (µg/m ³)	OSHA PEL ³ (µg/m ³)	Concentration (µg/m ³)	
				SVE-3	SVE-4
				11/15/05	11/15/05
1,1,1-Trichloroethane (1,1,1-TCA)	<0.25 - 1.4	---	NS	ND	ND
1,1,2,2-Tetrachloroethane	<0.25	---	35,000	ND	ND
1,1,2-Trichloroethane	<0.25	---	1,900,000	ND	ND
1,1-Dichloroethane	<0.25	---	400,000	ND	ND
1,1-Dichloroethene	<0.25	---	NS	ND	ND
1,2,4-Trichlorobenzene	NS	---	NS	ND	ND
1,2,4-Trimethylbenzene	<0.25	---	NS	ND	ND
1,2-Dibromoethane (EDB)	<0.25	---	153,700	5	7
1,2-Dichlorobenzene	<0.25	---	300,000 (C)	ND	ND
1,2-Dichloroethane	<0.25	---	202,000	ND	ND
1,2-Dichloropropane	<0.25	---	350,000	ND	ND
1,3,5-Trimethylbenzene	<0.25	---	NS	ND	ND
1,3-Butadiene	NS	---	2,210	3	4
1,3-Dichlorobenzene	<0.25	---	NS	ND	ND
1,4-Dichlorobenzene	NA	---	450,000	ND	ND
1,4-Dioxane (1,4-Diethyldioxide)	NS	---	360,000	2	ND
2,2,4-Trimethylpentane (Isooctane)	NS	---	NS	ND	ND
2-Hexanone (MBK)	NS	---	410,000	ND	2
4-Ethyltoluene	NS	---	NS	ND	ND
Acetone (2-propanone)	10 - 46	---	2,400,000	ND	ND
Allyl chloride (Vinylacetonitrile)	NS	---	3,000	1	2
Benzene	1.2 - 5.7	---	5,000	ND	ND
Benzyl chloride (Chloromethylbenzene)	NS	---	5,000	ND	ND
Bromodichloromethane	NA	---	NS	ND	ND
Bromoform	NA	---	5,000	1	5
Bromomethane (Methyl Bromide)	<0.25	---	NS	ND	ND
Carbon Disulfide	NS	---	62,270	ND	ND
Carbon Tetrachloride	<0.25 - 0.68	---	62,900	ND	ND
Chlorobenzene	<0.25	---	350,000	ND	ND
Chloroethane	NS	---	NS	0 J	6
Chloroform	<0.25 - 0.54	---	240,000 (C)	ND	ND
Chloromethane (Methyl Chloride)	<0.25 - 2.0	---	206,540	ND	ND
cis-1,2-Dichloroethene	<0.25	---	790,000	ND	ND
cis-1,3-Dichloropropene	NS	---	NS	ND	1
Cyclohexane	NS	---	1,050,000	ND	ND
Dibromochloromethane	NA	---	NS	ND	38
Ethyl Acetate	NS	---	1,400,000	ND	ND
Ethyl Benzene	0.43 - 2.8	---	435,000	ND	7
Freon 11 (Trichlorofluoromethane)	NS	---	NS	ND	ND
Freon 114 (Dichlorotetrafluoroethane)	NS	---	7,000,000	3	3
Freon 113 (1,1,2-Trichlorotrifluoroethane)	NS	---	7,600,000	ND	ND
Freon 12 (Dichlorodifluoromethane)	NA	---	4,950,000	ND	ND
Hexachloro-1,3-butadiene	NS	---	NS	3	6
m/p-Xylenes	0.52 - 4.7	---	435,000	ND	ND
Methyl ethyl ketone (MEK)	NS	---	590,000	8	13
Methyl isobutyl ketone (MIBK)	NS	---	410,000	ND	ND
Methyl tert-butyl Ether (MTBE)	<0.25 - 6.7	---	NS	45	38
Methylene Chloride	0.38 - 6.3	60	86,810	1	11
Heptane (n-Heptane)	NS	---	1,800,000	1	11
Hexane (n-Hexane)	0.63 - 6.5	---	2,000,000	2	4
o-Xylene	0.39 - 3.1	---	435,000	ND	ND
Propylene	NS	---	NS	9	9
Styrene	<0.25 - 0.68	---	425,770	1	8
Tetrachloroethene (PCE)	<0.25 - 1.2	100	676,890	ND	ND
Tetrahydrofuran	NS	---	590,000	7	18
Toluene	4.2 - 25	---	753,700	ND	5
trans-1,2-Dichloroethene	NS	---	790,000	ND	ND
trans-1,3-Dichloropropene	NS	---	NS	ND	1
Trichloroethene (TCE)	<0.25	5	537,420	2	2
Vinyl Acetate	NS	---	NS	ND	ND
Vinyl Bromide (Bromoethene)	NS	---	NS	ND	ND
Vinyl Chloride	<0.25	---	2,560	ND	297

Notes: (C) - OSHA ceiling value
NS- No Standard/Draft Guideline
ND - Not detected greater than MDL

Site No. ✓-00150-7
VCA No. A7-0466-0102
Town of Cicero, Onondaga County, New York

REVISED TABLE 3 - SOIL VAPOR and AIR SAMPLES - TCL VOCs

Date Sampled: March 18 - 19, 2006

Matrix: Soil Vapor and Air Samples

Compound	Background Indoor Air NYSDOH Study ¹ (µg/m ³)	Draft NYSDOH Guideline ² (µg/m ³)	OSHA PEL ³ (µg/m ³)	Concentration (µg/m ³)	
				SVE-5	SVE-6
				11/15/05	11/15/05
1,1,1-Trichloroethane (1,1,1-TCA)	<0.25 - 1.4	---	NS	1	ND
1,1,2,2-Tetrachloroethane	<0.25	---	35,000	ND	ND
1,1,2-Trichloroethane	<0.25	---	1,900,000	ND	ND
1,1-Dichloroethane	<0.25	---	400,000	1	ND
1,1-Dichloroethene	<0.25	---	NS	ND	ND
1,2,4-Trichlorobenzene	NS	---	NS	ND	ND
1,2,4-Trimethylbenzene	<0.25	---	NS	ND	ND
1,2-Dibromoethane (EDB)	<0.25	---	153,700	7	7
1,2-Dichlorobenzene	<0.25	---	300,000 (C)	ND	ND
1,2-Dichloroethane	<0.25	---	202,000	ND	ND
1,2-Dichloropropane	<0.25	---	350,000	ND	ND
1,3,5-Trimethylbenzene	<0.25	---	NS	ND	ND
1,3-Butadiene	NS	---	2,210	4	3
1,3-Dichlorobenzene	<0.25	---	NS	ND	ND
1,4-Dichlorobenzene	NA	---	450,000	ND	ND
1,4-Dioxane (1,4-Diethyldioxide)	NS	---	360,000	2	ND
2,2,4-Trimethylpentane (Isooctane)	NS	---	NS	ND	ND
2-Hexanone (MBK)	NS	---	410,000	2	3
4-Ethyltoluene	NS	---	NS	ND	ND
Acetone (2-propanone)	10 - 46	---	2,400,000	ND	ND
Allyl chloride (Vinylacetonitrile)	NS	---	3,000	2	2
Benzene	1.2 - 5.7	---	5,000	ND	ND
Benzyl chloride (Chloromethylbenzene)	NS	---	5,000	ND	ND
Bromodichloromethane	NA	---	NS	ND	ND
Bromoform	NA	---	5,000	6	3
Bromomethane (Methyl Bromide)	<0.25	---	NS	ND	ND
Carbon Disulfide	NS	---	62,270	ND	ND
Carbon Tetrachloride	<0.25 - 0.68	---	62,900	ND	ND
Chlorobenzene	<0.25	---	350,000	ND	ND
Chloroethane	NS	---	NS	4	19
Chloroform	<0.25 - 0.54	---	240,000 (C)	ND	ND
Chloromethane (Methyl Chloride)	<0.25 - 2.0	---	206,540	ND	ND
cis-1,2-Dichloroethene	<0.25	---	790,000	ND	ND
cis-1,3-Dichloropropene	NS	---	NS	5	ND
Cyclohexane	NS	---	1,050,000	ND	ND
Dibromochloromethane	NA	---	NS	38	ND
Ethyl Acetate	NS	---	1,400,000	ND	ND
Ethyl Benzene	0.43 - 2.8	---	435,000	5	14
Freon 11 (Trichlorofluoromethane)	NS	---	NS	ND	ND
Freon 114 (Dichlorotetrafluoroethane)	NS	---	7,000,000	15	5
Freon 113 (1,1,2-Trichlorotrifluoroethane)	NS	---	7,600,000	ND	ND
Freon 12 (Dichlorodifluoromethane)	NA	---	4,950,000	ND	ND
Hexachloro-1,3-butadiene	NS	---	NS	6	7
m/p-Xylenes	0.52 - 4.7	---	435,000	ND	ND
Methyl ethyl ketone (MEK)	NS	---	590,000	14	16
Methyl isobutyl ketone (MIBK)	NS	---	410,000	ND	ND
Methyl tert-butyl Ether (MTBE)	<0.25 - 6.7	---	NS	47	44
Methylene Chloride	0.38 - 6.3	60	86,810	9	21
Heptane (n-Heptane)	NS	---	1,800,000	10	65
Hexane (n-Hexane)	0.63 - 6.5	---	2,000,000	4	5
o-Xylene	0.39 - 3.1	---	435,000	ND	ND
Propylene	NS	---	NS	10	9
Styrene	<0.25 - 0.68	---	425,770	281	6
Tetrachloroethene (PCE)	<0.25 - 1.2	100	676,890	ND	ND
Tetrahydrofuran	NS	---	590,000	23	22
Toluene	4.2 - 25	---	753,700	ND	ND
trans-1,2-Dichloroethene	NS	---	790,000	ND	ND
trans-1,3-Dichloropropene	NS	---	NS	222	ND
Trichloroethene (TCE)	<0.25	5	537,420	2	1
Vinyl Acetate	NS	---	NS	ND	ND
Vinyl Bromide (Bromoethene)	NS	---	NS	ND	ND
Vinyl Chloride	<0.25	---	2,560	1	ND

Notes: (C) - OSHA ceiling value
NS- No Standard/Draft Guideline
ND - Not detected greater than MDL

Site No. V-00150-7
VCA No. A7-0466-0102
Town of Cicero, Onondaga County, New York

REVISED TABLE 3 - SOIL VAPOR and AIR SAMPLES - TCL VOCs

Date Sampled: March 18 - 19, 2006
Matrix: Soil Vapor and Air Samples

Compound	Background Indoor Air NYSDOH Study ¹ (µg/m ³)	Draft NYSDOH Guideline ² (µg/m ³)	OSHA PEL ³ (µg/m ³)	Concentration (µg/m ³)	
				SVE-7	SVE-8
				11/15/05	11/15/05
1,1,1-Trichloroethane (1,1,1-TCA)	<0.25 - 1.4	---	NS	ND	ND
1,1,2,2-Tetrachloroethane	<0.25	---	35,000	ND	ND
1,1,2-Trichloroethane	<0.25	---	1,900,000	ND	ND
1,1-Dichloroethane	<0.25	---	400,000	ND	1 J
1,1-Dichloroethene	<0.25	---	NS	ND	ND
1,2,4-Trichlorobenzene	NS	---	NS	ND	ND
1,2,4-Trimethylbenzene	<0.25	---	NS	ND	ND
1,2-Dibromoethane (EDB)	<0.25	---	153,700	7	5
1,2-Dichlorobenzene	<0.25	---	300,000 (C)	ND	ND
1,2-Dichloroethane	<0.25	---	202,000	ND	ND
1,2-Dichloropropane	<0.25	---	350,000	ND	ND
1,3,5-Trimethylbenzene	<0.25	---	NS	ND	ND
1,3-Butadiene	NS	---	2,210	3	3
1,3-Dichlorobenzene	<0.25	---	NS	ND	ND
1,4-Dichlorobenzene	NA	---	450,000	ND	ND
1,4-Dioxane (1,4-Diethyldioxide)	NS	---	360,000	ND	2
2,2,4-Trimethylpentane (Isooctane)	NS	---	NS	ND	ND
2-Hexanone (MBK)	NS	---	410,000	ND	ND
4-Ethyltoluene	NS	---	NS	ND	ND
Acetone (2-propanone)	10 - 46	---	2,400,000	ND	ND
Allyl chloride (Vinylacetonitrile)	NS	---	3,000	2	1
Benzene	1.2 - 5.7	---	5,000	ND	ND
Benzyl chloride (Chloromethylbenzene)	NS	---	5,000	ND	ND
Bromodichloromethane	NA	---	NS	ND	ND
Bromoform	NA	---	5,000	2	1
Bromomethane (Methyl Bromide)	<0.25	---	NS	ND	ND
Carbon Disulfide	NS	---	62,270	ND	ND
Carbon Tetrachloride	<0.25 - 0.68	---	62,900	ND	ND
Chlorobenzene	<0.25	---	350,000	ND	ND
Chloroethane	NS	---	NS	3	0 J
Chloroform	<0.25 - 0.54	---	240,000 (C)	ND	ND
Chloromethane (Methyl Chloride)	<0.25 - 2.0	---	206,540	ND	ND
cis-1,2-Dichloroethene	<0.25	---	790,000	ND	ND
cis-1,3-Dichloropropene	NS	---	NS	ND	ND
Cyclohexane	NS	---	1,050,000	ND	ND
Dibromochloromethane	NA	---	NS	ND	ND
Ethyl Acetate	NS	---	1,400,000	ND	ND
Ethyl Benzene	0.43 - 2.8	---	435,000	140	ND
Freon 11 (Trichlorofluoromethane)	NS	---	NS	ND	ND
Freon 114 (Dichlorotetrafluoroethane)	NS	---	7,000,000	3	3
Freon 113 (1,1,2-Trichlorotrifluoroethane)	NS	---	7,600,000	ND	ND
Freon 12 (Dichlorodifluoromethane)	NA	---	4,950,000	ND	ND
Hexachloro-1,3-butadiene	NS	---	NS	5	3
m/p-Xylenes	0.52 - 4.7	---	435,000	ND	ND
Methyl ethyl ketone (MEK)	NS	---	590,000	14	7
Methyl isobutyl ketone (MIBK)	NS	---	410,000	ND	ND
Methyl tert-butyl Ether (MTBE)	<0.25 - 6.7	---	NS	53	7
Methylene Chloride	0.38 - 6.3	60	86,810	6	1
Heptane (n-Heptane)	NS	---	1,800,000	1,350	1
Hexane (n-Hexane)	0.63 - 6.5	---	2,000,000	4	2
o-Xylene	0.39 - 3.1	---	435,000	ND	ND
Propylene	NS	---	NS	10	8
Styrene	<0.25 - 0.68	---	425,770	ND	ND
Tetrachloroethene (PCE)	<0.25 - 1.2	100	676,890	ND	ND
Tetrahydrofuran	NS	---	590,000	28	7
Toluene	4.2 - 25	---	753,700	ND	ND
trans-1,2-Dichloroethene	NS	---	790,000	ND	ND
trans-1,3-Dichloropropene	NS	---	NS	ND	ND
Trichloroethene (TCE)	<0.25	5	537,420	2	2
Vinyl Acetate	NS	---	NS	ND	ND
Vinyl Bromide (Bromoethene)	NS	---	NS	ND	ND
Vinyl Chloride	<0.25	---	2,560	ND	ND

Notes: (C) - OSHA ceiling value
NS- No Standard/Draft Guideline
ND - Not detected greater than MDL

Site No. V-00150-7
VCA No. A7-0466-0102
Town of Cicero, Onondaga County, New York

REVISED TABLE 3 - SOIL VAPOR and AIR SAMPLES - TCL VOCs

Date Sampled: March 18 - 19, 2006

Matrix: Soil Vapor and Air Samples

Compound	Background Indoor Air NYSDOH Study ¹ (µg/m ³)	Draft NYSDOH Guideline ² (µg/m ³)	OSHA PEL ³ (µg/m ³)	Concentration (µg/m ³)	
				SV-9	SV-10
				11/15/05	11/15/05
1,1,1-Trichloroethane (1,1,1-TCA)	<0.25 - 1.4	---	NS	ND	ND
1,1,2,2-Tetrachloroethane	<0.25	---	35,000	ND	ND
1,1,2-Trichloroethane	<0.25	---	1,900,000	ND	ND
1,1-Dichloroethane	<0.25	---	400,000	ND	ND
1,1-Dichloroethene	<0.25	---	NS	ND	ND
1,2,4-Trichlorobenzene	NS	---	NS	ND	ND
1,2,4-Trimethylbenzene	<0.25	---	NS	ND	ND
1,2-Dibromoethane (EDB)	<0.25	---	153,700	15	7
1,2-Dichlorobenzene	<0.25	---	300,000 (C)	ND	ND
1,2-Dichloroethane	<0.25	---	202,000	ND	ND
1,2-Dichloropropane	<0.25	---	350,000	ND	ND
1,3,5-Trimethylbenzene	<0.25	---	NS	ND	ND
1,3-Butadiene	NS	---	2,210	9	3
1,3-Dichlorobenzene	<0.25	---	NS	ND	ND
1,4-Dichlorobenzene	NA	---	450,000	ND	ND
1,4-Dioxane (1,4-Diethyldioxide)	NS	---	360,000	ND	ND
2,2,4-Trimethylpentane (Isooctane)	NS	---	NS	ND	ND
2-Hexanone (MBK)	NS	---	410,000	102	1
4-Ethyltoluene	NS	---	NS	ND	ND
Acetone (2-propanone)	10 - 46	---	2,400,000	ND	ND
Allyl chloride (Vinylacetonitrile)	NS	---	3,000	5	2
Benzene	1.2 - 5.7	---	5,000	ND	ND
Benzyl chloride (Chloromethylbenzene)	NS	---	5,000	ND	ND
Bromodichloromethane	NA	---	NS	ND	ND
Bromoform	NA	---	5,000	10	5
Bromomethane (Methyl Bromide)	<0.25	---	NS	ND	ND
Carbon Disulfide	NS	---	62,270	ND	ND
Carbon Tetrachloride	<0.25 - 0.68	---	62,900	ND	ND
Chlorobenzene	<0.25	---	350,000	ND	ND
Chloroethane	NS	---	NS	66	5
Chloroform	<0.25 - 0.54	---	240,000 (C)	ND	ND
Chloromethane (Methyl Chloride)	<0.25 - 2.0	---	206,540	ND	ND
cis-1,2-Dichloroethene	<0.25	---	790,000	ND	ND
cis-1,3-Dichloropropene	NS	---	NS	1	ND
Cyclohexane	NS	---	1,050,000	ND	ND
Dibromochloromethane	NA	---	NS	ND	ND
Ethyl Acetate	NS	---	1,400,000	ND	ND
Ethyl Benzene	0.43 - 2.8	---	435,000	76	5
Freon 11 (Trichlorofluoromethane)	NS	---	NS	ND	ND
Freon 114 (Dichlorotetrafluoroethane)	NS	---	7,000,000	ND	3
Freon 113 (1,1,2-Trichlorotrifluoroethane)	NS	---	7,600,000	ND	ND
Freon 12 (Dichlorodifluoromethane)	NA	---	4,950,000	ND	ND
Hexachloro-1,3-butadiene	NS	---	NS	10	7
m/p-Xylenes	0.52 - 4.7	---	435,000	ND	ND
Methyl ethyl ketone (MEK)	NS	---	590,000	32	20
Methyl isobutyl ketone (MIBK)	NS	---	410,000	ND	ND
Methyl tert-butyl Ether (MTBE)	<0.25 - 6.7	---	NS	ND	ND
Methylene Chloride	0.38 - 6.3	60	86,810	50	9
Heptane (n-Heptane)	NS	---	1,800,000	103	17
Hexane (n-Hexane)	0.63 - 6.5	---	2,000,000	8	5
o-Xylene	0.39 - 3.1	---	435,000	ND	ND
Propylene	NS	---	NS	14	10
Styrene	<0.25 - 0.68	---	425,770	4	3
Tetrachloroethene (PCE)	<0.25 - 1.2	100	676,890	ND	ND
Tetrahydrofuran	NS	---	590,000	52	33
Toluene	4.2 - 25	---	753,700	ND	ND
trans-1,2-Dichloroethene	NS	---	790,000	ND	ND
trans-1,3-Dichloropropene	NS	---	NS	ND	ND
Trichloroethene (TCE)	<0.25	5	537,420	ND	1
Vinyl Acetate	NS	---	NS	ND	ND
Vinyl Bromide (Bromoethene)	NS	---	NS	ND	ND
Vinyl Chloride	<0.25	---	2,560	ND	ND

Notes: (C) - OSHA ceiling value
NS- No Standard/Draft Guideline
ND - Not detected greater than MDL

CENTEK LABORATORIES, LLC

143 Midler Park Drive * Syracuse, NY 13206

Phone (315) 431-9730 * Fax (315) 431-9731 * Emergency 24/7 (315) 416-2751

NELAC Certificate No. 11830



www.CentekLabs.com

Monday, March 27, 2006

Mr. Scott Zollo
Plumley Engineering
8232 Loop Rd
Baldwinsville, NY 13027

TEL: (315) 638-8587

FAX (315) 638-9740

RE: North Star 2003074

Dear Mr. Scott Zollo:

Order No.: C0603034

Centek Laboratories, LLC received 5 sample(s) on 3/20/2006 for the analyses presented in the following report.

Analytical results relate to samples as received at laboratory. We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services.

Centek Laboratories is distinctively qualified to meet your needs for precise and timely volatile organic compound analysis. We perform all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service.

Please contact your client service representative, Michael Palmer at (315) 431-9730, if you would like any additional information regarding this report.

Thank you for using Centek Laboratories. This report can not be reproduced except in its entirety, without prior written authorization.

Sincerely,

Michael Palmer
Director of Client Services

CLIENT: Plumley Engineering
Project: North Star 2003074
Lab Order: C0603034

CASE NARRATIVE

.All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Samples were analyzed using the methods outlined in the following references:

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

Chain of Custody

143 Midler Park Drive

Syracuse, NY 13206

Phone: 315-431-9730 Fax: 315-431-9731

Emergency: 315-416-2751 / 416-2752

Site Name: Northstar

Project: 2003074

PO#:

Other:

Detection Limit

Report Level

5ppbv

1ug/M3

☒ 1ug/M3 +TCE .25

☒	Level 1
-------------------------------------	---------

Level II

5. ☐ Cat "B" Like

Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	☒	0%	3/29/06
4 Business Days	☐	35%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
Next Day by 5pm	☐	100%	
Next Day by Noon	☐	150%	
Same Day	☐	200%	

Company: Plumley Eng
Report: same as billing
Phone:
Fax:
Email:

Company:	Plumley Eng.
Invoice:	Scott Zollo 8232 Loop Rd. Baldwinsville, NY 13027
Phone:	315-638-8587
Fax:	315-638-9740
Email:	SZollo@plumleyeng.com

[illegible]

Chain of Custody

Sampled by:

Relinquished by:

Received at Lab by:

Print Name _____

Signature _____

[illegible]

The Courier:

Scott A. Zullo

3/20/06

3	20	06
---	----	----

15:15

Van Duden

3/20/04

15:15

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Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-001A

Client Sample ID: SV-1
Tag Number: 211,62
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	0.13	0.150	J	ppbV	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	3/20/2006
1,1,2-Trichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1-Dichloroethane	0.610	0.150		ppbV	1	3/20/2006
1,1-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trimethylbenzene	4.00	1.50		ppbV	10	3/20/2006
1,2-Dibromoethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloroethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloropropane	ND	0.150		ppbV	1	3/20/2006
1,3,5-Trimethylbenzene	1.29	0.150		ppbV	1	3/20/2006
1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
1,3-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,4-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,4-Dioxane	ND	0.300		ppbV	1	3/20/2006
2,2,4-trimethylpentane	1.27	0.150		ppbV	1	3/20/2006
4-ethyltoluene	2.30	1.50		ppbV	10	3/20/2006
Acetone	16.6	3.00		ppbV	10	3/20/2006
Allyl chloride	ND	0.150		ppbV	1	3/20/2006
Benzene	5.30	1.50		ppbV	10	3/20/2006
Benzyl chloride	ND	0.150		ppbV	1	3/20/2006
Bromodichloromethane	ND	0.150		ppbV	1	3/20/2006
Bromoform	ND	0.150		ppbV	1	3/20/2006
Bromomethane	ND	0.150		ppbV	1	3/20/2006
Carbon disulfide	10.2	1.50		ppbV	10	3/20/2006
Carbon tetrachloride	ND	0.150		ppbV	1	3/20/2006
Chlorobenzene	ND	0.150		ppbV	1	3/20/2006
Chloroethane	ND	0.150		ppbV	1	3/20/2006
Chloroform	0.330	0.150		ppbV	1	3/20/2006
Chloromethane	0.470	0.150		ppbV	1	3/20/2006
cis-1,2-Dichloroethene	1.90	1.50		ppbV	10	3/20/2006
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Cyclohexane	64.8	7.20		ppbV	48	3/21/2006
Dibromochloromethane	ND	0.150		ppbV	1	3/20/2006
Ethyl acetate	ND	0.250		ppbV	1	3/20/2006
Ethylbenzene	4.20	1.50		ppbV	10	3/20/2006
Freon 11	0.490	0.150		ppbV	1	3/20/2006
Freon 113	ND	0.150		ppbV	1	3/20/2006
Freon 114	ND	0.150		ppbV	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-001A

Client Sample ID: SV-1
Tag Number: 211,62
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
Freon 12	0.440	0.150		ppbV	1	3/20/2006
Heptane	14.5	1.50		ppbV	10	3/20/2006
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
Hexane	1880	144		ppbV	960	3/21/2006
Isopropyl alcohol	ND	0.150		ppbV	1	3/20/2006
m&p-Xylene	14.7	3.00		ppbV	10	3/20/2006
Methyl Butyl Ketone	ND	0.300		ppbV	1	3/20/2006
Methyl Ethyl Ketone	ND	0.300		ppbV	1	3/20/2006
Methyl Isobutyl Ketone	0.620	0.300		ppbV	1	3/20/2006
Methyl tert-butyl ether	ND	0.150		ppbV	1	3/20/2006
Methylene chloride	0.170	0.150		ppbV	1	3/20/2006
o-Xylene	4.40	1.50		ppbV	10	3/20/2006
Propylene	ND	0.150		ppbV	1	3/20/2006
Styrene	0.410	0.150		ppbV	1	3/20/2006
Tetrachloroethylene	2.10	1.50		ppbV	10	3/20/2006
Tetrahydrofuran	ND	0.150		ppbV	1	3/20/2006
Toluene	79.2	7.20		ppbV	48	3/21/2006
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Trichloroethene	5.40	0.400		ppbV	10	3/20/2006
Vinyl acetate	ND	0.150		ppbV	1	3/20/2006
Vinyl Bromide	ND	0.150		ppbV	1	3/20/2006
Vinyl chloride	ND	0.150		ppbV	1	3/20/2006
Surr: Bromofluorobenzene	104	70-130		%REC	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-002A

Client Sample ID: SV-2
Tag Number: 286,154
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	0.930	0.150		ppbV	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	3/20/2006
1,1,2-Trichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1-Dichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trimethylbenzene	2.10	1.50		ppbV	10	3/20/2006
1,2-Dibromoethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloroethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloropropane	ND	0.150		ppbV	1	3/20/2006
1,3,5-Trimethylbenzene	0.910	0.150		ppbV	1	3/20/2006
1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
1,3-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,4-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,4-Dioxane	ND	0.300		ppbV	1	3/20/2006
2,2,4-trimethylpentane	ND	0.150		ppbV	1	3/20/2006
4-ethyltoluene	1.94	0.150		ppbV	1	3/20/2006
Acetone	17.0	3.00		ppbV	10	3/20/2006
Allyl chloride	ND	0.150		ppbV	1	3/20/2006
Benzene	3.90	1.50		ppbV	10	3/20/2006
Benzyl chloride	ND	0.150		ppbV	1	3/20/2006
Bromodichloromethane	0.230	0.150		ppbV	1	3/20/2006
Bromoform	ND	0.150		ppbV	1	3/20/2006
Bromomethane	ND	0.150		ppbV	1	3/20/2006
Carbon disulfide	17.2	1.50		ppbV	10	3/20/2006
Carbon tetrachloride	ND	0.150		ppbV	1	3/20/2006
Chlorobenzene	ND	0.150		ppbV	1	3/20/2006
Chloroethane	ND	0.150		ppbV	1	3/20/2006
Chloroform	3.30	1.50		ppbV	10	3/20/2006
Chloromethane	ND	0.150		ppbV	1	3/20/2006
cis-1,2-Dichloroethene	3.60	1.50		ppbV	10	3/20/2006
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Cyclohexane	232	24.0		ppbV	160	3/21/2006
Dibromochloromethane	ND	0.150		ppbV	1	3/20/2006
Ethyl acetate	ND	0.250		ppbV	1	3/20/2006
Ethylbenzene	3.90	1.50		ppbV	10	3/20/2006
Freon 11	0.360	0.150		ppbV	1	3/20/2006
Freon 113	ND	0.150		ppbV	1	3/20/2006
Freon 114	ND	0.150		ppbV	1	3/20/2006

Qualifiers:
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
JN Non-routine analyte. Quantitation estimated.
S Spike Recovery outside accepted recovery limits

E Value above quantitation range
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-002A

Client Sample ID: SV-2
Tag Number: 286,154
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
Freon 12	0.460	0.150		ppbV	1	3/20/2006
Heptane	15.3	1.50		ppbV	10	3/20/2006
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
Hexane	2960	192		ppbV	1280	3/21/2006
Isopropyl alcohol	ND	0.150		ppbV	1	3/20/2006
m&p-Xylene	12.3	3.00		ppbV	10	3/20/2006
Methyl Butyl Ketone	ND	0.300		ppbV	1	3/20/2006
Methyl Ethyl Ketone	ND	0.300		ppbV	1	3/20/2006
Methyl Isobutyl Ketone	0.690	0.300		ppbV	1	3/20/2006
Methyl tert-butyl ether	ND	0.150		ppbV	1	3/20/2006
Methylene chloride	0.200	0.150		ppbV	1	3/20/2006
o-Xylene	2.90	1.50		ppbV	10	3/20/2006
Propylene	ND	0.150		ppbV	1	3/20/2006
Styrene	1.80	1.50		ppbV	10	3/20/2006
Tetrachloroethylene	12.4	1.50		ppbV	10	3/20/2006
Tetrahydrofuran	ND	0.150		ppbV	1	3/20/2006
Toluene	1730	192		ppbV	1280	3/21/2006
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Trichloroethene	6.10	0.400		ppbV	10	3/20/2006
Vinyl acetate	ND	0.150		ppbV	1	3/20/2006
Vinyl Bromide	ND	0.150		ppbV	1	3/20/2006
Vinyl chloride	ND	0.150		ppbV	1	3/20/2006
Surr: Bromofluorobenzene	120	70-130		%REC	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-003A

Client Sample ID: IA-1
Tag Number: 98,173
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	3/20/2006
1,1,2-Trichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1-Dichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trimethylbenzene	0.990	0.150		ppbV	1	3/20/2006
1,2-Dibromoethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloroethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloropropane	ND	0.150		ppbV	1	3/20/2006
1,3,5-Trimethylbenzene	0.380	0.150		ppbV	1	3/20/2006
1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
1,3-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,4-Dichlorobenzene	0.12	0.150	J	ppbV	1	3/20/2006
1,4-Dioxane	ND	0.300		ppbV	1	3/20/2006
2,2,4-trimethylpentane	0.360	0.150		ppbV	1	3/20/2006
4-ethyltoluene	0.370	0.150		ppbV	1	3/20/2006
Acetone	14.7	3.00		ppbV	10	3/20/2006
Allyl chloride	ND	0.150		ppbV	1	3/20/2006
Benzene	0.740	0.150		ppbV	1	3/20/2006
Benzyl chloride	ND	0.150		ppbV	1	3/20/2006
Bromodichloromethane	ND	0.150		ppbV	1	3/20/2006
Bromoform	ND	0.150		ppbV	1	3/20/2006
Bromomethane	ND	0.150		ppbV	1	3/20/2006
Carbon disulfide	0.720	0.150		ppbV	1	3/20/2006
Carbon tetrachloride	ND	0.150		ppbV	1	3/20/2006
Chlorobenzene	ND	0.150		ppbV	1	3/20/2006
Chloroethane	ND	0.150		ppbV	1	3/20/2006
Chloroform	ND	0.150		ppbV	1	3/20/2006
Chloromethane	0.620	0.150		ppbV	1	3/20/2006
cis-1,2-Dichloroethene	0.370	0.150		ppbV	1	3/20/2006
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Cyclohexane	0.670	0.150		ppbV	1	3/20/2006
Dibromochloromethane	ND	0.150		ppbV	1	3/20/2006
Ethyl acetate	ND	0.250		ppbV	1	3/20/2006
Ethylbenzene	0.530	0.150		ppbV	1	3/20/2006
Freon 11	0.540	0.150		ppbV	1	3/20/2006
Freon 113	ND	0.150		ppbV	1	3/20/2006
Freon 114	ND	0.150		ppbV	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-003A

Client Sample ID: IA-1
Tag Number: 98,173
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
Freon 12	0.520	0.150		ppbV	1	3/20/2006
Heptane	4.30	1.50		ppbV	10	3/20/2006
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
Hexane	1.67	0.150		ppbV	1	3/20/2006
Isopropyl alcohol	ND	0.150		ppbV	1	3/20/2006
m&p-Xylene	2.9	3.00	J	ppbV	10	3/20/2006
Methyl Butyl Ketone	ND	0.300		ppbV	1	3/20/2006
Methyl Ethyl Ketone	0.20	0.300	J	ppbV	1	3/20/2006
Methyl Isobutyl Ketone	6.70	3.00		ppbV	10	3/20/2006
Methyl tert-butyl ether	0.240	0.150		ppbV	1	3/20/2006
Methylene chloride	0.380	0.150		ppbV	1	3/20/2006
o-Xylene	0.640	0.150		ppbV	1	3/20/2006
Propylene	ND	0.150		ppbV	1	3/20/2006
Styrene	0.640	0.150		ppbV	1	3/20/2006
Tetrachloroethylene	5.30	1.50		ppbV	10	3/20/2006
Tetrahydrofuran	ND	0.150		ppbV	1	3/20/2006
Toluene	4.80	1.50		ppbV	10	3/20/2006
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Trichloroethene	0.410	0.0400		ppbV	1	3/20/2006
Vinyl acetate	ND	0.150		ppbV	1	3/20/2006
Vinyl Bromide	ND	0.150		ppbV	1	3/20/2006
Vinyl chloride	ND	0.150		ppbV	1	3/20/2006
Surr: Bromofluorobenzene	94.0	70-130		%REC	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-004A

Client Sample ID: IA-2
Tag Number: 291,340
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	3/20/2006
1,1,2-Trichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1-Dichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trimethylbenzene	1.43	0.150		ppbV	1	3/20/2006
1,2-Dibromoethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloroethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloropropane	ND	0.150		ppbV	1	3/20/2006
1,3,5-Trimethylbenzene	0.480	0.150		ppbV	1	3/20/2006
1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
1,3-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,4-Dichlorobenzene	0.170	0.150		ppbV	1	3/20/2006
1,4-Dioxane	ND	0.300		ppbV	1	3/20/2006
2,2,4-trimethylpentane	0.500	0.150		ppbV	1	3/20/2006
4-ethyltoluene	0.510	0.150		ppbV	1	3/20/2006
Acetone	30.8	6.00		ppbV	20	3/21/2006
Allyl chloride	ND	0.150		ppbV	1	3/20/2006
Benzene	0.850	0.150		ppbV	1	3/20/2006
Benzyl chloride	ND	0.150		ppbV	1	3/20/2006
Bromodichloromethane	ND	0.150		ppbV	1	3/20/2006
Bromoform	ND	0.150		ppbV	1	3/20/2006
Bromomethane	ND	0.150		ppbV	1	3/20/2006
Carbon disulfide	1.91	0.150		ppbV	1	3/20/2006
Carbon tetrachloride	ND	0.150		ppbV	1	3/20/2006
Chlorobenzene	ND	0.150		ppbV	1	3/20/2006
Chloroethane	ND	0.150		ppbV	1	3/20/2006
Chloroform	ND	0.150		ppbV	1	3/20/2006
Chloromethane	0.530	0.150		ppbV	1	3/20/2006
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Cyclohexane	1.23	0.150		ppbV	1	3/20/2006
Dibromochloromethane	ND	0.150		ppbV	1	3/20/2006
Ethyl acetate	ND	0.250		ppbV	1	3/20/2006
Ethylbenzene	1.02	0.150		ppbV	1	3/20/2006
Freon 11	0.700	0.150		ppbV	1	3/20/2006
Freon 113	ND	0.150		ppbV	1	3/20/2006
Freon 114	ND	0.150		ppbV	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering

Client Sample ID: IA-2

Lab Order: C0603034

Tag Number: 291,340

Project: North Star 2003074

Collection Date: 3/18/2006

Lab ID: C0603034-004A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
Freon 12	0.510	0.150		ppbV	1	3/20/2006
Heptane	7.60	1.50		ppbV	10	3/20/2006
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
Hexane	2.30	1.50		ppbV	10	3/20/2006
Isopropyl alcohol	ND	0.150		ppbV	1	3/20/2006
m&p-Xylene	4.10	3.00		ppbV	10	3/20/2006
Methyl Butyl Ketone	ND	0.300		ppbV	1	3/20/2006
Methyl Ethyl Ketone	0.18	0.300	J	ppbV	1	3/20/2006
Methyl Isobutyl Ketone	14.1	3.00		ppbV	10	3/20/2006
Methyl tert-butyl ether	ND	0.150		ppbV	1	3/20/2006
Methylene chloride	0.150	0.150		ppbV	1	3/20/2006
o-Xylene	1.14	0.150		ppbV	1	3/20/2006
Propylene	ND	0.150		ppbV	1	3/20/2006
Styrene	1.53	0.150		ppbV	1	3/20/2006
Tetrachloroethylene	8.10	1.50		ppbV	10	3/20/2006
Tetrahydrofuran	ND	0.150		ppbV	1	3/20/2006
Toluene	3.30	1.50		ppbV	10	3/20/2006
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Trichloroethene	0.160	0.0400		ppbV	1	3/20/2006
Vinyl acetate	ND	0.150		ppbV	1	3/20/2006
Vinyl Bromide	ND	0.150		ppbV	1	3/20/2006
Vinyl chloride	ND	0.150		ppbV	1	3/20/2006
Surr: Bromofluorobenzene	99.0	70-130		%REC	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-005A

Client Sample ID: OA-1
Tag Number: 221,268
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	0.150		ppbV	1	3/20/2006
1,1,2-Trichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1-Dichloroethane	ND	0.150		ppbV	1	3/20/2006
1,1-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2,4-Trimethylbenzene	0.240	0.150		ppbV	1	3/20/2006
1,2-Dibromoethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloroethane	ND	0.150		ppbV	1	3/20/2006
1,2-Dichloropropane	ND	0.150		ppbV	1	3/20/2006
1,3,5-Trimethylbenzene	ND	0.150		ppbV	1	3/20/2006
1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
1,3-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,4-Dichlorobenzene	ND	0.150		ppbV	1	3/20/2006
1,4-Dioxane	ND	0.300		ppbV	1	3/20/2006
2,2,4-trimethylpentane	ND	0.150		ppbV	1	3/20/2006
4-ethyltoluene	0.10	0.150	J	ppbV	1	3/20/2006
Acetone	10.7	3.00		ppbV	10	3/20/2006
Allyl chloride	ND	0.150		ppbV	1	3/20/2006
Benzene	0.180	0.150		ppbV	1	3/20/2006
Benzyl chloride	ND	0.150		ppbV	1	3/20/2006
Bromodichloromethane	ND	0.150		ppbV	1	3/20/2006
Bromoform	ND	0.150		ppbV	1	3/20/2006
Bromomethane	ND	0.150		ppbV	1	3/20/2006
Carbon disulfide	ND	0.150		ppbV	1	3/20/2006
Carbon tetrachloride	ND	0.150		ppbV	1	3/20/2006
Chlorobenzene	ND	0.150		ppbV	1	3/20/2006
Chloroethane	ND	0.150		ppbV	1	3/20/2006
Chloroform	ND	0.150		ppbV	1	3/20/2006
Chloromethane	0.510	0.150		ppbV	1	3/20/2006
cis-1,2-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
cis-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Cyclohexane	ND	0.150		ppbV	1	3/20/2006
Dibromochloromethane	ND	0.150		ppbV	1	3/20/2006
Ethyl acetate	ND	0.250		ppbV	1	3/20/2006
Ethylbenzene	ND	0.150		ppbV	1	3/20/2006
Freon 11	0.260	0.150		ppbV	1	3/20/2006
Freon 113	ND	0.150		ppbV	1	3/20/2006
Freon 114	ND	0.150		ppbV	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-005A

Client Sample ID: OA-1
Tag Number: 221,268
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
Freon 12	0.510	0.150		ppbV	1	3/20/2006
Heptane	ND	0.150		ppbV	1	3/20/2006
Hexachloro-1,3-butadiene	ND	0.150		ppbV	1	3/20/2006
Hexane	0.11	0.150	J	ppbV	1	3/20/2006
Isopropyl alcohol	ND	0.150		ppbV	1	3/20/2006
m&p-Xylene	0.17	0.300	J	ppbV	1	3/20/2006
Methyl Butyl Ketone	ND	0.300		ppbV	1	3/20/2006
Methyl Ethyl Ketone	0.29	0.300	J	ppbV	1	3/20/2006
Methyl isobutyl Ketone	ND	0.300		ppbV	1	3/20/2006
Methyl tert-butyl ether	ND	0.150		ppbV	1	3/20/2006
Methylene chloride	0.10	0.150	J	ppbV	1	3/20/2006
o-Xylene	ND	0.150		ppbV	1	3/20/2006
Propylene	ND	0.150		ppbV	1	3/20/2006
Styrene	ND	0.150		ppbV	1	3/20/2006
Tetrachloroethylene	ND	0.150		ppbV	1	3/20/2006
Tetrahydrofuran	ND	0.150		ppbV	1	3/20/2006
Toluene	0.270	0.150		ppbV	1	3/20/2006
trans-1,2-Dichloroethene	ND	0.150		ppbV	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.150		ppbV	1	3/20/2006
Trichloroethene	ND	0.0400		ppbV	1	3/20/2006
Vinyl acetate	ND	0.150		ppbV	1	3/20/2006
Vinyl Bromide	ND	0.150		ppbV	1	3/20/2006
Vinyl chloride	ND	0.150		ppbV	1	3/20/2006
Surr: Bromofluorobenzene	102	70-130		%REC	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-001A

Client Sample ID: SV-1
Tag Number: 211,62
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	0.721	0.832	J	ug/m3	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	3/20/2006
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	3/20/2006
1,1-Dichloroethane	2.51	0.617		ug/m3	1	3/20/2006
1,1-Dichloroethene	ND	0.605		ug/m3	1	3/20/2006
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	3/20/2006
1,2,4-Trimethylbenzene	20.0	7.49		ug/m3	10	3/20/2006
1,2-Dibromoethane	ND	1.17		ug/m3	1	3/20/2006
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,2-Dichloroethane	ND	0.617		ug/m3	1	3/20/2006
1,2-Dichloropropane	ND	0.705		ug/m3	1	3/20/2006
1,3,5-Trimethylbenzene	6.45	0.750		ug/m3	1	3/20/2006
1,3-butadiene	ND	0.337		ug/m3	1	3/20/2006
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,4-Dioxane	ND	1.10		ug/m3	1	3/20/2006
2,2,4-trimethylpentane	6.03	0.712		ug/m3	1	3/20/2006
4-ethyltoluene	11.5	7.50		ug/m3	10	3/20/2006
Acetone	40.1	7.24		ug/m3	10	3/20/2006
Allyl chloride	ND	0.477		ug/m3	1	3/20/2006
Benzene	17.2	4.87		ug/m3	10	3/20/2006
Benzyl chloride	ND	0.877		ug/m3	1	3/20/2006
Bromodichloromethane	ND	1.02		ug/m3	1	3/20/2006
Bromoform	ND	1.58		ug/m3	1	3/20/2006
Bromomethane	ND	0.592		ug/m3	1	3/20/2006
Carbon disulfide	32.3	4.75		ug/m3	10	3/20/2006
Carbon tetrachloride	ND	0.959		ug/m3	1	3/20/2006
Chlorobenzene	ND	0.702		ug/m3	1	3/20/2006
Chloroethane	ND	0.402		ug/m3	1	3/20/2006
Chloroform	1.64	0.744		ug/m3	1	3/20/2006
Chloromethane	0.987	0.315		ug/m3	1	3/20/2006
cis-1,2-Dichloroethene	7.66	6.04		ug/m3	10	3/20/2006
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Cyclohexane	227	25.2		ug/m3	48	3/21/2006
Dibromochloromethane	ND	1.30		ug/m3	1	3/20/2006
Ethyl acetate	ND	0.916		ug/m3	1	3/20/2006
Ethylbenzene	18.5	6.62		ug/m3	10	3/20/2006
Freon 11	2.80	0.857		ug/m3	1	3/20/2006
Freon 113	ND	1.17		ug/m3	1	3/20/2006
Freon 114	ND	1.07		ug/m3	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-001A

Client Sample ID: SV-1
Tag Number: 211,62
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
Freon 12	2.21	0.754		ug/m3	1	3/20/2006
Heptane	60.4	6.25		ug/m3	10	3/20/2006
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	3/20/2006
Hexane	6740	516		ug/m3	960	3/21/2006
Isopropyl alcohol	ND	0.375		ug/m3	1	3/20/2006
m&p-Xylene	64.9	13.2		ug/m3	10	3/20/2006
Methyl Butyl Ketone	ND	1.25		ug/m3	1	3/20/2006
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	3/20/2006
Methyl Isobutyl Ketone	2.58	1.25		ug/m3	1	3/20/2006
Methyl tert-butyl ether	ND	0.550		ug/m3	1	3/20/2006
Methylene chloride	0.600	0.530		ug/m3	1	3/20/2006
o-Xylene	19.4	6.62		ug/m3	10	3/20/2006
Propylene	ND	0.262		ug/m3	1	3/20/2006
Styrene	1.78	0.649		ug/m3	1	3/20/2006
Tetrachloroethylene	14.5	10.3		ug/m3	10	3/20/2006
Tetrahydrofuran	ND	0.450		ug/m3	1	3/20/2006
Toluene	303	27.6		ug/m3	48	3/21/2006
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Trichloroethene	29.5	2.18		ug/m3	10	3/20/2006
Vinyl acetate	ND	0.537		ug/m3	1	3/20/2006
Vinyl Bromide	ND	0.667		ug/m3	1	3/20/2006
Vinyl chloride	ND	0.390		ug/m3	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-002A

Client Sample ID: SV-2
Tag Number: 286,154
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	5.16	0.832		ug/m3	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	3/20/2006
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	3/20/2006
1,1-Dichloroethane	ND	0.617		ug/m3	1	3/20/2006
1,1-Dichloroethene	ND	0.605		ug/m3	1	3/20/2006
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	3/20/2006
1,2,4-Trimethylbenzene	10.5	7.49		ug/m3	10	3/20/2006
1,2-Dibromoethane	ND	1.17		ug/m3	1	3/20/2006
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,2-Dichloroethane	ND	0.617		ug/m3	1	3/20/2006
1,2-Dichloropropane	ND	0.705		ug/m3	1	3/20/2006
1,3,5-Trimethylbenzene	4.55	0.750		ug/m3	1	3/20/2006
1,3-butadiene	ND	0.337		ug/m3	1	3/20/2006
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,4-Dioxane	ND	1.10		ug/m3	1	3/20/2006
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	3/20/2006
4-ethyltoluene	9.69	0.750		ug/m3	1	3/20/2006
Acetone	41.0	7.24		ug/m3	10	3/20/2006
Allyl chloride	ND	0.477		ug/m3	1	3/20/2006
Benzene	12.7	4.87		ug/m3	10	3/20/2006
Benzyl chloride	ND	0.877		ug/m3	1	3/20/2006
Bromodichloromethane	1.57	1.02		ug/m3	1	3/20/2006
Bromoform	ND	1.58		ug/m3	1	3/20/2006
Bromomethane	ND	0.592		ug/m3	1	3/20/2006
Carbon disulfide	54.4	4.75		ug/m3	10	3/20/2006
Carbon tetrachloride	ND	0.959		ug/m3	1	3/20/2006
Chlorobenzene	ND	0.702		ug/m3	1	3/20/2006
Chloroethane	ND	0.402		ug/m3	1	3/20/2006
Chloroform	16.4	7.44		ug/m3	10	3/20/2006
Chloromethane	ND	0.315		ug/m3	1	3/20/2006
cis-1,2-Dichloroethene	14.5	6.04		ug/m3	10	3/20/2006
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Cyclohexane	812	84.0		ug/m3	160	3/21/2006
Dibromochloromethane	ND	1.30		ug/m3	1	3/20/2006
Ethyl acetate	ND	0.916		ug/m3	1	3/20/2006
Ethylbenzene	17.2	6.62		ug/m3	10	3/20/2006
Freon 11	2.06	0.857		ug/m3	1	3/20/2006
Freon 113	ND	1.17		ug/m3	1	3/20/2006
Freon 114	ND	1.07		ug/m3	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-002A

Client Sample ID: SV-2
Tag Number: 286,154
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15				Analyst: LL
Freon 12	2.31	0.754		ug/m3	1	3/20/2006
Heptane	63.7	6.25		ug/m3	10	3/20/2006
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	3/20/2006
Hexane	10600	688		ug/m3	1280	3/21/2006
Isopropyl alcohol	ND	0.375		ug/m3	1	3/20/2006
m&p-Xylene	54.3	13.2		ug/m3	10	3/20/2006
Methyl Butyl Ketone	ND	1.25		ug/m3	1	3/20/2006
Methyl Ethyl Ketone	ND	0.899		ug/m3	1	3/20/2006
Methyl Isobutyl Ketone	2.87	1.25		ug/m3	1	3/20/2006
Methyl tert-butyl ether	ND	0.550		ug/m3	1	3/20/2006
Methylene chloride	0.706	0.530		ug/m3	1	3/20/2006
o-Xylene	12.8	6.62		ug/m3	10	3/20/2006
Propylene	ND	0.262		ug/m3	1	3/20/2006
Styrene	7.79	6.49		ug/m3	10	3/20/2006
Tetrachloroethylene	85.5	10.3		ug/m3	10	3/20/2006
Tetrahydrofuran	ND	0.450		ug/m3	1	3/20/2006
Toluene	6620	735		ug/m3	1280	3/21/2006
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Trichloroethene	33.3	2.18		ug/m3	10	3/20/2006
Vinyl acetate	ND	0.537		ug/m3	1	3/20/2006
Vinyl Bromide	ND	0.667		ug/m3	1	3/20/2006
Vinyl chloride	ND	0.390		ug/m3	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-003A

Client Sample ID: IA-1
Tag Number: 98,173
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	3/20/2006
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	3/20/2006
1,1-Dichloroethane	ND	0.617		ug/m3	1	3/20/2006
1,1-Dichloroethene	ND	0.605		ug/m3	1	3/20/2006
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	3/20/2006
1,2,4-Trimethylbenzene	4.95	0.749		ug/m3	1	3/20/2006
1,2-Dibromoethane	ND	1.17		ug/m3	1	3/20/2006
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,2-Dichloroethane	ND	0.617		ug/m3	1	3/20/2006
1,2-Dichloropropane	ND	0.705		ug/m3	1	3/20/2006
1,3,5-Trimethylbenzene	1.90	0.750		ug/m3	1	3/20/2006
1,3-butadiene	ND	0.337		ug/m3	1	3/20/2006
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,4-Dichlorobenzene	0.734	0.917	J	ug/m3	1	3/20/2006
1,4-Dioxane	ND	1.10		ug/m3	1	3/20/2006
2,2,4-trimethylpentane	1.71	0.712		ug/m3	1	3/20/2006
4-ethyltoluene	1.85	0.750		ug/m3	1	3/20/2006
Acetone	35.5	7.24		ug/m3	10	3/20/2006
Allyl chloride	ND	0.477		ug/m3	1	3/20/2006
Benzene	2.40	0.487		ug/m3	1	3/20/2006
Benzyl chloride	ND	0.877		ug/m3	1	3/20/2006
Bromodichloromethane	ND	1.02		ug/m3	1	3/20/2006
Bromoform	ND	1.58		ug/m3	1	3/20/2006
Bromomethane	ND	0.592		ug/m3	1	3/20/2006
Carbon disulfide	2.28	0.475		ug/m3	1	3/20/2006
Carbon tetrachloride	ND	0.959		ug/m3	1	3/20/2006
Chlorobenzene	ND	0.702		ug/m3	1	3/20/2006
Chloroethane	ND	0.402		ug/m3	1	3/20/2006
Chloroform	ND	0.744		ug/m3	1	3/20/2006
Chloromethane	1.30	0.315		ug/m3	1	3/20/2006
cis-1,2-Dichloroethene	1.49	0.604		ug/m3	1	3/20/2006
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Cyclohexane	2.34	0.525		ug/m3	1	3/20/2006
Dibromochloromethane	ND	1.30		ug/m3	1	3/20/2006
Ethyl acetate	ND	0.916		ug/m3	1	3/20/2006
Ethylbenzene	2.34	0.662		ug/m3	1	3/20/2006
Freon 11	3.08	0.857		ug/m3	1	3/20/2006
Freon 113	ND	1.17		ug/m3	1	3/20/2006
Freon 114	ND	1.07		ug/m3	1	3/20/2006

Qualifiers:
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected at or below quantitation limits
 ND Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-003A

Client Sample ID: IA-1
Tag Number: 98,173
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
Freon 12	2.61	0.754		ug/m3	1	3/20/2006
Heptane	17.9	6.25		ug/m3	10	3/20/2006
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	3/20/2006
Hexane	5.98	0.537		ug/m3	1	3/20/2006
Isopropyl alcohol	ND	0.375		ug/m3	1	3/20/2006
m&p-Xylene	12.8	13.2	J	ug/m3	10	3/20/2006
Methyl Butyl Ketone	ND	1.25		ug/m3	1	3/20/2006
Methyl Ethyl Ketone	0.600	0.899	J	ug/m3	1	3/20/2006
Methyl Isobutyl Ketone	27.9	12.5		ug/m3	10	3/20/2006
Methyl tert-butyl ether	0.879	0.550		ug/m3	1	3/20/2006
Methylene chloride	1.34	0.530		ug/m3	1	3/20/2006
o-Xylene	2.82	0.662		ug/m3	1	3/20/2006
Propylene	ND	0.262		ug/m3	1	3/20/2006
Styrene	2.77	0.649		ug/m3	1	3/20/2006
Tetrachloroethylene	36.5	10.3		ug/m3	10	3/20/2006
Tetrahydrofuran	ND	0.450		ug/m3	1	3/20/2006
Toluene	18.4	5.75		ug/m3	10	3/20/2006
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Trichloroethene	2.24	0.218		ug/m3	1	3/20/2006
Vinyl acetate	ND	0.537		ug/m3	1	3/20/2006
Vinyl Bromide	ND	0.667		ug/m3	1	3/20/2006
Vinyl chloride	ND	0.390		ug/m3	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-004A

Client Sample ID: 1A-2
Tag Number: 291,340
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	3/20/2006
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	3/20/2006
1,1-Dichloroethane	ND	0.617		ug/m3	1	3/20/2006
1,1-Dichloroethene	ND	0.605		ug/m3	1	3/20/2006
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	3/20/2006
1,2,4-Trimethylbenzene	7.14	0.749		ug/m3	1	3/20/2006
1,2-Dibromoethane	ND	1.17		ug/m3	1	3/20/2006
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,2-Dichloroethane	ND	0.617		ug/m3	1	3/20/2006
1,2-Dichloropropane	ND	0.705		ug/m3	1	3/20/2006
1,3,5-Trimethylbenzene	2.40	0.750		ug/m3	1	3/20/2006
1,3-butadiene	ND	0.337		ug/m3	1	3/20/2006
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,4-Dichlorobenzene	1.04	0.917		ug/m3	1	3/20/2006
1,4-Dioxane	ND	1.10		ug/m3	1	3/20/2006
2,2,4-trimethylpentane	2.37	0.712		ug/m3	1	3/20/2006
4-ethyltoluene	2.55	0.750		ug/m3	1	3/20/2006
Acetone	74.4	14.5		ug/m3	20	3/21/2006
Allyl chloride	ND	0.477		ug/m3	1	3/20/2006
Benzene	2.76	0.487		ug/m3	1	3/20/2006
Benzyl chloride	ND	0.877		ug/m3	1	3/20/2006
Bromodichloromethane	ND	1.02		ug/m3	1	3/20/2006
Bromoform	ND	1.58		ug/m3	1	3/20/2006
Bromomethane	ND	0.592		ug/m3	1	3/20/2006
Carbon disulfide	6.05	0.475		ug/m3	1	3/20/2006
Carbon tetrachloride	ND	0.959		ug/m3	1	3/20/2006
Chlorobenzene	ND	0.702		ug/m3	1	3/20/2006
Chloroethane	ND	0.402		ug/m3	1	3/20/2006
Chloroform	ND	0.744		ug/m3	1	3/20/2006
Chloromethane	1.11	0.315		ug/m3	1	3/20/2006
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	3/20/2006
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Cyclohexane	4.30	0.525		ug/m3	1	3/20/2006
Dibromochloromethane	ND	1.30		ug/m3	1	3/20/2006
Ethyl acetate	ND	0.916		ug/m3	1	3/20/2006
Ethylbenzene	4.50	0.662		ug/m3	1	3/20/2006
Freon 11	4.00	0.857		ug/m3	1	3/20/2006
Freon 113	ND	1.17		ug/m3	1	3/20/2006
Freon 114	ND	1.07		ug/m3	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT:	Plumley Engineering	Client Sample ID:	IA-2
Lab Order:	C0603034	Tag Number:	291,340
Project:	North Star 2003074	Collection Date:	3/18/2006
Lab ID:	C0603034-004A	Matrix:	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15				Analyst: LL
Freon 12	2.56	0.754		ug/m3	1	3/20/2006
Heptane	31.7	6.25		ug/m3	10	3/20/2006
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	3/20/2006
Hexane	8.24	5.37		ug/m3	10	3/20/2006
Isopropyl alcohol	ND	0.375		ug/m3	1	3/20/2006
m&p-Xylene	18.1	13.2		ug/m3	10	3/20/2006
Methyl Butyl Ketone	ND	1.25		ug/m3	1	3/20/2006
Methyl Ethyl Ketone	0.540	0.899	J	ug/m3	1	3/20/2006
Methyl Isobutyl Ketone	58.7	12.5		ug/m3	10	3/20/2006
Methyl tert-butyl ether	ND	0.550		ug/m3	1	3/20/2006
Methylene chloride	0.530	0.530		ug/m3	1	3/20/2006
o-Xylene	5.03	0.662		ug/m3	1	3/20/2006
Propylene	ND	0.262		ug/m3	1	3/20/2006
Styrene	6.62	0.649		ug/m3	1	3/20/2006
Tetrachloroethylene	55.8	10.3		ug/m3	10	3/20/2006
Tetrahydrofuran	ND	0.450		ug/m3	1	3/20/2006
Toluene	12.6	5.75		ug/m3	10	3/20/2006
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Trichloroethene	0.874	0.218		ug/m3	1	3/20/2006
Vinyl acetate	ND	0.537		ug/m3	1	3/20/2006
Vinyl Bromide	ND	0.667		ug/m3	1	3/20/2006
Vinyl chloride	ND	0.390		ug/m3	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-005A

Client Sample ID: OA-1
Tag Number: 221,268
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
1,1,1-Trichloroethane	ND	0.832		ug/m3	1	3/20/2006
1,1,2,2-Tetrachloroethane	ND	1.05		ug/m3	1	3/20/2006
1,1,2-Trichloroethane	ND	0.832		ug/m3	1	3/20/2006
1,1-Dichloroethane	ND	0.617		ug/m3	1	3/20/2006
1,1-Dichloroethene	ND	0.605		ug/m3	1	3/20/2006
1,2,4-Trichlorobenzene	ND	1.13		ug/m3	1	3/20/2006
1,2,4-Trimethylbenzene	1.20	0.749		ug/m3	1	3/20/2006
1,2-Dibromoethane	ND	1.17		ug/m3	1	3/20/2006
1,2-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,2-Dichloroethane	ND	0.617		ug/m3	1	3/20/2006
1,2-Dichloropropane	ND	0.705		ug/m3	1	3/20/2006
1,3,5-Trimethylbenzene	ND	0.750		ug/m3	1	3/20/2006
1,3-butadiene	ND	0.337		ug/m3	1	3/20/2006
1,3-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,4-Dichlorobenzene	ND	0.917		ug/m3	1	3/20/2006
1,4-Dioxane	ND	1.10		ug/m3	1	3/20/2006
2,2,4-trimethylpentane	ND	0.712		ug/m3	1	3/20/2006
4-ethyltoluene	0.500	0.750	J	ug/m3	1	3/20/2006
Acetone	25.8	7.24		ug/m3	10	3/20/2006
Allyl chloride	ND	0.477		ug/m3	1	3/20/2006
Benzene	0.584	0.487		ug/m3	1	3/20/2006
Benzyl chloride	ND	0.877		ug/m3	1	3/20/2006
Bromodichloromethane	ND	1.02		ug/m3	1	3/20/2006
Bromoform	ND	1.58		ug/m3	1	3/20/2006
Bromomethane	ND	0.592		ug/m3	1	3/20/2006
Carbon disulfide	ND	0.475		ug/m3	1	3/20/2006
Carbon tetrachloride	ND	0.959		ug/m3	1	3/20/2006
Chlorobenzene	ND	0.702		ug/m3	1	3/20/2006
Chloroethane	ND	0.402		ug/m3	1	3/20/2006
Chloroform	ND	0.744		ug/m3	1	3/20/2006
Chloromethane	1.07	0.315		ug/m3	1	3/20/2006
cis-1,2-Dichloroethene	ND	0.604		ug/m3	1	3/20/2006
cis-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Cyclohexane	ND	0.525		ug/m3	1	3/20/2006
Dibromochloromethane	ND	1.30		ug/m3	1	3/20/2006
Ethyl acetate	ND	0.916		ug/m3	1	3/20/2006
Ethylbenzene	ND	0.662		ug/m3	1	3/20/2006
Freon 11	1.48	0.857		ug/m3	1	3/20/2006
Freon 113	ND	1.17		ug/m3	1	3/20/2006
Freon 114	ND	1.07		ug/m3	1	3/20/2006

Qualifiers:
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 JN Non-routine analyte. Quantitation estimated.
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range
 J Analyte detected at or below quantitation limits
 ND Not Detected at the Reporting Limit

Centek Laboratories, LLC

Date: 27-Mar-06

CLIENT: Plumley Engineering
Lab Order: C0603034
Project: North Star 2003074
Lab ID: C0603034-005A

Client Sample ID: OA-1
Tag Number: 221,268
Collection Date: 3/18/2006
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.25UG/M3 TCE BY METHOD TO15		TO-15		Analyst: LL		
Freon 12	2.56	0.754		ug/m3	1	3/20/2006
Heptane	ND	0.625		ug/m3	1	3/20/2006
Hexachloro-1,3-butadiene	ND	1.63		ug/m3	1	3/20/2006
Hexane	0.394	0.537	J	ug/m3	1	3/20/2006
Isopropyl alcohol	ND	0.375		ug/m3	1	3/20/2006
m&p-Xylene	0.750	1.32	J	ug/m3	1	3/20/2006
Methyl Butyl Ketone	ND	1.25		ug/m3	1	3/20/2006
Methyl Ethyl Ketone	0.869	0.899	J	ug/m3	1	3/20/2006
Methyl Isobutyl Ketone	ND	1.25		ug/m3	1	3/20/2006
Methyl tert-butyl ether	ND	0.550		ug/m3	1	3/20/2006
Methylene chloride	0.353	0.530	J	ug/m3	1	3/20/2006
o-Xylene	ND	0.662		ug/m3	1	3/20/2006
Propylene	ND	0.262		ug/m3	1	3/20/2006
Styrene	ND	0.649		ug/m3	1	3/20/2006
Tetrachloroethylene	ND	1.03		ug/m3	1	3/20/2006
Tetrahydrofuran	ND	0.450		ug/m3	1	3/20/2006
Toluene	1.03	0.575		ug/m3	1	3/20/2006
trans-1,2-Dichloroethene	ND	0.604		ug/m3	1	3/20/2006
trans-1,3-Dichloropropene	ND	0.692		ug/m3	1	3/20/2006
Trichloroethene	ND	0.218		ug/m3	1	3/20/2006
Vinyl acetate	ND	0.537		ug/m3	1	3/20/2006
Vinyl Bromide	ND	0.667		ug/m3	1	3/20/2006
Vinyl chloride	ND	0.390		ug/m3	1	3/20/2006

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		