FINAL LETTER REPORT
SOIL VAPOR AND GROUNDWATER SAMPLING

SPECTRUM FINISHING CORPORATION
(Site No.: 1-52-029)
50 Dale Street, Babylon, Suffolk County, New York

Prepared for

New York State Department of Environmental Conservation

Prepared by:

Camp Dresser & McKee
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September 2007

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September 21, 2007

Mr. David J. Chiusano
NYSDEC
Remedial Bureau E, Section A
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7017

Re: Work Assignment #D006131-1
Spectrum Finishing Corporation
Babylon, Suffolk County, New York
Site ID No. 1-52-059

Dear Mr. Chiusano:

Camp Dresser & McKee (CDM) is pleased to present this letter report that outlines the procedures, sampling approach followed while performing soil vapor and groundwater sampling at the above referenced site. This letter report outlines tasks associated with the soil vapor intrusion and groundwater investigation at the Spectrum Finishing Corporation site (herein referred to as the Site) located at 50 Dale Street, Town of Babylon, Suffolk County, New York. This project was a part of the New York State Department of Environmental Conservation (NYSDEC) Work Assignment #D006131-1. The scope of work was prepared by NYSDEC in the work assignment dated January 22, 2007. CDM prepared a Health and Safety Plan (HASP) and Quality Assurance Project Plan (QAPP) and submitted them with the project work plan on March 27, 2007. The work plan was approved by NYSDEC on April 5, 2007. This portion of the work assignment was conducted in accordance with the New York State Department of Health (NYSDOH) *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006.

Site Background and History

The following subsections describe the Site and provide a brief overview of the operational history.

Location

The Site is located at 50 Dale Street in the Pinelawn Industrial Area in the Town of Babylon, Suffolk County, New York. The Site is approximately 0.67 acre in size and consists of one

concrete block building and a parking lot north of the former Spectrum building (see Figure 1 and site photo log in Appendix A).

Operational/Disposal History

Spectrum operated at the site from 1968 until 1994. The company specialized in electroplating high strength alloys and descaling titanium alloys for the aerospace industry. The site and surrounding area are provided with public water. However, storm water and sanitary sewage are discharged into stormwater dry wells and sanitary septic systems/cesspools, respectively, located adjacent to the building.

Site inspection and sampling from 1970 to 1974 revealed discharges of hazardous wastes from leaking holding tanks into the storm drains. High levels of heavy metals were detected from the sediment samples taken from a leaking tank, the storm drains, and site runoff. Analysis revealed the presence of cadmium at a concentration of 12,000 parts per million (ppm), copper at 340 ppm and nickel at 83 ppm.

NYSDEC issued a Phase 1 - Preliminary Investigation Final Report for Spectrum in 1984 that reviewed past sampling data and recommended a Phase 2 investigation. NYSDEC completed the Phase 2 Investigation Report in March 1988 that revealed cadmium, chromium, copper, iron, and zinc in exceedance of NYSDEC recommended soil cleanup objectives. In addition, analysis of the groundwater showed exceedances of the NYS groundwater standards for cadmium, copper, lead and trichloroethene (TCE). Subsequently, the NYSDEC classified the Site as a Class 2 inactive hazardous waste site in 1990. In 1994, Spectrum filed for bankruptcy and ceased operation at the site.

Remedial History

The following provides a brief summary of the remedial history at the Site.

- In November 1997 the Environmental Protection Agency (EPA) performed a Time Critical Removal Action to address drums, vats sumps and other waste containers left on-site. The wastes were all removed and disposed of at permitted facilities by April 1998, floors were scraped, and walls and floors were pressure washed. Post removal sampling revealed no residual contamination in the building.

- NYSDEC conducted a remedial investigation/feasibility study (RI/FS) between June 1999 and May 2001.

- NYSDEC conducted interim remedial measures in 2000 to remove sediments from 11 cesspools and drainage structures contaminated with volatile organics (VOCs), semi-VOCs, polychlorinated biphenyls (PCBs), metals and pesticides. Residual metals concentrations still exceeded the cleanup objectives.

Site Geology and Hydrogeology

The overburden deposits encountered at the site consist of fill material, underneath which is glacial outwash underlain by a confining clay layer. The prevalent overburden material is the glacial outwash which consists of fine to coarse sands and gravel and is referred to as the Upper Glacial Aquifer. The sands and Upper Glacial Aquifer are continuous across the site and is the predominant water-bearing unit investigated at the site. The confining clay layer was encountered in deep monitoring well borings at approximately 90 feet below ground surface (bgs).

The water table has been observed during previous investigation at approximately 18 feet bgs. The groundwater beyond the boundaries of the site has been contaminated by trichloroethene and is primarily associated with the Town of Babylon landfill.

Groundwater Sampling

CDM collected groundwater elevation data and samples from eleven existing shallow groundwater monitoring wells and one temporary well in the shallow aquifer at the Site and surrounding area. The temporary well was installed to a depth of 20 feet bgs near the approximate location of MW-13, which could not be found. Upgradient well MW-9 was inadvertently missed during the initial sample collection in April and this well was sampled on August 1, 2007. The monitoring well locations are shown on Figure 2.

Groundwater grab samples were collected on April 24, 2007 using disposable polyethylene bailers. Depth to groundwater and bottom of the well data was recorded at each location prior to collecting the samples. Groundwater flow in the shallow aquifer was observed to be in the southeasterly direction as shown on Figure 3. This is consistent with previous groundwater flow directions. Samples were collected for volatile organic compounds (VOCs) by EPA Method 8260B and metals by EPA Method SW-846. Upon completing the sampling of the temporary well at MW-13, it was removed and the borehole was backfilled with bentonite up to the ground surface.

Table 1 provides a summary of sample identification, depth to groundwater and groundwater elevation for each sample location in the shallow aquifer. The groundwater samples were submitted to Chemtech in Mountainside, New Jersey for analysis. Data validation was completed by Nancy Potak of Greensboro, Vermont. The groundwater analytical results are discussed later in this letter report

Subsurface Soil Vapor Point Installation

Soil vapor points were installed at 18 locations at the Site and surrounding area on April 24 and 25, 2007 by Zebra Environmental, in accordance with NYSDOH soil vapor intrusion guidance. Two points (shallow and deep) were installed at each location at depths of 6 feet and 12 feet bgs and the locations are shown on Figure 2.

The soil vapor points were installed to the desired sampling depth using direct push drilling methods. A Geoprobe drive point was used to reach the desired depth and a 6-inch double woven stainless steel screen was attached to 3/8-inch Teflon lined tubing and placed at the desired depth. The borehole was then backfilled around the screen with sand to a minimum depth of six inches above the screen followed by six inches of dry granular bentonite. Hydrated bentonite was then placed to the ground surface. The bentonite was allowed to set-up overnight prior to sample collection.

Subsurface Soil Vapor Sampling and Analysis

CDM collected soil vapor samples from 36 sample points installed the previous two days. Prior to sampling, each sample point was tested for short circuiting using the helium tracer gas test in accordance with the NYSDOH guidance document as follows:

- The soil vapor sampling tube is run through a hole in the prepared enclosure that is placed over the borehole.
- Helium gas is released through a sample port into the enclosure until a concentration of greater than 80 percent (%) is reached. The Helium enriched environment is monitored and confirmed with a Dielectric multi-gas detector inserted into a second sample port.
- After confirming 80% helium in the enclosure, the soil vapor sampling tube is purged using the low-flow air sample pump purging at a rate of not more than 0.2 liters per minute and discharging into a one-liter Tedlar bag. The Tedlar bag is removed when full, and screened for helium using a helium gas detector and for VOCs using a MiniRae photo ionization detector (PID). Tracer gas testing was performed at all sample locations.

The helium detections observed during tracer tests were found to be less than ten percent, as required by the NYSDOH guidance. Table 2 provides a summary of the soil vapor sample identification, trace gas test reading, PID reading, and the canisters and regulators used at each location.

The samples were collected on April 26, 2007 using 1.4 Liter Summa canisters equipped with a one-hour lab calibrated regulator. Sample collection was terminated before the canister vacuum reached zero inches of mercury. The canister vacuum levels at the start and end of

sample collection was recorded on the sample label, in the field log book and on the sample chain of custody form. The SUMMA canister was labeled with the sample identification, the start and end time of sample collection, date, project identification and requested laboratory analysis. The soil vapor samples were submitted to Chemtech for VOC analysis using EPA Method TO-15. The sample results are discussed below.

Outdoor Ambient Air Sampling and Analysis

Two outdoor ambient air samples were collected during the soil vapor sampling near Spectrum; one (AA-1) in the parking lot area near sample SV-10 and the second (AA-2) on Dale Street between samples SV-17 and SV-20. The outdoor samplers were setup using 6-liter Summa canisters equipped with one-hour flow regulators. These samples were also collected on April 26, 2007 at the same time the soil vapor samples in that vicinity were being collected.

Sample collection was terminated before the canister vacuum reached zero inches of mercury. The canister vacuum levels at the beginning and end of sample collection were recorded on the sample label and in the field log book and on the sample chain of custody form. Each Summa canister was labeled with sample identification, the start and end time of sample collection, start and end vacuum, date, project identification and required laboratory analysis. The outdoor ambient air samples were also submitted to Chemtech for VOC analysis using EPA Method TO-15.

Groundwater Sampling Results

The eleven groundwater samples from the shallow aquifer at the Site were analyzed for VOCs and metals by Chemtech. MW-9 was not analyzed for metals. The analytical results were compared to New York State Ambient Water Quality Standards (NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1). Table 3 and Table 4 provide a summary of groundwater analytical results for VOCs and metals, respectively.

Tetrachloroethene (PCE) and trichloroethene (TCE) were the only VOCs detected in eight of the eleven monitoring wells sampled. PCE was detected above the standard of 5.0 micrograms per liter (µg/L) in six of the eleven wells with concentrations ranging from 12 µg/L (MW-2) to 140 µg/L (MW-6S). TCE was detected in well MW-9 at 12 µg/L. Figure 4 shows the VOC concentrations above Ambient Water Quality Standards and Guidance Values (AWQS).

Metal concentrations exceeded the AWQS for aluminum, antimony, cadmium, chromium, copper, iron, lead, manganese and nickel. The primary contaminants of concern, nickel, Chromium and cadmium were found in wells MW-3, MW-4, MW-6 and MW-12 with the highest concentrations around MW-4 and MW-6. These wells are downgradient of the Site in the direction of groundwater flow. Table 4 provides a summary of the metals results along

with the AWQS. Table 5 provides a side by side comparison of the 2001 and 2007 TCE, PCE and metals results in shallow groundwater. Figure 5 shows the metal exceedances above AWQS in shallow groundwater.

Soil Vapor and Ambient Air Sample Results

Thirty-six subsurface soil vapor samples were analyzed by Chemtech for VOCs (EPA Method TO-15). The results were compared to the NYSDOH sub-slab vapor concentrations to determine if additional investigation may be necessary. Elevated levels of PCE and trichloroethene (TCE) were found in the shallow and deep subsurface soil vapor samples at the Site and surrounding area. PCE concentrations in the shallow samples ranged from 5 to 1,817 micrograms per cubic meter ($\mu g/m^{3)}$ and 5 to 2,042 $\mu g/m^3$ in the deep sample as shown on Figures 6 and 7, respectively. TCE concentrations in the shallow samples ranged from 1 to 186 $\mu g/m^3$ and 1 to 105 $\mu g/m^3$ in the deep sample as shown on figures 8 and 9, respectively. NYS does not have standards, criteria or guidance values for concentrations of VOCs in subsurface vapors. Table 6 provides a summary of the soil vapor sample results.

Data Validation

Data validation was completed by Ms. Nancy Potak of Greensboro, Vermont. A copy of the Data Usability Summary Report (DUSR) is provided in Attachment B.

Site Survey

A site boundary and sample location survey was completed by Om P. Popli Consulting Engineers and Surveyors of Penfield, New York. A copy of the property boundary map is included in Attachment C.

Conclusions and Recommendations

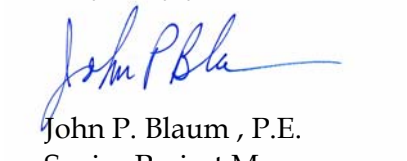
Based on the groundwater analytical data, groundwater contamination for metals, primarily nickel, cadmium and chromium, exists at the Site and downgradient of the site. The levels have decreased since the initial sampling and removal effort at the Site.

PCE and TCE were found in the shallow groundwater above groundwater standards at the Site in both upgradient and downgradient. TCE was found in the upgradient well MW-9 at levels higher than the 2001 sample round indicating a potential upgradient and off-site source of contamination. Potential offsite and upgradient sources include NTU Circuits (Site No. 1-52-086), Town of Babylon Landfill (Site No. 1-52-029) and US Electroplating (Site No. 1-52-027). The PCE contamination does not appear to be widespread and has decreased since the initial removal and 2001 sample round. Contamination in the shallow aquifer appears to be traveling with the groundwater flow in the southeasterly direction.

Elevated levels of VOCs, primarily PCE and TCE were found in the subsurface soil vapors across the site. To further evaluate potential health risks, CDM recommends sub-slab and building air sampling be conducted at the Site and surrounding properties.

CDM is available to meet with you to review the report and address NYSDEC comments. If you have and questions, please call me at (518) 782-4509.

Very truly yours,



John P. Blaum , P.E.
Senior Project Manager
Camp Dresser & McKee

Attachments:

Figure 1 – Site Location Map
Figure 2 - Soil Vapor and Monitoring Well Sample Locations
Figure 3 - Groundwater Elevation Contours in Shallow Overburden
Figure 4 - VOC Concentrations in Shallow Groundwater Above Ambient Water Quality Standards
Figure 5 - Metals Exceedances for Ambient Water Quality Standards (µg/L)
Figure 6 - PCE Concentrations in Shallow (6-feet) Soil Vapor Samples (µg/m^3)
Figure 7 - PCE Concentrations in Deep (12-feet) Soil Vapor Samples (µg/m^3)
Figure 8 - TCE Concentrations in Shallow (6-feet) Soil Vapor Samples (µg/m^3)
Figure 9 - TCE Concentrations in Deep (12-feet) Soil Vapor Samples (µg/m^3)
Table 1 - Groundwater Elevation and Sample Information Summary
Table 2 - Soil Vapor Sample Information Summary
Table 3 - Summary of Subsurface Soil Vapor and Outdoor Ambient Air Analytical Results
T*able 4* - Summary of Groundwater Analytical Results for Metals - April 2007
Table 5 - Comparison of Groundwater Sample Results - April 2001 to April 2007
Table 6 - Summary of Soil Vapor Analytical Results - April 2007
Attachment A – Photo Log
Attachment B – Site Survey Boundary Map
Attachment C– Data Usability Report
Attachment D– Complete Laboratory Report on CD

Table 2
NYSDEC Work Assignment # D006131-1
Spectrum Finishing Corporation Site No. 1-52-029
Soil Vapor Sample Information Summary

Subsurface Soil Vapor Sampling					
Location	Sample ID	Depth of Sample (Ft BGS)	PID Reading (PPM)	Helium Tracer Test Reading	Summa No. & Reg No.
SV-1S	152029-SV1S	6.0	0.6	0	10740/10564
SV-1D	152029-SV1D	12.0	0.6	0	10134/10109
SV-2S	152029-SV2S	6.0	0.6	0	10760/10179
SV-2D	152029-SV2D	12.0	0.6	0	10659/10508
SV-3S	152029-SV3S	6.0	0.7	0	10800/10549
SV-31S*	152029-SV31S*	6.0			10738/10536
SV-3D	152029-SV3D	12.0	0.9	0	10681/10563
SV-4S	152029-SV4S	6.0	1.2	0	10793/10178
SV-4D	152029-SV4D	12.0	1.5	0	10656/10172
SV-5S	152029-SV5S	6.0	0.4	0	10728/10781
SV-5D	152029-SV5D	12.0	0.5	0	10415/10690
SV-6S	152029-SV6S	6.0	0.5	0	10111/10539
SV-6D	152029-SV6D	12.0	0.7	0	10651/10248
SV-7S	152029-SV7S	6.0	0.7	0	10799/10697
SV-7D	152029-SV7D	12.0	0.8	0	10792/10188
SV-8S	152029-SV8S	6.0	0.9	0	10756/10572
SV-8D	152029-SV8D	12.0	0.9	0	10741/10204
SV-9S	152029-SV9S	6.0	1.2	0	10438/10634
SV-9D	152029-SV9D	12.0	1.1	0	10452/10237
SV-10S	152029-SV10S	6.0	0.9	0	10423/10226
SV-10D	152029-SV10D	12.0	2.1	0	10727/10622
SV-11S	152029-SV11S	6.0	1.2	0	10140/10177
SV-11D	152029-SV11D	12.0	0.5	0	10129/10484
SV-12S	152029-SV12S	6.0	0.3	0	10427/10165
SV-12D	152029-SV12D	12.0	1.1	0	10131/10102
SV-13S	152029-SV13S	6.0	0.8	0	10677/10229
SV-13D	152029-SV13D	12.0	0.8	0	10133/10714
SV-15S	152029-SV15S	6.0	0.7	0	10720/10217
SV-15D	152029-SV15D	12.0	1.0	0	10117/10542
SV-17S	152029-SV17S	6.0	1.0	0	10676/10173
SV-171S*	152029-SV171S*	6.0			10417/10587
SV-17D	152029-SV17D	12.0	1.4	0	10668/10711
SV-18S	152029-SV18S	6.0	0.9	0	10663/10698
SV-18D	152029-SV18D	12.0	0.9	0	10118/10504
SV-20S	152029-SV20S	6.0	1.0	0	10661/10234
SV-20D	152029-SV20D	12.0	0.9	0	10413/10181
SV-21S	152029-SV21S	6.0	0.6	0	10759/10548
SV-21D	152029-SV21D	12.0	0.7	0	10669/10538

Ambient Air Sampling		
Location	Sample ID	Summa No. & Reg No.
Near SV-10	152059-OA-AAI	10008/10694
On Dale between SV-18+ SV-17	152059-OA-AA2	100058/10633

BGS= Below Ground Surface
* - Duplicate Sample
S= Shallow
D= Deep
SV-Soil Vapor

Table 6
Spectrum Finishing Corporation
Site No. 1-52-029
Summary of Soil Vapor Analytical Results for VOCs - April 2007

Sample ID	SV-1S		SV-1D		SV-2S		SV-2D		SV-3S		SV-3SDL		SV-3D		SV-3DDL		SV-31S		SV-31SDL		SV-4S		SV4-SDL		SV-4D		SV-4DDL		SV-5S		SV-5SDL		SV-5D		SV-5DDL		SV-6S		SV-6SDL		SV-6D		SV-6DDL		SV-7S	
Lab Sample Number	Y2495-18		Y2495-19		Y2495-10		Y2495-11		Y2495-07		Y2495-07DL		Y2495-08		Y2495-08DL		Y2495-09		Y2495-09DL		Y2414-11		Y2414-11DL		Y2414-12		Y2414-12DL		Y2414-07		Y2414-07DL		Y2414-08		Y2414-08DL		Y2414-01		Y2414-01DL		Y2414-02		Y2414-02DL		Y2495-12	
Sampling Date	04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07	
Matrix	AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR	
Dilution Factor	1.0		1.0		1.0		1.0		1.0		20.0		1.0		20.0		1.0		20.0		5.0		62.0		5.0		64.0		1.0		20.0		2.0		20.0		1.0		20.0		1.0		20.0		1.0	
Units	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
COMPOUND		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
Dichlorodifluoromethane	3.02		2.87		4.31		4.45		19.6		20.8	D	22		25.7	D	21.7		25.7	D	8.41		10.89	U	8.17		11.38	U	4.95		3.56	U	7.18		10.9	D	3.02		3.56	U	2.97		3.56	U	2.92	
Chloromethane	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	1.47	U	0.07	U	1.47	U	0.07	U	1.47	U	0.37	U	4.5	U	0.37	U	4.7	U	0.07	U	1.47	U	0.37	U	1.47	U	0.55		1.47	U	0.07	U	1.47	U	0.07	U
Vinyl Chloride	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	1.53	U	0.08	U	1.53	U	0.08	U	1.53	U	0.38	U	4.86	U	0.38	U	4.86	U	0.08	U	1.53	U	0.38	U	1.53	U	0.08	U	1.53	U	0.08	U	1.53	U	0.08	U
Bromomethane	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	2.64	U	0.13	U	2.64	U	0.13	U	2.64	U	0.66	U	8.16	U	0.66	U	8.55	U	0.13	U	2.64	U	0.66	U	2.64	U	0.13	U	2.64	U	0.13	U	2.64	U	0.13	U
Chloroethane	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	2.02	U	0.1	U	2.02	U	0.1	U	2.02	U	0.51	U	6.38	U	0.51	U	6.38	U	0.1	U	2.02	U	0.51	U	2.02	U	0.1	U	2.02	U	0.1	U	2.02	U	0.1	U
Trichlorofluoromethane	2.63		2.69		7.23		7.51		43.7		42.6	D	53.3		56	D	47.9		56	D	12.9		9.53	U	11.2		10.09	U	11.9		14.6	D	15.4		21.3	D	4.43		3.14	U	3.92		3.14	U	4.2	
Isopropyl Alcohol	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.59	U	0.03	U	0.59	U	0.03	U	0.59	U	0.15	U	1.82	U	0.15	U	1.89	U	0.03	U	0.59	U	0.15	U	0.59	U	2.5		0.59	U	3.66		0.59	U	0.03	U
Dichlorotetrafluoroethane	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	4.34	U	0.22	U	4.34	U	0.22	U	4.34	U	1.12	U	13.29	U	1.12	U	13.99	U	0.22	U	4.34	U	1.12	U	4.34	U	0.22	U	4.34	U	0.22	U	4.34	U	0.22	U
1,1,2-Trichlorotrifluoroethane	1.07		1.3		1.45		0.19	U	1.07		3.82	U	1.22		3.82	U	1.15		3.82	U	0.92	U	12.24	U	0.92	U	12.24	U	0.84		3.82	U	0.92	U	3.82	U	0.84		3.82	U	0.84		3.82	U	0.19	U
Bromoethene	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	2.28	U	0.11	U	2.28	U	0.11	U	2.28	U	0.57	U	7	U	0.57	U	7.44	U	0.11	U	2.28	U	0.57	U	2.28	U	0.11	U	2.28	U	0.11	U	2.28	U	0.11	U
Propene	6.27		7.23		5.02		17		15.4		21.3	D	30.7		42.3	D	15.4		24.7	D	40.8		55.4	D	59.4		68.2	D	13.6		21.6	D	46		62.5	D	13.1		21.6	D	14.5		23	D	3.71	
Heptane	1.8		0.78		1.8		2.09		2.49		3.27	U	1.96		3.27	U	2.7		3.27	U	2.86		10.22	U	3.48		10.63	U	0.98		3.27	U	2.25		3.27	U	0.65		3.27	U	1.23		3.27	U	1.92	
1,1-Dichloroethene	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	2.46	U	0.12	U	2.46	U	0.12	U	2.46	U	0.63	U	7.54	U	0.63	U	7.93	U	0.12	U	2.46	U	0.63	U	2.46	U	0.12	U	2.46	U	0.12	U	2.46	U	0.12	U
Ethyl Acetate	4.71		4.57		4		6.3		6.08		1.58	U	0.08	U	1.58	U	6.15		1.58	U	0.4	U	5.04	U	0.4	U	5.04	U	0.08	U	1.58	U	0.4	U	1.58	U	0.08	U	1.58	U	0.08	U	1.58	U	3.89	
Acetone	24.1		34.8		27.6		43.9		106	E	102	D	58.9	E	63.6	D	110	E	136	D	50.6		48.5	D	105		77.4	D	29.7		35.1	D	68.1		87.8	D	29.5		31.3	D	37		40.8	D	21.5	
Carbon Disulfide	0.07	U	0.07	U	1.12		1.87		0.07	U	1.49	U	1.74		1.49	U	0.07	U	1.49	U	2.02		4.66	U	5.91		4.66	U	0.07	U	1.49	U	2.8		1.49	U	0.68		1.49	U	0.99		1.49	U	0.53	
Methyl tert-Butyl Ether	0.09	U	0.09	U	1.22		0.09	U	0.86		1.73	U	0.09	U	1.73	U	0.94		1.73	U	0.43	U	5.4	U	0.43	U	5.4	U	21.3		23	D	47.5		53.3	D	0.09	U	1.73	U	0.09	U	1.73	U	0.09	U
Methylene Chloride	1.32		3.02		1.98		1.6		1.56		1.04	U	1.53		1.04	U	2.19		1.04	U	3.82		3.23	U	19.5		3.34	U	0.76		1.04	U	4.52		1.04	U	11.9		27.1	D	3.72		1.04	U	1.39	
Allyl Chloride	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	1.51	U	0.08	U	1.51	U	0.08	U	1.51	U	0.38	U	4.72	U	0.38	U	4.72	U	0.08	U	1.51	U	0.38	U	1.51	U	0.08	U	1.51	U	0.08	U	1.51	U	0.08	U
trans-1,2-Dichloroethene	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	2.7	U	0.67	U	8.33	U	0.67	U	8.73	U	0.13	U	2.7	U	0.67	U	2.7	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U
Vinyl Acetate	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	2.81	U	0.7	U	8.79	U	0.7	U	9.15	U	0.14	U	2.81	U	0.7	U	2.81	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U
1,1-Dichloroethane	0.14	U	0.14	U	0.14	U	0.14	U	0.65		2.75	U	0.89		2.75	U	0.65		2.75	U	21.5		25.1	JD	24.1		25.9	JD	0.14	U	2.75	U	0.69	U	2.75	U	0.14	U	2.75	U	0.14	U	2.75	U	0.14	U
Cyclohexane	0.1	U	0.64	J	0.1	U	0.77		2.98		2.08	U	0.1	U	2.08	U	3.76		2.08	U	0.54	U	6.37	U	0.54	U	6.71	U	0.1	U	2.08	U	0.54	U	2.08	U	0.1	U	2.08	U	0.1	U	2.08	U	0.1	U
2-Butanone	11.4		9.63		7.45		12		13.8		11.8	JD	14.9		13.5	D	13.8		14.7	D	16		8.54	U	40.5		8.83	U	18.1		18.8	D	37.4		40	D	5.18		2.77	U	13.1		12.4	D	4.62	
Carbon Tetrachloride	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	3.78	U	0.19	U	3.78	U	0.19	U	3.78	U	0.94	U	11.97	U	0.94	U	11.97	U	0.19	U	3.78	U	0.94	U	3.78	U	0.19	U	3.78	U	0.19	U	3.78	U	0.19	U
cis-1,2-Dichloroethene	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	2.7	U	0.67	U	8.33	U	0.67	U	8.73	U	0.13	U	2.7	U	0.67	U	2.7	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U
Chloroform	0.68		0.97		0.68		0.58		0.88		2.34	U	1.46		2.34	U	0.97		2.34	U	2.68		7.3	U	2.68		7.3	U	0.12	U	2.34	U	0.58	U	2.34	U	0.12	U	2.34	U	0.12	U	2.34	U	0.97	
1,4-Dioxane	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	3.96	U	0.19	U	3.96	U	0.19	U	3.96	U	0.97	U	11.88	U	0.97	U	12.6	U	0.19	U	3.96	U	0.97	U	3.96	U	1.01		3.96	U	0.19	U	3.96	U	0.19	U
1,1,1-Trichloroethane	0.12	U	1.41		19.8		16.9		272	E	274	D	291	E	329	D	308	E	356	D	183		229	D	153		157	D	208	E	239	D	243		292	D	20.6		26.1	D	18.2		21.8	D	8.21	
Tetrahydrofuran	0.82		0.17	U	0.8		0.17	U	1.3		3.53	U	0.17	U	3.53	U	1.33		3.53	U	0.88	U	10.9	U	0.88	U	11.19	U	0.17	U	3.53	U	0.88	U	3.53	U	0.17	U	3.53	U	0.62		3.53	U	0.17	U
2,2,4-Trimethylpentane	1.31		0.14	U	3.5		0.14	U	1.63		2.89	U	0.14	U	2.89	U	1.63		2.89	U	0.75	U	8.86	U	0.75	U	9.33	U	0.14	U	2.89	U	0.75	U	2.89	U	0.14	U	2.89	U	0.14	U	2.89	U	0.79	
Benzene	2.01		1.85		2.04		3		2.07		1.6	U	3.8		1.6	U	2.2		1.6	U	3.83		5.1	U	7.66		5.1	U	1.79		1.6	U	6.7		8.93	D	0.99		1.6	U	1.28		1.6	U	1.66	
1,2-Dichloroethane	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	2.43	U	0.12	U	2.43	U	0.12	U	2.43	U	0.61	U	7.69	U	0.61	U	7.69	U	0.12	U	2.43	U	0.61	U	2.43	U	0.12	U	2.43	U	0.12	U	2.43	U	0.12	U
Trichloroethene	0.19	U	0.19	U	1.88		0.54	J	2.95		3.86	U	3.05		3.86	U	3.21		3.86	U	4.02		11.79	U	3.48		12.32	U	11.3		12.9	D	20.6		23.6	D	6.48		3.86	U	9.7		10.7	JD	0.59	
1,2-Dichloropropane	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	4.53	U	0.23	U	4.53	U	0.23	U	4.53	U	1.11	U	13.87	U	1.11	U	14.33	U	0.23	U	4.53	U	1.11	U	4.53	U	0.23	U	4.53	U	0.23	U	4.53	U	0.23	U
Bromodichloromethane	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	5.37	U	0.27	U	5.37	U	0.27	U	5.37	U	1.34	U	16.77	U	1.34	U	17.44	U	0.27	U	5.37	U	1.34	U	5.37	U	0.27	U	5.37	U	0.27	U	5.37	U	0.27	U
4-Methyl-2-Pentanone	3.52		1.39		3.72		2.74		2.17		2.13	U	3.72		2.13	U	2.45		2.13	U	9.41		6.54	U	130		6.95	U	8.75		2.13	U	13.5		2.13	U	4.09		2.13	U	9.24		2.13	U	0.11	U
Toluene	8.35		3.65		5.87		7.94		7.11		3.31	U	5.57		3.31	U	8.39		7.53	JD	16.4		10.16	U	131		50.6	D	9.67		8.28	D	18.1		18.8	D	8.54		7.53	JD	11.3		9.03	D	7.19	
t-1,3-Dichloropropene	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	2.27	U	0.11	U	2.27	U	0.11	U	2.27	U	0.54	U	7.26	U	0.54	U	7.26	U	0.11	U	2.27	U	0.54	U	2.27	U	0.11	U	2.27	U	0.11	U	2.27	U	0.11	U
cis-1,3-Dichloropropene	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	2.81	U	0.73	U	8.63	U	0.73	U	9.08	U	0.14	U	2.81	U	0.73	U	2.81	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U
1,1,2-Trichloroethane	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	5.98	U	0.29	U	5.98	U	0.29	U	5.98	U	1.47	U	17.95	U	1.47	U	19.04	U	0.29	U	5.98	U	1.47	U	5.98	U	0.29	U	5.98	U	0.29	U	5.98	U	0.29	U
2-Hexanone	1.35		0.09	U	0.98		1.02		0.09	U	1.8	U	1.68		1.8	U	0.09	U	1.8	U	0.45	U	5.73	U	0.45	U	5.73	U	0.09	U	1.8	U	0.45	U	1.8	U	0.09	U	1.8	U	0.09	U	1.8	U	0.09	U
Dibromochloromethane	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	6.47	U	0.32	U	6.47	U	0.32	U	6.47	U	1.62	U	20.42	U	1.62	U	20.42	U	0.32	U	6.47	U	1.62	U	6.47	U	0.32	U	6.47	U	0.32	U	6.47	U	0.32	U
1,2-Dibromoethane	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	5.23	U	0.26	U	5.23	U	0.26	U	5.23	U	1.31	U	16.15	U	1.31	U	16.92	U	0.26	U	5.23	U	1.31	U	5.23	U	0.26	U	5.23	U	0.26	U	5.23	U	0.26	U
Tetrachloroethene	5.23		5.5		25.1		20.3		125		122	D	202	E	225	D	134		145	D	3128	E	3006	D	3672	E	2594	D	1587	E	1302	D	2042	E	2038	D	689	E	688	D	686	E	585	D	69.9	
Chlorobenzene	0.31	U	0.31	U	0.31	U	0.31	U	1.06		6.01	U	0.31	U	6.01	U	1.76		6.01	U	1.53	U	18.95	U	1.53	U	19.41	U	0.31	U	6.01	U	1.53	U	6.01	U	0.31	U	6.01	U	0.31	U	6.01	U	0.31	U
Ethyl Benzene	2.6		0.91		1.69		1.56		1.39		3.12	U	2.17		3.12	U	1.78		3.12	U	2.17	J	9.54	U	2.17	J	9.97	U	1.13		3.12	U	2.6		3.12	U	1.13		3.12	U	1.04		3.12	U	6.07	
m/p-Xylene	8.93		2.34		5.94		4.12		4.42		5.64	U	5.94		5.64	U	6.07		5.64	U	4.99		17.34	U	4.77		17.78	U	3.29		5.64	U	6.94		5.64	U	4.6		5.64	U	3.69		5.64	U	17.7	
o-Xylene	3.47		1.95		2.77		2.08		2.12		3.47	U	2.9		3.47	U	3.03		3.47	U	2.6		10.84	U	2.82		11.27	U	1.34		3.47	U	3.25		3.47	U	1.43		3.47	U	1.34		3.47	U	5.77	
Styrene	0.19	U	0.19	U	0.43	J	0.64		0.64		3.74	U	1.28		3.74	U	0.89		3.74	U	4.89		11.48	U	4.68		11.91	U	0.51		3.74	U	0.94	U	3.74	U	0.19	U	3.74	U	0.19	U	3.74	U	0.19	U
Bromoform	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	4.97	U	0.25	U	4.97	U	0.25	U	4.97	U	1.24	U	15.52	U	1.24	U	15.52	U	0.25	U	4.97	U	1.24	U	4.97	U	0.25	U	4.97	U	0.25	U	4.97	U	0.25	U
1,1,2,2-Tetrachloroethane	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	8.93	U	0.45	U	8.93	U	0.45	U	8.93	U	2.2	U	27.48	U	2.2	U	28.86	U	0.45	U	8.93	U	2.2	U	8.93	U	0.45	U	8.93	U	0.45	U	8.93	U	0.45	U
1,3,5-Trimethylbenzene	3.48		9.18		4.37		4.32		1.47		2.36	U	2.99		2.36	U	2.16		2.36	U	0.59	U	7.36	U	9.08		7.36	U	1.08		2.36	U	0.59	U	2.36	U	0.83		2.36	U	0.74		2.36	U	3.98	
1,2,4-Trimethylbenzene	7.46		16.5		8.74		7.61		4.17		3.53	U	7.9		3.53	U	6.28		3.53	U	4.42		10.8	U	14.5		11.29	U	4.07		3.53	U	7.61		3.53	U	2.99		3.53	U	3.34		3.53	U	7.31	
4-Ethyltoluene	2.21		4.86		2.55		2.5		1.03		1.47	U	1.72		1.47	U	1.37		1.47	U	0.37	U	4.56	U	4.17		4.71	U	0.83		1.47	U	0.37	U	1.47	U	0.59		1.47	U	0.64		1.47	U	2.01	
1,3-Dichlorobenzene	0.13	U	0.13	U	0.13	U	0.13	U	1.68		2.65	U	0.13	U	2.65	U	1.26		2.65	U	0.66	U	8.42	U	0.66	U	8.42	U	0.13	U	2.65	U	0.66	U	2.65	U	0.13	U	2.65	U	0.13	U	2.65	U	0.13	U
1,4-Dichlorobenzene	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	4.09	U	0.2	U	4.09	U	0.2	U	4.09	U	1.02	U	12.63	U	1.02	U	13.23	U	0.2	U	4.09	U	1.02	U	4.09	U	0.66		4.09	U	0.96		4.09	U	0.2	U
1,2-Dichlorobenzene	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	5.05	U	0.25	U	5.05	U	0.25	U	5.05	U	1.26	U	15.63	U	1.26	U	16.23	U	0.25	U	5.05	U	1.26	U	5.05	U	0.25	U	5.05	U	0.25	U	5.05	U	0.25	U
1,2,4-Trichlorobenzene	0.96		0.35	U	0.35	U	0.35	U	0.35	U	6.96	U	0.35	U	6.96	U	0.35	U	6.96	U	5.18		21.47	U	5.55		22.21	U	1.04		6.96	U	5.18		6.96	U	0.89		6.96	U	1.18		6.96	U	0.35	U
Hexachloro-1,3-Butadiene	1.17		0.45	U	0.45	U	0.45	U	0.45	U	8.97	U	0.45	U	8.97	U	0.45	U	8.97	U	11.2		27.75	U	11.2		28.82	U	2.13		8.97	U	9.07		8.97	U	1.71		8.97	U	1.81		8.97	U	0.45	U
1,3-Butadiene	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	1.77	U	0.09	U	1.77	U	0.09	U	1.77	U	0.44	U	5.52	U	0.44	U	5.74	U	0.09	U	1.77	U	0.44	U	1.77	U	0.09	U	1.77	U	0.09	U	1.77	U	0.09	U
Hexane	3.55		3.41		3.97		7.98		5.98		2.53	U	4.61		2.53	U	5.49		2.53	U	4.75		7.74	U	11.3		8.09	U	0.13	U	2.53	U	5.63		2.53	U	3.83		2.53	U	3.13		2.53	U	3.45	
Benzyl Chloride	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	2.88	U	0.14	U	2.88	U	0.14	U	2.88	U	0.69	U	9.23	U	0.69	U	9.23	U	0.14	U	2.88	U	0.69	U	2.88	U	0.14	U	2.88	U	0.14	U	2.88	U	0.14	U

Table 6
Spectrum Finishing Corporation
Site No. 1-52-029
Summary of Soil Vapor Analytical Results for VOCs - April 2007

Sample ID	SV-7D		SV-8S		SV-8SDL		SV-8D		SV-9S		SV-9SDL		SV-9D		SV-9DDL		SV-10S		SV-10SDL		SV-10D		SV-10DDL		SV-11S		SV-11SDL		SV-11D		SV-11DDL		SV-12S		SV-12D		SV-13S		SV-13D		SV-15S		SV-15SDL		SV-15D		SV-15DDL	
Lab Sample Number	Y2495-13		Y2495-14		Y2495-14DL		Y2495-15		Y2414-13		Y2414-13DL		Y2414-14		Y2414-14DL		Y2414-09		Y2414-09DL		Y2414-10		Y2414-10DL		Y2414-03		Y2414-03DL		Y2414-04		Y2414-04DL		Y2414-05		Y2414-06		Y2495-16		Y2495-17		Y2414-15		Y2414-15DL		Y2414-16		Y2414-16D	
Sampling Date	04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07	
Matrix	AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR	
Dilution Factor	1.0		1.0		20.0		1.0		2.0		20.0		2.0		20.0		2.0		20.0		5.0		1.0		1.0		10.0		1.0		10.0		1.0		1.0		1.0		1.0		1.0		10.0		1.0		10.0	
Units	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
COMPOUND		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q	
Dichlorodifluoromethane	2.97		3.56		3.56	U	3.46		22.6		30.7	D	19.8		29.7	D	4.36		3.56	U	5.69		3.56	U	2.72		1.78	U	2.67		1.78	U	2.62		2.97		2.82		2.97		3.27		1.78	U	3.37		1.78	
Chloromethane	0.07	U	0.07	U	1.47	U	0.07	U	0.15	U	1.47	U	0.15	U	1.47	U	0.15	U	1.47	U	0.37	U	1.47	U	0.07	U	0.74	U	0.07	U	0.74	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.74	U	0.07	U	0.74	
Vinyl Chloride	0.08	U	0.08	U	1.53	U	0.08	U	0.15	U	1.53	U	0.15	U	1.53	U	0.15	U	1.53	U	0.38	U	1.53	U	0.08	U	0.77	U	0.08	U	0.77	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.77	U	0.08	U	0.77	
Bromomethane	0.13	U	0.13	U	2.64	U	0.13	U	0.26	U	2.64	U	0.26	U	2.64	U	0.26	U	2.64	U	0.66	U	2.64	U	0.13	U	1.32	U	0.13	U	1.32	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	1.32	U	0.13	U	1.32	
Chloroethane	0.1	U	0.1	U	2.02	U	0.1	U	0.2	U	2.02	U	0.2	U	2.02	U	0.2	U	2.02	U	0.51	U	2.02	U	0.1	U	1.01	U	0.1	U	1.01	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	1.01	U	0.1	U	1.01	
Trichlorofluoromethane	4.48		4.09		3.14	U	4.37		68.8		89.7	D	60.3		81.8	D	12.9		16.8	D	12		14.6	D	2.8		1.57	U	3.19		1.57	U	3.81		2.97		2.75		3.08		2.86		1.57	U	3.25		1.57	
Isopropyl Alcohol	0.03	U	0.03	U	0.59	U	0.03	U	0.06	U	0.59	U	0.06	U	0.59	U	0.06	U	0.59	U	0.15	U	0.59	U	2.26		0.29	U	0.03	U	0.29	U	3.31		0.03	U	0.03	U	0.03	U	3.34		0.29	U	0.03	U	0.29	
Dichlorotetrafluoroethane	0.22	U	0.22	U	4.34	U	0.22	U	0.43	U	4.34	U	0.43	U	4.34	U	0.43	U	4.34	U	1.12	U	4.34	U	0.22	U	2.17	U	0.22	U	2.17	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	2.17	U	0.22	U	2.17	
1,1,2-Trichlorotrifluoroethane	1.07		1.53		3.82	U	1.38		0.38	U	3.82	U	1.68		3.82	U	0.38	U	3.82	U	0.92	U	3.82	U	0.84		1.91	U	0.76	J	1.91	U	0.92		0.99		0.92		1.15		1.38		1.91	U	1.07		1.91	
Bromoethene	0.11	U	0.11	U	2.28	U	0.11	U	0.23	U	2.28	U	0.23	U	2.28	U	0.23	U	2.28	U	0.57	U	2.28	U	0.11	U	1.14	U	0.11	U	1.14	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	1.14	U	0.11	U	1.14	
Propene	7.52		18.8		21.3	D	27.7		25.8		40.9	D	30.8		48.4	D	23.2		36.1	D	60.6		81.1	D	2.73		0.88	U	0.09	U	0.88	U	0.09	U	10.4		11.9		18.2		12.7		19.1	D	26.7		42.8	
Heptane	1.72		6.18		3.27	U	2.25		2.45		3.27	U	3.84		3.27	U	2.21		3.27	U	4.91		3.27	U	0.53		1.64	U	0.16	U	1.64	U	0.86		1.15		3.07		1.68		1.64		1.64	U	3.56		1.64	
1,1-Dichloroethene	0.12	U	0.12	U	2.46	U	0.12	U	6.03		7.93	JD	5.47		8.73	D	1.75		2.46	U	2.38		2.46	U	0.12	U	1.23	U	0.12	U	1.23	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	1.23	U	0.12	U	1.23	
Ethyl Acetate	4.03		10.4		1.58	U	5.18		0.16	U	1.58	U	0.16	U	1.58	U	0.16	U	1.58	U	0.4	U	1.58	U	0.08	U	0.79	U	0.08	U	0.79	U	4.25		0.08	U	4.57		3.38		5.76		0.79	U	0.08	U	0.79	
Acetone	39.8		89.3	E	74	D	29.8		42.7		54.1	D	81.2		93	D	39.6		49.3	D	52.7		52.2	D	87.2	E	68.3	D	27.3		26.3	D	25.4		39.8		16.8		41.2		42.2		45.3	D	58	E	60.3	
Carbon Disulfide	0.07	U	1.87		1.49	U	1.77		0.15	U	1.49	U	3.42		1.49	U	1.55		1.49	U	2.8		1.49	U	0.07	U	0.75	U	0.5		0.75	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.75	U	0.07	U	0.75	
Methyl tert-Butyl Ether	0.09	U	0.09	U	1.73	U	0.09	U	0.17	U	1.73	U	1.15		1.73	U	0.17	U	1.73	U	0.43	U	1.73	U	0.09	U	0.86	U	0.09	U	0.86	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.86	U	0.09	U	0.86	
Methylene Chloride	1.15		6.19		1.04	U	27.5		2.99		1.04	U	3.62		1.04	U	5.08		1.04	U	4.87		1.04	U	2.12		12.9	D	1.88		0.52	U	5.18		13.5		2.78		0.87		2.19		0.52	U	1.56		0.52	
Allyl Chloride	0.08	U	0.08	U	1.51	U	0.08	U	0.15	U	1.51	U	0.15	U	1.51	U	0.15	U	1.51	U	0.38	U	1.51	U	0.08	U	0.76	U	0.08	U	0.76	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.76	U	0.08	U	0.76	
trans-1,2-Dichloroethene	0.13	U	0.13	U	2.7	U	0.13	U	0.27	U	2.7	U	0.27	U	2.7	U	0.27	U	2.7	U	0.67	U	2.7	U	0.13	U	1.35	U	0.13	U	1.35	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	1.35	U	0.13	U	1.35	
Vinyl Acetate	0.14	U	0.14	U	2.81	U	0.14	U	0.28	U	2.81	U	0.28	U	2.81	U	0.28	U	2.81	U	0.7	U	2.81	U	0.14	U	1.41	U	0.14	U	1.41	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	1.41	U	0.14	U	1.41	
1,1-Dichloroethane	0.14	U	0.14	U	2.75	U	0.14	U	52.4		66.4	D	23		29.2	D	17		21.9	D	17.8		21.1	D	0.14	U	1.38	U	0.14	U	1.38	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	1.38	U	0.14	U	1.38	
Cyclohexane	0.6	J	1.04		2.08	U	0.1	U	0.21	U	2.08	U	0.21	U	2.08	U	0.21	U	2.08	U	0.54	U	2.08	U	0.1	U	1.04	U	0.1	U	1.04	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	1.04	U	0.1	U	1.04	
2-Butanone	12.6		14.5		13	D	4.18		22		24.1	D	23.8		22.4	D	18.7		20	D	20.2		23	D	9.31		8.25	D	5.09		5.3	JD	17		19.5		3.3		13.5		13.6		12.1	D	17.2		15.3	
Carbon Tetrachloride	0.19	U	1.39		3.78	U	1.89		0.38	U	3.78	U	0.38	U	3.78	U	0.38	U	3.78	U	0.94	U	3.78	U	0.19	U	1.89	U	0.19	U	1.89	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	1.89	U	0.19	U	1.89	
cis-1,2-Dichloroethene	0.13	U	0.13	U	2.7	U	0.13	U	0.27	U	2.7	U	0.27	U	2.7	U	1.35		2.7	U	0.67	U	2.7	U	0.13	U	1.35	U	0.13	U	1.35	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	1.35	U	0.13	U	1.35	
Chloroform	2.38		6.96		2.34	U	21		4.67		2.34	U	5.26		2.34	U	0.97	J	2.34	U	0.58	U	2.34	U	4.67		1.17	U	1.9		1.17	U	0.68		0.12	U	0.49	J	0.68		1.36		1.17	U	1.46		1.17	
1,4-Dioxane	0.19	U	0.19	U	3.96	U	0.19	U	0.4	U	3.96	U	0.4	U	3.96	U	0.4	U	3.96	U	0.97	U	3.96	U	0.19	U	1.94	U	0.19	U	1.94	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	1.94	U	0.19	U	1.94	
1,1,1-Trichloroethane	7.13		36.4		27.2	D	33.9		1024	E	1459	D	767	E	972	D	649	E	796	D	604	E	682	D	7.07		7.07	D	9.08		9.25	D	1.03		0.65		1.74		2.34		19.4		21.8	D	16.6		19	
Tetrahydrofuran	0.17	U	0.77		3.53	U	0.17	U	0.35	U	3.53	U	0.35	U	3.53	U	0.35	U	3.53	U	0.88	U	3.53	U	0.17	U	1.74	U	0.17	U	1.74	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	1.74	U	0.17	U	1.74	
2,2,4-Trimethylpentane	0.14	U	2.94		2.89	U	0.14	U	0.29	U	2.89	U	0.29	U	2.89	U	0.29	U	2.89	U	0.75	U	2.89	U	0.14	U	1.45	U	0.14	U	1.45	U	0.61		0.14	U	1.77		0.14	U	0.14	U	1.45	U	0.14	U	1.45	
Benzene	2.36		5.52		1.6	U	3.09		3		1.6	U	4.98		7.66	D	2.36		1.6	U	6.06		7.66	D	1.02		0.8	U	0.64		0.8	U	3.22		2.74		2.42		2.46		3.54		3.83	D	5.55		6.38	
1,2-Dichloroethane	0.12	U	0.12	U	2.43	U	0.12	U	0.24	U	2.43	U	0.24	U	2.43	U	0.24	U	2.43	U	0.61	U	2.43	U	0.12	U	1.21	U	0.12	U	1.21	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	1.21	U	0.12	U	1.21	
Trichloroethene	0.19	U	1.93		3.86	U	2.2		159		186	D	87.2		109	D	108		119	D	86		105	D	0.19	U	1.93	U	0.75		1.93	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	1.77		1.93	U	2.73		1.93	
1,2-Dichloropropane	0.23	U	0.23	U	4.53	U	0.23	U	0.45	U	4.53	U	0.45	U	4.53	U	0.45	U	4.53	U	1.11	U	4.53	U	0.23	U	2.26	U	0.23	U	2.26	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	2.26	U	0.23	U	2.26	
Bromodichloromethane	0.27	U	0.27	U	5.37	U	0.27	U	0.54	U	5.37	U	0.54	U	5.37	U	0.54	U	5.37	U	1.34	U	5.37	U	0.27	U	2.68	U	0.27	U	2.68	U	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	2.68	U	0.27	U	2.68	
4-Methyl-2-Pentanone	1.02		3.11		2.13	U	1.02		78.8		70.3	D	47.8		39.3	D	10.6		2.13	U	11.9		2.13	U	11.9		1.06	U	2.33		1.06	U	27.6		53.1		0.11	U	2.33		71.8		56.9	D	61.4		47	
Toluene	4.74		79.9	E	53.4	D	4.89		8.96		9.03	D	43.9		39.9	D	15.1		11.3	D	19.9		21.8	D	17.3		10.2	D	3.95		1.66	U	26		63		5.68		4.44		66		57.2	D	59.9		59.5	
t-1,3-Dichloropropene	0.11	U	0.11	U	2.27	U	0.11	U	0.23	U	2.27	U	0.23	U	2.27	U	0.23	U	2.27	U	0.54	U	2.27	U	0.11	U	1.13	U	0.11	U	1.13	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	1.13	U	0.11	U	1.13	
cis-1,3-Dichloropropene	0.14	U	0.14	U	2.81	U	0.14	U	0.28	U	2.81	U	0.28	U	2.81	U	0.28	U	2.81	U	0.73	U	2.81	U	0.14	U	1.41	U	0.14	U	1.41	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	1.41	U	0.14	U	1.41	
1,1,2-Trichloroethane	0.29	U	0.29	U	5.98	U	0.29	U	0.6	U	5.98	U	0.6	U	5.98	U	0.6	U	5.98	U	1.47	U	5.98	U	0.29	U	2.94	U	0.29	U	2.94	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	2.94	U	0.29	U	2.94	
2-Hexanone	1.31		0.09	U	1.8	U	0.09	U	0.18	U	1.8	U	0.18	U	1.8	U	0.18	U	1.8	U	0.45	U	1.8	U	0.09	U	0.9	U	0.09	U	0.9	U	0.09	U	1.47		0.09	U	1.15		0.9		0.9	U	0.09	U	0.9	
Dibromochloromethane	0.32	U	0.32	U	6.47	U	0.32	U	0.65	U	6.47	U	0.65	U	6.47	U	0.65	U	6.47	U	1.62	U	6.47	U	0.32	U	3.23	U	0.32	U	3.23	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	3.23	U	0.32	U	3.23	
1,2-Dibromoethane	0.26	U	0.26	U	5.23	U	0.26	U	0.52	U	5.23	U	0.52	U	5.23	U	0.52	U	5.23	U	1.31	U	5.23	U	0.26	U	2.61	U	0.26	U	2.61	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	2.61	U	0.26	U	2.61	
Tetrachloroethene	46.1		29.2		25.8	D	25.3		652	E	674	D	318	E	372	D	1817	E	1765	D	1405	E	1673	D	81.1		67.2	D	147	E	112	D	40		15.3		3.39		3.39		342	E	321	D	336	E	299	
Chlorobenzene	0.31	U	0.31	U	6.01	U	0.31	U	0.6	U	6.01	U	0.6	U	6.01	U	0.6	U	6.01	U	1.53	U	6.01	U	0.31	U	3.05	U	0.31	U	3.05	U	0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	3.05	U	0.31	U	3.05	
Ethyl Benzene	1.13		71.3		59.8	D	2.34		3.03		3.12	U	3.29		3.12	U	2.95		3.12	U	48.1		58.1	D	1.04		1.56	U	0.43	J	1.56	U	1.95		0.87		2.17		0.69		1.21		1.56	U	1.99		1.56	
m/p-Xylene	2.82		285	E	281	D	6.63		12.1		5.64	U	9.1		5.64	U	6.16		5.64	U	122		155	D	3.9		2.77	U	1.47		2.77	U	5.98		2.21		5.55		1.39		2.12		2.77	U	3.38		2.77	
o-Xylene	1.6		158	E	146	D	3.03		7.54		3.47	U	4.94		3.47	U	2.6		3.47	U	51.8		64.2	D	1.91		1.73	U	0.65		1.73	U	1.99		1		3.86		0.65		0.95		1.73	U	1.73		1.73	
Styrene	0.64		3.02		3.74	U	0.77		0.94		3.74	U	1.79		3.74	U	0.37	U	3.74	U	0.94	U	3.74	U	34.2		12.8	D	1.4		1.87	U	0.51		0.55		62.9		1.4		0.89		1.87	U	1.11		1.87	
Bromoform	0.25	U	0.25	U	4.97	U	0.25	U	0.5	U	4.97	U	0.5	U	4.97	U	0.5	U	4.97	U	1.24	U	4.97	U	0.25	U	2.48	U	0.25	U	2.48	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	2.48	U	0.25	U	2.48	
1,1,2,2-Tetrachloroethane	0.45	U	0.45	U	8.93	U	0.45	U	0.89	U	8.93	U	0.89	U	8.93	U	0.89	U	8.93	U	2.2	U	8.93	U	0.45	U	4.47	U	0.45	U	4.47	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	4.47	U	0.45	U	4.47	
1,3,5-Trimethylbenzene	6.87		230	E	230	D	3.14		13.3		2.36	U	3.53		2.36	U	4.32		2.36	U	10.8		2.36	U	0.79		1.18	U	0.12	U	1.18	U	1.08		0.64		11.1		3.48		0.12	U	1.18	U	0.12	U	1.18	
1,2,4-Trimethylbenzene	11.9		386	E	646	D	11.4		35.4		24.5	D	10.5		3.53	U	8.05		3.53	U	16.9		13.7	D	2.7		1.77	U	1.62		1.77	U	4.12		2.21		18		6.77		1.37		1.77	U	1.37		1.77	
4-Ethyltoluene	3.83		92.5		84.4	D	2.01		5.89		1.47	U	1.87		1.47	U	1.87		1.47	U	4.42		1.47	U	0.07	U	0.74	U	0.49	J	0.74	U	0.74		0.59		5.35		1.47		0.07	U	0.74	U	0.49	J	0.74	
1,3-Dichlorobenzene	0.13	U	0.13	U	2.65	U	0.13	U	0.26	U	2.65	U	0.26	U	2.65	U	0.26	U	2.65	U	0.66	U	2.65	U	0.13	U	1.32	U	0.13	U	1.32	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	1.32	U	0.13	U	1.32	
1,4-Dichlorobenzene	0.2	U	0.2	U	4.09	U	0.2	U	0.41	U	4.09	U	0.41	U	4.09	U	0.41	U	4.09	U	1.02	U	4.09	U	0.84		2.04	U	0.6	J	2.04	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	2.04	U	0.2	U	2.04	
1,2-Dichlorobenzene	0.25	U	0.25	U	5.05	U	0.25	U	0.51	U	5.05	U	0.51	U	5.05	U	0.51	U	5.05	U	1.26	U	5.05	U	0.25	U	2.53	U	0.25	U	2.53	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	2.53	U	0.25	U	2.53	
1,2,4-Trichlorobenzene	0.35	U	0.35	U	6.96	U	0.35	U	3.26		6.96	U	2.52		6.96	U	2.81		6.96	U	7.77		6.96	U	0.96		3.48	U	0.96		3.48	U	1.18		1.18		0.35	U	0.35	U	1.41		3.48	U	1.33		3.48	
Hexachloro-1,3-Butadiene	0.45	U	0.45	U	8.97	U	0.45	U	4.7		8.97	U	4.91		8.97	U	5.12		8.97	U	12.3		8.97	U	1.81		4.48	U	2.03		4.48	U	2.03		1.92		0.45	U	0.45	U	2.46		4.48	U	2.56		4.48	
1,3-Butadiene	0.09	U	0.09	U	1.77	U	0.09	U	0.18	U	1.77	U	0.18	U	1.77	U	0.18	U	1.77	U	0.44	U	1.77	U	0.09	U	0.88	U	0.09	U	0.88	U	0.09	U	0.09	U	0.09	U	0.09	U	0.09	U	0.88	U	0.09	U	0.88	
Hexane	4.04		8.65		2.53	U	4.61		4.01		2.53	U	4.99		2.53	U	0.25	U	2.53	U	5.98		2.53	U	0.13	U	1.27	U	0.13	U	1.27	U	2.99		6.93		4.12		3.41		4.26		1.27	U	5.94		1.27	
Benzyl Chloride	0.14	U	0.14	U	2.88	U	0.14	U	2266.37		2736.66		1579.66		1853.09		2764.61		2835.4		2596.88		2972.46		281.72		186.72		216.69		152.85		185.06		245.64		0.14	U	0.14	U	610.38		537.23		618.25		549.28	

Table 6
Spectrum Finishing Corporation
Site No. 1-52-029
Summary of Soil Vapor Analytical Results for VOCs - April 2007

Sample ID	L	SV-17S		SV-17SDL		SV-17D		SV-17DDL		SV-171S		SV-171SDL		SV-18S		SV-18D		SV-18DDL		SV-20S		SV-20SDL		SV-20D		SV-20DDL		SV-21S		SV-21D		OA-AA1		OA-AA2	
Lab Sample Number		Y2495-01		Y2495-01DL		Y2495-02		Y2495-02DL		Y2495-03		Y2495-03DL		Y2414-17		Y2414-18		Y2414-18DL		Y2414-19		Y2414-19DL		Y2414-20		Y2414-20DL		Y2495-04		Y2495-05		Y2495-20		Y2495-06	
Sampling Date		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07	
Matrix		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR	
Dilution Factor		1.0		1.0		1.0		20.0		1.0		20.0		1.0		1.0		20.0		1.0		20.0		1.0		20.0		1.0		1.0		1.0		1.0	
Units		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
COMPOUND	Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q	
Dichlorodifluoromethane	U	3.61		3.56	U	3.71		3.56	U	3.22		3.56	U	4.16		2.92		3.56	U	5.3		3.56	U	7.37		3.56	U	3.12		3.12		3.02		2.92	
Chloromethane	U	0.07	U	1.47	U	0.07	U	1.47	U	0.07	U	1.47	U	0.07	U	1.76		1.47	U	0.07	U	1.47	U	0.07	U	1.47	U	0.07	U	0.07	U	1.33		1.29	
Vinyl Chloride	U	0.08	U	1.53	U	0.08	U	1.53	U	0.08	U	1.53	U	0.08	U	0.08	U	1.53	U	0.08	U	1.53	U	0.08	U	1.53	U	0.08	U	0.08	U	0.08	U	0.08	U
Bromomethane	U	0.13	U	2.64	U	0.13	U	2.64	U	0.13	U	2.64	U	0.13	U	0.13	U	2.64	U	0.13	U	2.64	U	0.13	U	2.64	U	0.13	U	0.13	U	0.13	U	0.13	U
Chloroethane	U	0.1	U	2.02	U	0.1	U	2.02	U	0.1	U	2.02	U	0.1	U	0.1	U	2.02	U	0.1	U	2.02	U	0.1	U	2.02	U	0.1	U	0.1	U	0.1	U	0.1	U
Trichlorofluoromethane	U	5.27		3.14	U	5.49		3.14	U	4.43		3.14	U	4.93		2.02		3.14	U	5.55		3.14	U	6.22		3.14	U	4.43		4.37		2.3		1.74	
Isopropyl Alcohol	U	3.56		0.59	U	0.03	U	0.59	U	0.03	U	0.59	U	0.03	U	9.79		0.59	U	0.03	U	0.59	U	0.03	U	0.59	U	0.03	U	0.03	U	20.6		0.03	U
Dichlorotetrafluoroethane	U	0.22	U	4.34	U	0.22	U	4.34	U	0.22	U	4.34	U	0.22	U	0.22	U	4.34	U	0.22	U	4.34	U	0.22	U	4.34	U	0.22	U	0.22	U	0.22	U	0.22	U
1,1,2-Trichlorotrifluoroethane	U	0.92		3.82	U	0.19	U	3.82	U	0.92		3.82	U	1.15		0.84		3.82	U	1.45		3.82	U	1.22		3.82	U	1.07		1.22		1.3		0.76	J
Bromoethene	U	0.11	U	2.28	U	0.11	U	2.28	U	0.11	U	2.28	U	0.11	U	0.11	U	2.28	U	0.11	U	2.28	U	0.11	U	2.28	U	0.11	U	0.11	U	0.11	U	0.11	U
Propene	D	27.9		30.6	D	46.7	E	52.6	D	23.1		32	D	5.5		4.26		1.72	U	0.09	U	1.72	U	23.6		44	D	13.2		18.2		0.09	U	0.89	
Heptane	U	7.2		3.27	U	5.6		3.27	U	5.11		3.27	U	0.65		0.78		3.27	U	1.23		3.27	U	2.54		3.27	U	17.2		1.64		2.37		0.53	
1,1-Dichloroethene	U	0.12	U	2.46	U	0.12	U	2.46	U	0.12	U	2.46	U	0.12	U	0.12	U	2.46	U	0.12	U	2.46	U	0.12	U	2.46	U	0.12	U	0.12	U	0.12	U	0.12	U
Ethyl Acetate	U	0.08	U	1.58	U	0.08	U	1.58	U	0.08	U	1.58	U	0.08	U	0.08	U	1.58	U	0.08	U	1.58	U	0.08	U	1.58	U	0.08	U	0.08	U	11.5		0.08	U
Acetone	D	70.2	E	42.2	D	54.6	E	51.2	D	74.8	E	78.3	D	22.7		272	E	276	D	20.4		28.9	D	51.2	E	55	D	31.2		29.1		32.4		23.4	
Carbon Disulfide	U	1.34		1.49	U	1.87		1.49	U	0.07	U	1.49	U	0.07	U	0.07	U	1.49	U	0.07	U	1.49	U	0.31	J	1.49	U	1.24		0.71		0.34		0.07	U
Methyl tert-Butyl Ether	U	0.09	U	1.73	U	0.09	U	1.73	U	0.09	U	1.73	U	0.09	U	0.09	U	1.73	U	0.09	U	1.73	U	0.09	U	1.73	U	0.61		0.09	U	0.09	U	0.09	U
Methylene Chloride	U	4.76		1.04	U	4.42		1.04	U	2.92		1.04	U	3.65		12.9		21.6	D	2.12		16	D	2.22		15.3	D	1.81		2.4		43		26.8	
Allyl Chloride	U	0.08	U	1.51	U	0.08	U	1.51	U	0.08	U	1.51	U	0.08	U	0.08	U	1.51	U	0.08	U	1.51	U	0.08	U	1.51	U	0.08	U	0.08	U	0.08	U	0.08	U
trans-1,2-Dichloroethene	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	0.13	U	0.13	U	0.13	U
Vinyl Acetate	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	0.14	U	0.14	U	0.14	U
1,1-Dichloroethane	U	0.14	U	2.75	U	0.14	U	2.75	U	0.14	U	2.75	U	0.14	U	0.14	U	2.75	U	0.14	U	2.75	U	0.14	U	2.75	U	0.14	U	0.14	U	0.14	U	0.14	U
Cyclohexane	U	9.99		11.4	JD	1.78		2.08	U	6.91		2.08	U	0.1	U	0.1	U	2.08	U	0.1	U	2.08	U	0.1	U	2.08	U	0.1	U	0.1	U	1.31		0.1	U
2-Butanone	D	10.1		2.77	U	12.7		2.77	U	7.69		2.77	U	6.1		6.39		2.77	U	7.01		2.77	U	15.5		17.7	D	13.8		5.62		5.12		1.8	
Carbon Tetrachloride	U	0.19	U	3.78	U	0.19	U	3.78	U	0.19	U	3.78	U	0.19	U	0.69		3.78	U	0.19	U	3.78	U	0.19	U	3.78	U	0.19	U	0.19	U	0.63	J	0.63	J
cis-1,2-Dichloroethene	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	2.7	U	0.13	U	0.13	U	0.13	U	0.13	U
Chloroform	U	1.31		2.34	U	1.02		2.34	U	1.02		2.34	U	0.12	U	0.12	U	2.34	U	0.58		2.34	U	0.63		2.34	U	0.83		0.83		0.12	U	0.12	U
1,4-Dioxane	U	0.19	U	3.96	U	0.19	U	3.96	U	0.19	U	3.96	U	0.19	U	0.19	U	3.96	U	0.19	U	3.96	U	0.19	U	3.96	U	0.19	U	0.19	U	0.19	U	0.19	U
1,1,1-Trichloroethane	D	10.3		10.9	JD	12.3		12	D	7.23		2.39	U	0.92		1.31		2.39	U	12		15.2	D	21.5		26.1	D	40.5		78.9		0.12	U	0.12	U
Tetrahydrofuran	U	1.94		3.53	U	0.17	U	3.53	U	1.41		3.53	U	0.17	U	0.17	U	3.53	U	0.17	U	3.53	U	0.17	U	3.53	U	0.62		0.17	U	0.17	U	0.17	U
2,2,4-Trimethylpentane	U	7.18		2.89	U	9.74		9.33	JD	5.04		2.89	U	0.14	U	0.14	U	2.89	U	1.54		2.89	U	0.14	U	2.89	U	11.3		0.14	U	0.84		0.47	J
Benzene	D	5.42		1.6	U	5.9		1.6	U	4.21		1.6	U	1.4		0.99		1.6	U	2.33		1.6	U	3.92		1.6	U	5.9		2.58		1.24		0.54	
1,2-Dichloroethane	U	0.12	U	2.43	U	0.12	U	2.43	U	0.12	U	2.43	U	0.12	U	0.12	U	2.43	U	0.12	U	2.43	U	0.12	U	2.43	U	0.12	U	0.12	U	0.12	U	0.12	U
Trichloroethene	U	1.66		3.86	U	2.84		3.86	U	1.02		3.86	U	0.19	U	0.19	U	3.86	U	0.59		3.86	U	1.34		3.86	U	0.54	J	0.59		0.75		0.19	U
1,2-Dichloropropane	U	0.23	U	4.53	U	0.23	U	4.53	U	0.23	U	4.53	U	0.23	U	0.23	U	4.53	U	0.23	U	4.53	U	0.23	U	4.53	U	0.23	U	0.23	U	0.23	U	0.23	U
Bromodichloromethane	U	0.27	U	5.37	U	0.27	U	5.37	U	0.27	U	5.37	U	0.27	U	0.27	U	5.37	U	0.27	U	5.37	U	0.27	U	5.37	U	0.27	U	0.27	U	0.27	U	0.27	U
4-Methyl-2-Pentanone	D	10.8		2.13	U	7.57		2.13	U	8.63		2.13	U	6.46		3.64		2.13	U	10.2		2.13	U	10.2		2.13	U	3.68		0.11	U	6.87		0.11	U
Toluene	D	27.3		21.8	D	37.2		33.1	D	17.1		18.1	D	10.4		7.53		3.31	U	11.7		9.78	D	13.5		11.3	D	11.3		4.36		27.7		1.69	
t-1,3-Dichloropropene	U	0.11	U	2.27	U	0.11	U	2.27	U	0.11	U	2.27	U	0.11	U	0.11	U	2.27	U	0.11	U	2.27	U	0.11	U	2.27	U	0.11	U	0.11	U	0.11	U	0.11	U
cis-1,3-Dichloropropene	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	2.81	U	0.14	U	0.14	U	0.14	U	0.14	U
1,1,2-Trichloroethane	U	0.29	U	5.98	U	0.29	U	5.98	U	0.29	U	5.98	U	0.29	U	0.29	U	5.98	U	0.29	U	5.98	U	0.29	U	5.98	U	0.29	U	0.29	U	0.29	U	0.29	U
2-Hexanone	U	0.09	U	1.8	U	0.09	U	1.8	U	0.09	U	1.8	U	0.09	U	0.09	U	1.8	U	0.09	U	1.8	U	0.09	U	1.8	U	0.09	U	0.09	U	0.09	U	0.09	U
Dibromochloromethane	U	0.32	U	6.47	U	0.32	U	6.47	U	0.32	U	6.47	U	0.32	U	0.32	U	6.47	U	0.32	U	6.47	U	0.32	U	6.47	U	0.32	U	0.32	U	0.32	U	0.32	U
1,2-Dibromoethane	U	0.26	U	5.23	U	0.26	U	5.23	U	0.26	U	5.23	U	0.26	U	0.26	U	5.23	U	0.26	U	5.23	U	0.26	U	5.23	U	0.26	U	0.26	U	0.26	U	0.26	U
Tetrachloroethene	D	180	E	186	D	268	E	292	D	116		133	D	14.5		2.78		5.3	U	260	E	234	D	396	E	353	D	40.4		79.2		1.43		0.26	U
Chlorobenzene	U	6.75		6.01	U	0.31	U	6.01	U	2.82		6.01	U	0.31	U	0.31	U	6.01	U	0.31	U	6.01	U	0.31	U	6.01	U	0.31	U	0.31	U	0.31	U	0.31	U
Ethyl Benzene	U	4.03		3.12	U	15.9		13.9	D	2.17		3.12	U	0.56		0.48		3.12	U	0.48		3.12	U	1		3.12	U	4.51		0.78		1.95		0.16	U
m/p-Xylene	U	14.1		5.64	U	57.2		47.7	D	7.54		5.64	U	1.04		0.95		5.64	U	1		5.64	U	2.47		5.64	U	11.7		1.6		6.11		0.87	J
o-Xylene	U	6.85		3.47	U	30.2		25.1	D	3.6		3.47	U	0.65		0.48		3.47	U	0.43	J	3.47	U	0.91		3.47	U	11.4		0.74		2.25		0.48	
Styrene	U	2.72		3.74	U	1.74		3.74	U	1.87		3.74	U	0.51		0.19	U	3.74	U	0.19	U	3.74	U	0.72		3.74	U	0.19	U	0.43	J	1.74		0.19	U
Bromoform	U	0.25	U	4.97	U	0.25	U	4.97	U	0.25	U	4.97	U	0.25	U	0.25	U	4.97	U	0.25	U	4.97	U	0.25	U	4.97	U	0.25	U	0.25	U	0.25	U	0.25	U
1,1,2,2-Tetrachloroethane	U	0.45	U	8.93	U	0.62	J	8.93	U	0.45	U	8.93	U	0.45	U	0.45	U	8.93	U	0.45	U	8.93	U	0.45	U	8.93	U	0.45	U	0.45	U	0.45	U	0.45	U
1,3,5-Trimethylbenzene	U	4.71		2.36	U	38.3		29.4	D	2.45		2.36	U	0.12	U	0.12	U	2.36	U	0.12	U	2.36	U	0.12	U	2.36	U	22.9		0.49	J	0.79		0.83	
1,2,4-Trimethylbenzene	U	14		10.8	D	91.8		69.7	D	7.51		9.82	JD	0.74		1.08		3.53	U	0.59		3.53	U	1.37		3.53	U	35.3		0.98		2.01		1.91	
4-Ethyltoluene	U	3.78		1.47	U	21.7		16.7	D	1.96		1.47	U	0.07	U	0.07	U	1.47	U	0.07	U	1.47	U	0.07	U	1.47	U	13.7		0.07	U	0.64		0.49	J
1,3-Dichlorobenzene	U	1.38		2.65	U	0.13	U	2.65	U	1.26		2.65	U	0.13	U	0.13	U	2.65	U	0.13	U	2.65	U	0.13	U	2.65	U	0.13	U	0.13	U	0.13	U	0.13	U
1,4-Dichlorobenzene	U	0.96		4.09	U	0.2	U	4.09	U	0.66		4.09	U	0.2	U	0.2	U	4.09	U	0.2	U	4.09	U	0.2	U	4.09	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	U	0.25	U	5.05	U	0.25	U	5.05	U	0.25	U	5.05	U	0.25	U	0.25	U	5.05	U	0.25	U	5.05	U	0.25	U	5.05	U	0.25	U	0.25	U	0.25	U	0.25	U
1,2,4-Trichlorobenzene	U	1.92		6.96	U	1.33		6.96	U	0.89		6.96	U	1.48		1.41		6.96	U	1.33		6.96	U	1.11		6.96	U	0.35	U	0.35	U	0.35	U	0.35	U
Hexachloro-1,3-Butadiene	U	1.28		8.97	U	0.45	U	8.97	U	0.45	U	8.97	U	2.46		2.67		8.97	U	2.13		8.97	U	2.35		8.97	U	0.45	U	0.45	U	0.45	U	0.45	U
1,3-Butadiene	U	0.09	U	1.77	U	0.09	U	1.77	U	0.09	U	1.77	U	0.09	U	0.09	U	1.77	U	0.09	U	1.77	U	0.09	U	1.77	U	0.09	U	0.09	U	0.09	U	0.09	U
Hexane	U	14.1		14.8	D	7.88		2.53	U	11.1		14.1	JD	2.6		4.43		2.53	U	7.49		2.53	U	5.14		2.53	U	14.6		5.1		9.5		17.6	
Benzyl Chloride		0.14	U	2.88	U	0.14	U	2.88	U	0.14	U	2.88	U	92.56		342.1		297.6		355.45		303.88		572.34		2.88	U	0.14	U	0.14	U	0.14	U	0.14	U

Table 1
NYSDEC Work Assignment # D006131-1
Spectrum Finishing Corporation Site No. 1-52-029
Groundwater Elevation and Sample Information Summary

Groundwater Sampling			
Location	Sample ID	Depth to GW (Ft BGS)	Groundwater Elevation (Feet)
MW-1S	152029-GW-MW1S	15.57	47.93
MW-1D	NS	15.48	48.02
MW-2	152029-GW-MW2	15.15	48.26
MW-3S	152029-GW-MW3S	15.56	47.82
MW-3D	NS	15.56	47.82
MW-4S	152029-GW-MW4S	14.73	47.45
MW-4D	NS	14.79	47.39
MW-6S	152029-GW-MW6S	14.23	47.57
MW-7S	152029-GW-MW7S	15.34	47.95
MW-9	152029-GW-MW9	Not Measured	Not Measured
MW-11S	152029-GW-MW11S	15.21	47.92
MW-12S	152029-GW-MW12S	15.14	47.19
MW-13ST	152029-GW-MW13ST	Not Measured	Not Measured
MW-13D	NS	14.42	47.75
MW-14S	152029-GW-MW14S	14.62	47.21

Legend

BGS= Below Ground Surface
GW= Groundwater
S= Shallow
D= Deep
T= Temporary Well
NS= No Sample (Only shallow groundwater samples were collected)

Table 3
Spectrum Finishing Corporation
Site No. 1-52-029
Summary of Groundwater Analytical Results for VOCs - April 2007

Sample ID			MW1S		MW2		MW3S		MW4S		MW41S		MW6S		MW6SDL		MW7S		MW9		MW11S		MW12S		MW13ST		MW14S		TB1	
Lab Sample Number			Y2464-08		Y2464-12		Y2464-01		Y2464-03		Y2464-04		Y2464-05		Y2464-05DL		Y2464-13		Y3829-01		Y2464-11		Y2464-06		Y2464-02		Y2464-07		Y2464-14	
Sampling Date			04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		8/1/2007		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07	
Matrix		Ambient	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Dilution Factor		Water	1.0		1.0		1.0		1.0		1.0		1.0		4.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Units		Quality Standard	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
COMPOUND	CAS #			Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
Dichlorodifluoromethane	75-71-8	5#	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.68	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
Chloromethane	74-87-3	5#	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	1.4	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Vinyl Chloride	75-01-4	2	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	1.3	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
Bromomethane	74-83-9	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	1.6	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Chloroethane	75-00-3	5#	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	3.3	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U
Trichlorofluoromethane	75-69-4	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.88	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
1,1,2-Trichlorotrifluoroethane	76-13-1	5	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	5.2	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
1,1-Dichloroethene	75-35-4	0.7#	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	1.7	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
Acetone	67-64-1	50#	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	9.0	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Carbon Disulfide	75-15-0	NS	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	1.6	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Methyl tert-butyl Ether	1634-04-4	NS	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	1.1	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Methyl Acetate	79-20-9	NS	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.81	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Methylene Chloride	75-09-2	5	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	1.7	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
trans-1,2-Dichloroethene	156-60-5	5	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	1.6	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
1,1-Dichloroethane	75-34-3	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	1.5	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Cyclohexane	110-82-7	NS	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	1.5	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
2-Butanone	78-93-3	NS	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	4.6	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
Carbon Tetrachloride	56-23-5	5	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	4.5	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
cis-1,2-Dichloroethene	156-59-2	5	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	1.2	U	0.29	U	4.7	J	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U
Chloroform	67-66-3	7	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	1.3	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
1,1,1-Trichloroethane	71-55-6	5	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	1.3	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Methylcyclohexane	108-87-2	NS	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	1.4	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Benzene	71-43-2	1	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	1.5	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
1,2-Dichloroethane	107-06-2	0.6	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	1.4	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
Trichloroethene	79-01-6	5	0.46	U	0.46	U	1.7	J	0.46	U	0.46	U	1.0	J	1.8	U	0.46	U	12		0.46	U	0.46	U	0.46	U	0.46	U	0.46	U
1,2-Dichloropropane	78-87-5	1	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	1.6	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Bromodichloromethane	75-27-4	50#	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	1.3	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U
4-Methyl-2-Pentanone	108-10-1	NS	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	6.5	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Toluene	108-88-3	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	1.5	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
t-1,3-Dichloropropene	10061-02-6	NS	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	1.3	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,3-Dichloropropene	10061-01-5	NS	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	1.4	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1,2-Trichloroethane	79-00-5	1	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	1.6	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
2-Hexanone	591-78-6	50#	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	6.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
Dibromochloromethane	124-48-1	50#	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	1.1	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
1,2-Dibromoethane	106-93-4	NS	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	1.3	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
Tetrachloroethene	127-18-4	5	0.48	U	12		16		30		28		140	E	94	D	1.0	J	65		3.3	J	9.4		0.48	U	0.48	U	0.48	U
Chlorobenzene	108-90-7	5	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	1.9	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
Ethyl Benzene	100-41-4	5	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	1.8	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U
m/p-Xylenes	126777-61-2	5	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	4.7	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
o-Xylene	95-47-6	5	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	1.8	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U
Styrene	100-42-5	5#	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	1.6	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Bromoform	75-25-2	50#	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	1.3	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U

Table 3
Spectrum Finishing Corporation
Site No. 1-52-029
Summary of Groundwater Analytical Results for VOCs - April 2007

Sample ID			MW1S		MW2		MW3S		MW4S		MW41S		MW6S		MW6SDL		MW7S		MW9		MW11S		MW12S		MW13ST		MW14S		TB1	
Lab Sample Number			Y2464-08		Y2464-12		Y2464-01		Y2464-03		Y2464-04		Y2464-05		Y2464-05DL		Y2464-13		Y3829-01		Y2464-11		Y2464-06		Y2464-02		Y2464-07		Y2464-14	
Sampling Date			04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		8/1/2007		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07	
Matrix		Ambient	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Dilution Factor		Water	1.0		1.0		1.0		1.0		1.0		1.0		4.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Units		Quality Standard	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
COMPOUND	CAS #			Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
Isopropylbenzene	98-82-8	5#	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	1.8	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	1.2	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
1,3-Dichlorobenzene	541-73-1	3	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	2.0	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	106-46-7	3	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	2.1	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
1,2-Dichlorobenzene	95-50-1	3	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	1.7	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.4	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	1.5	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
1,2,4-Trichlorobenzene	120-82-1	5	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	1.8	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U

Qualifiers

U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
# - Inidcates Groundwater Guidance Value
E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NS - No Groundwater Standard
NR - Not analyzed

Table 4
Spectrum Finishing Corporation
Site No. 1-52-029
Summary of Groundwater Analytical Results for Metals - April 2007

Sample ID			MW1S		MW2		MW3S		MW4S		MW41S		MW6S		MW7S		MW11S		MW12S		MW13ST		MW14S	
Lab Sample Number			Y2464-08		Y2464-12		Y2464-01		Y2464-03		Y2464-04		Y2464-05		Y2464-13		Y2464-11		Y2464-06		Y2464-02		Y2464-07	
Sampling Date			04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07		04/24/07	
Matrix			WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Dilution Factor			1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Units		Ambient Water Quality Standard	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
COMPOUND	CAS #			Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
Aluminum	7429-90-5	100	2,830		225		2,920		943		650		141		57.9		272		146		16,800		69.6	
Antimony	7440-36-0	3	3.100	U	3.100	U	9.940	J	3.100	U	3.100	U	3.100	U	3.100	U	5.670	J	3.100	U	3.100	U	3.100	U
Arsenic	7440-38-2	25	4.270	J	4.910	J	4.910	J	3.100	U	5.170	J	5.420	J	5.980	J	7.980	J	3.990	J	18.5		5.610	J
Barium	7440-39-3	1,000	52.7		33.4	J	46.3	J	70.3		59.8		42.5	J	50.1		84.1		62.5		121		53.3	
Beryllium	7440-41-7	3#	0.430	J	0.290	J	0.270	J	0.230	J	0.210	J	0.120	J	0.130	J	0.430	J	0.210	J	1.440	J	0.190	J
Cadmium	7440-43-9	5	22.9		4.610		12.4		1270		1140		311		4.080		2.400	J	381		5.320		63.8	
Calcium	7440-70-2	NS	42,700		14,800		18,600		19,500		16,800		14,800		29,100		19,500		19,900		55,300		21,300	
Chromium	7440-47-3	50	5.710		5.860		63.2		14.4		9.480		186		17.4		5.710		9.760		91.4		2.490	J
Cobalt	7440-48-4	NS	2.890	J	1.710	J	1.630	J	3.400	J	3.350	J	2.030	J	1.300	U	2.290	J	3.890	J	18.4		1.300	U
Copper	7440-50-8	200	118		35.0		125		536		454		9.830	J	13.0		7.060	J	17.6		36.0		5.480	J
Iron	7439-89-6	500	1,240		666		2,760		774		292		201		341		371		121		23,100		126	
Lead	7439-92-1	25	27.8		55.2		21.7		13.2		6.570		1.900	U	2.290	J	2.390	J	1.900	U	12.9		1.900	U
Magnesium	7439-95-4	35,000	4,490		2,980		3,600		3,960		3,340		2,890		3,560		3,480		3,980		9,820		4,320	
Manganese	7439-96-5	500	190		142		105		228		196		56.4		4.030	J	52.0		122		1,740		16.2	
Mercury	7439-97-6	0.7	0.12	J	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.34		0.12	J
Nickel	7440-02-0	100	12.4	J	6.370	J	16.0	J	292		263		199		5.410	J	6.960	J	431		75.2		11.4	J
Potassium	7440-09-7	NS	7,230		2,110		1,990		3,250		2,810		2,100		2,140		2,610		2,740		7,950		3,140	
Selenium	7782-49-2	10	5.610	J	5.380	J	4.100	J	3.000	J	2.100	U	3.160	J	3.970	J	3.300	J	3.180	J	2.680	J	3.610	J
Silver	7440-22-4	50	1.160	J	2.050	J	2.140	J	1.340	J	1.930	J	0.730	J	1.150	J	3.390	J	1.830	J	1.680	J	1.790	J
Sodium	7440-23-5	20,000	20,900		7,920		8,090		13,500		11,900		13,500		7,920		9,260		15,800		58,300		11,300	
Thallium	7440-28-0	8	7.500	U	7.500	U	7.500	U	7.500	U	7.500	U	7.500	U	7.500	U	7.500	U	7.500	U	7.500	U	7.500	U
Vanadium	7440-62-2	14	1.000	U	1.460	J	3.030	J	2.270	J	1.350	J	1.000	U	1.460	J	1.000	J	1.510	J	23.2		2.140	J
Zinc	7440-66-6	2,000#	198		54.2		950		203		177		77.8		54.2		95.2		181		117		53.4	

Qualifiers

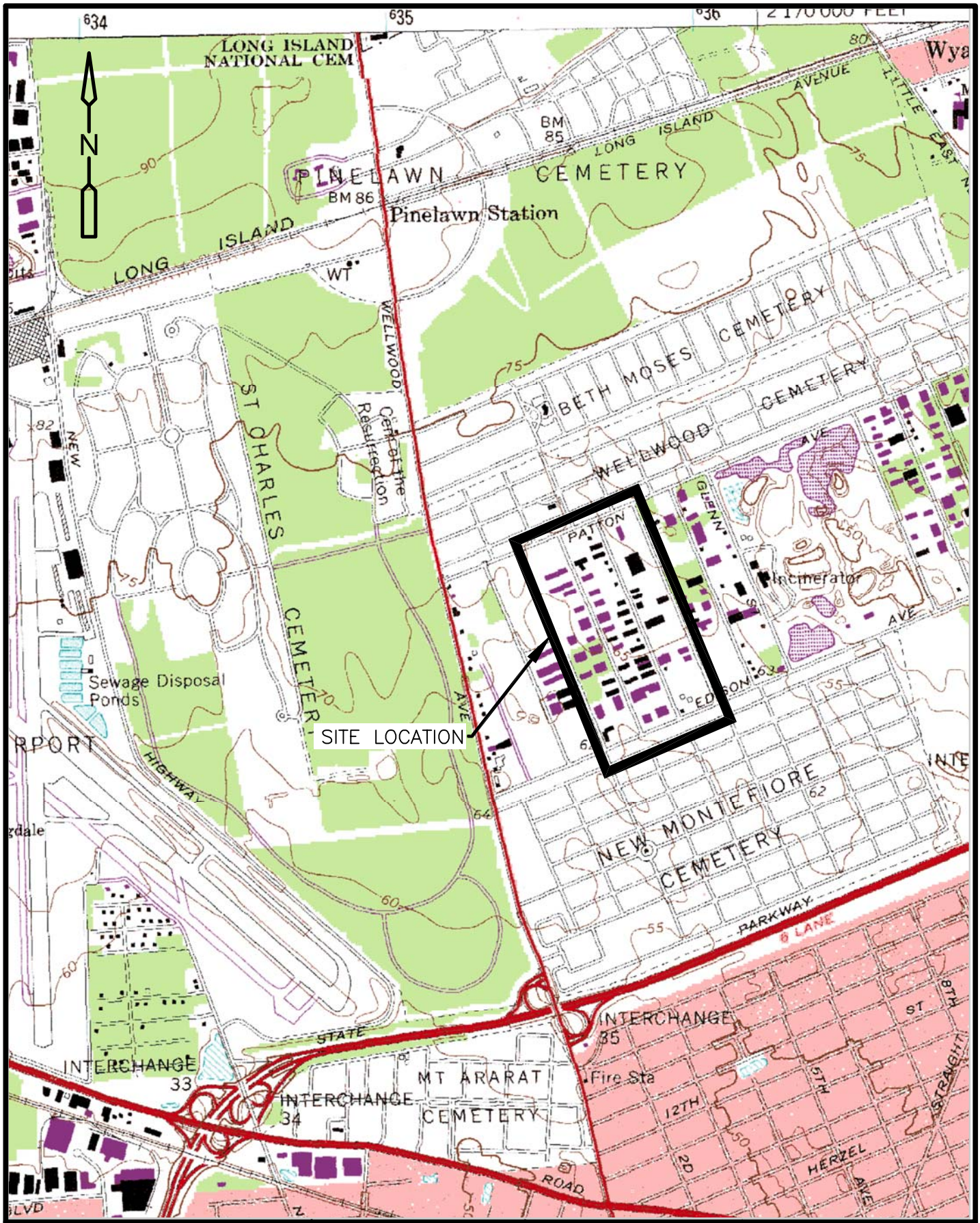
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
# - Guidance Value
E (Organics) - Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NS - No Standard or Guidance Value available
NR - Not analyzed

Table 5
Spectrum Finishing Corporation
Site No. 1-52-059
Comparison of Groundwater Sample Results - April 2001 to April 2007
Shallow Aquifer for VOCs and Metals

	MW-1S		MW-1S		MW-2S		MW-2		MW-3S		MW-3S		MW-4S		MW-4S		MW-6S		MW-6S		MW-7S		MW-7S		MW-11S		MW-11S		MW-12S		MW-12S		MW-13S		MW-13ST		MW-14S		MW-14S	
	4/30/2001		4/24/2007		4/27/2001		4/24/2007		4/24/2001		4/24/2007		4/24/2001		4/24/2007		4/25/2001		4/24/2007		4/25/2001		4/24/2007		4/24/2001		4/24/2007		4/23/2001		4/24/2007		5/3/2001		4/24/2007		5/1/2001		4/24/2007	
Volatile Organics (ug/L)		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
Methyl-tert-butyl ether			0.28	U			0.28	U	14		0.28	U			0.28	U	2	J	0.28	U			0.28	U			0.28	U			0.28	U					0.28	U	0.28	U
Trichloroethene			0.46	U			0.46	U			1.7	U			0.46	U	4	J	1	J			0.46	U			0.46	U	2	J	0.46	U					0.46	U	0.46	U
Tetrachloroethene			0.48	U	20		12		7	J	16		13		30		160		140	E	1	J	1	J	2	J	3.3	J	80		9.4		3	J	0.48		2	J	0.48	U
Unfiltered Metals (ug/L)		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q
Aluminum	578		2,830		4,260		225		119	B	2,920				943		163	B	141				57.9		110	B	272		200	B	146				16,800		189	B	69.6	
Antimony			3.100	U	2.8	B	3.100	U			9.940	J			3.100	U	3.4	B	3.100	U			3.100	U	4.7	B	5.670	J	1.7	B	3.100	U	1.9	B	3.100	U	2.8	B	3.100	U
Arsenic			4.270	J	5.7	B	4.910	J			4.910	J			3.100	U			5.420	J			5.980	J			7.980	J			3.990	J			18.5				5.610	J
Barium	18.9	B	52.7		70.2	B	33.4	J	42.4	B	46.3	J	34.7	B	70.3		78.1	B	42.5	J	30.4	B	50.1		31.1	B	84.1		52.2	B	62.5		0.54	B	121		62.2	B	53.3	
Beryllium			0.430	J	0.62	B	0.290	J			0.270	J			0.230	J			0.120	J			0.130	J			0.430	J	0.53	B	0.210	J			1.440	J			0.190	J
Cadmium	0.75	B	22.9		6		4.610		2.5	B	12.4		70.5		1270		1,940		311		16.2		4.080		0.46	B	2.400	J	339		381				5.320		103		63.8	
Calcium	33,500		42,700		19,100		14,800		19,000		18,600		11,000		19,500		20,200		14,800		11,400		29,100		20,400		19,500		16,100		19,900				55,300		26,400		21,300	
Chromium	4	B	5.710		22.8		5.860		87.7		63.2		30.3		14.4		824		186		15.6		17.4		4.2	B	5.710		7	B	9.760				91.4		4.5	B	2.490	J
Cobalt	2.1	B	2.890	J	1.8	B	1.710	J	0.56	B	1.630	J	12.2	B	3.400	J	9.4	B	2.030	J			1.300	U	0.71	B	2.290	J	7	B	3.890	J			18.4		1.5	B	1.300	U
Copper	10.9	B	118		348		35.0		26		125		834		536		9.6	B	9.830	J	8.5	B	13.0				7.060	J	3.5	B	17.6				36.0				5.480	J
Iron	31.4	BJ	1240		7,000	J	666		30.1	B	2,760		57.7	B	774		18.4	BJ	201		77.1	B	341		126		371		143		121				23,100		209	J	126	
Lead			27.8		213	J	55.2				21.7		1.4	B	13.2				1.900	U			2.290	J	1.1	B	2.390	J			1.900	U			12.9				1.900	U
Magnesium	3,080	B	4,490		4,400	B	2,980		3,830	B	3,600		2,950	B	3,960		5,080		2,890		1,490	B	3,560		2,890	B	3,480		3,030	B	3,980				9,820		4,090	B	4,320	
Manganese	94.3		190		95		142		21.6		105		68.7		228		214		56.4		10.2	B	4.030	J	8.4	B	52.0		97.6		122		1.3	B	1740		21.6		16.2	
Nickel	9.8	B	12.4	J	19.2	B	6.370	J	28.2	B	16.0	J	249		292		981		199		33.3	B	5.410	J	6.5	B	6.960	J	543		431				75.2		25.5	B	11.4	J
Potassium	3,440	BE	7,230		1,570	BE	2,110		1,920	B	1,990		3,980	B	3,250		2,780	BE	2,100		1,600	B	2,140		1,470	B	2,610		2,250	B	2740				7,950		2,380	BE	3,140	
Selenium			5.610	J			5.380	J			4.100	J			3.000	J			3.160	J			3.970	J			3.300	J			3.180	J			2.680	J			3.610	J
Silver			1.160	J	11.6		2.050	J			2.140	J			1.340	J			0.730	J			1.150	J			3.390	J			1.830	J			1.680	J			1.790	J
Sodium	19,100		20,900		7,530		9,260		9,660	E	8,090		120,000	E	13,500		27,700		13,500		5,720	E	7,920		17,700	E	11300		12,900	E	15,800		1,720	B	58,300		11,600		14,200	
Thallium			7.500	U			7.500	U			7.500	U			7.500	U			7.500	U			7.500	U	4.8	B	7.500	U			7.500	U			7.500	U			7.500	U
Vanadium	0.51	B	1.000	U	8.6	B	1.000	J			3.030	J	2.2	B	2.270	J	0.82	B	1.000	U			1.460	J	1.2	B	2.140	J			1.510	J			23.2		1.4	B	1.000	U
Zinc	51		198		62.3		95.2		6.8	B	950		42.6		203		42.3		77.8				54.2				53.4		39.6		181				117				46.4	

Notes:

1. Only compounds detected in one or more groundwater samples are presented in this table.
2. Blank indicates compound was not detected.
3. NT indicates compound was not tested.
4. Analytical testing in 2001 completed by CompuChem Corporation.
5. Q = laboratory qualifier.
6. U = The compound was not detected at the indicated concentration.
7. J = Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
8. B = The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
9. ug/L = micrograms per liter.
10. NYSDEC Class GA Standards (Std)/Guidance Values (GV), dated June 1998; Errata Sheet dated January 1999; and Addendum dated April 2000.



SITE LOCATION MAP SPECTRUM FINISHING CORP.	DATE JULY 2007			ADDENDUM NO.	FIGURE NO.
		SHEET NO.	LOCATION		
CDM Camp Dresser & McKee Inc.		1			1

NOTES:

1. BASE MAP PROVIDED BY O'BRIEN & GERE ENGINEERS.
2. THE OVERHEAD AND UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED BY STANDARD SURVEY PRACTICE AND AVAILABLE RECORD INFORMATION. THE USER OF THIS PLAN IS CAUTIONED THAT THE UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED NOR IS THERE ANY GUARANTEE THAT ALL EXISTING UTILITIES, WHETHER FUNCTIONAL OR ABANDONED, WITHIN THE PROJECT AREA ARE SHOWN ON THIS PLAN. EXACT LOCATIONS MUST BE FIELD MARKED BY THE RESPECTIVE UTILITY COMPANY.
3. ELEVATIONS ARE REFERENCED TO AN ASSUMED DATUM AND SHALL BE USED FOR THIS PROJECT ONLY.
4. FIELD SURVEY TO LOCATE SOIL VAPOR POINTS WAS COMPLETED ON MAY 2, 2007.
5. HORIZONTAL POSITIONING IS BASED UPON GPS OBSERVATIONS TO N.G.S. PUBLISHED STATIONS PERFORMED BY MUNOZ ENGINEERING & LAND SURVEYING, PC.
6. COORDINATE GRID BASED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM FOR LONG ISLAND EAST (3104) NAD83.
7. BEARINGS AND DISTANCES REFER TO DEED LIBER 11638 PAGE 993.

REFERENCE MAPS:

1. SECTION NO.74 PROPERTY MAP, TOWN OF BABYLON, DISTRICT NO. 0100, COUNTY OF SUFFOLK, REAL PROPERTY TAX SERVICE AGENCY, COUNTY CENTER, RIVERHEAD, NY 11901.
2. MAP OF LOTS NO.7 AND NO.8 OF THE WESTERN DIVISION OF THE SQUAW PIT PURCHASE KNOWN AS SHEET NO.9 OF THE CITY OF BRESLAW, IN THE TOWN OF BABYLON, SUFFOLK COUNTY, NY, SURVEYED AND DRAWN SEPTEMBER 2, 1913.

LEGEND

- MONITORING WELL LOCATION
- DRAINAGE STRUCTURE
- SOIL VAPOR POINTS

NOTE:

SOIL VAPOR POINTS SV-17, SV-18, SV-20, SV-21, AND MONITORING WELLS MW-6, MW-13, MW-12, AND MW-14 ARE OFF THE MAP TO THE NORTHEAST. THEIR LOCATION CAN BE FOUND ON THE BOUNDARY SURVEY MAP IN ATTACHMENT C. THE LOCATION OF MW-9 IS APPROXIMATE.

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY:
DRAWN BY: R. HAINES
SHEET CHK'D BY:
CROSS CHK'D BY:
APPROVED BY:
DATE: JULY 2006

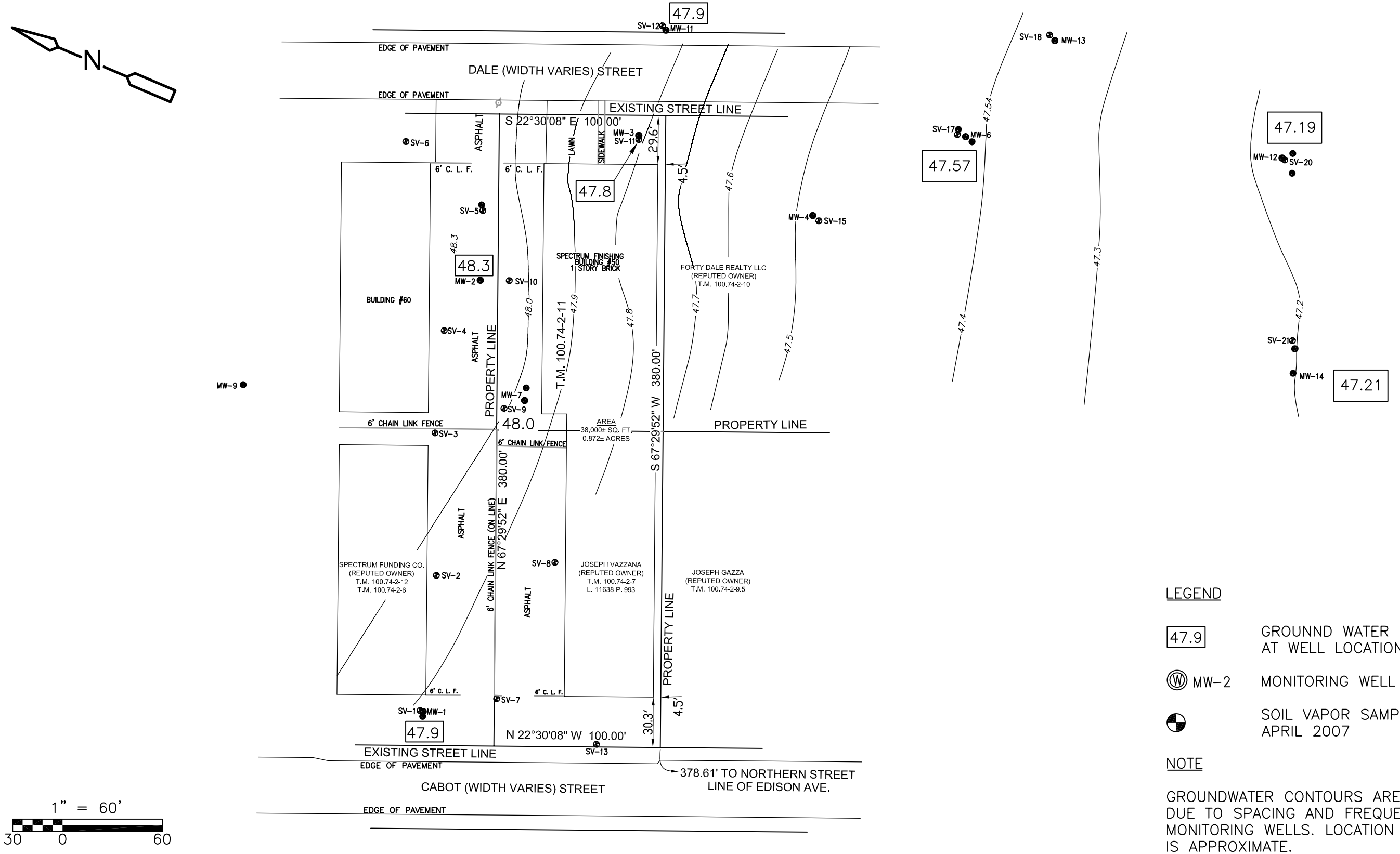
CDM
Camp Dresser & McKee
15 British American Boulevard
Latham, NY 12110
Tel: (518) 782-4500
consulting • engineering • construction • operations

PREPARED FOR NEW YORK STATE
DEPARTMENT OF ENVIROMENTAL CONSERVATION

SPECTRUM FINISHING CORPORATION
SITE NUMBER 1-52-029
SOIL VAPOR POINTS AND GROUNDWATER MONITORING WELL LOCATIONS

PROJECT NO. 0897-58505
FILE NAME: CSTPL002
FIGURE
2

C:\Projects\0897\58505\CIVL\ CSTPL002 09/21/07 08:38 hainesrw XREFS: CDM_2234, CSTWP001



LEGEND

47.9	GROUNND WATER ELEVATION AT WELL LOCATION
MW-2	MONITORING WELL
	SOIL VAPOR SAMPLE LOCATION APRIL 2007

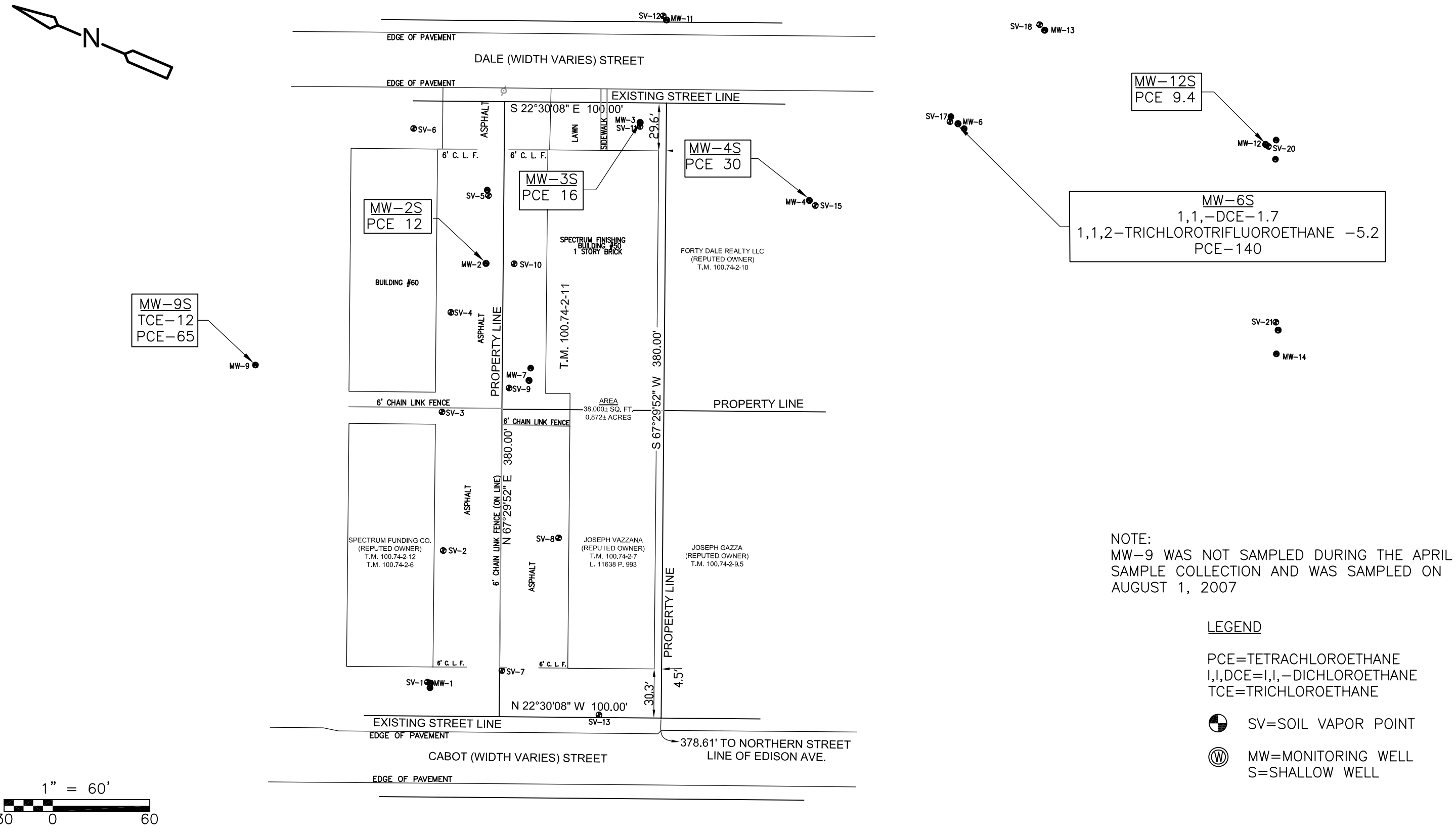
NOTE

GROUNDWATER CONTOURS ARE INFERRED DUE TO SPACING AND FREQUENCY OF MONITORING WELLS. LOCATION OF MW-9 IS APPROXIMATE.

SPECTRUM FINISHING CORPORATION
50 DALE STREET
WEST BABYLON, NY
SITE NO. 1-52-029

CDM

FIGURE 3
GROUNDWATER ELEVATION CONTOURS IN SHALLOW OVERBURDEN



NOTE:
MW-9 WAS NOT SAMPLED DURING THE APRIL SAMPLE COLLECTION AND WAS SAMPLED ON AUGUST 1, 2007

LEGEND

PCE=TETRACHLOROETHANE
I,I,DCE=I,I,-DICHLOROETHANE
TCE=TRICHLOROETHANE

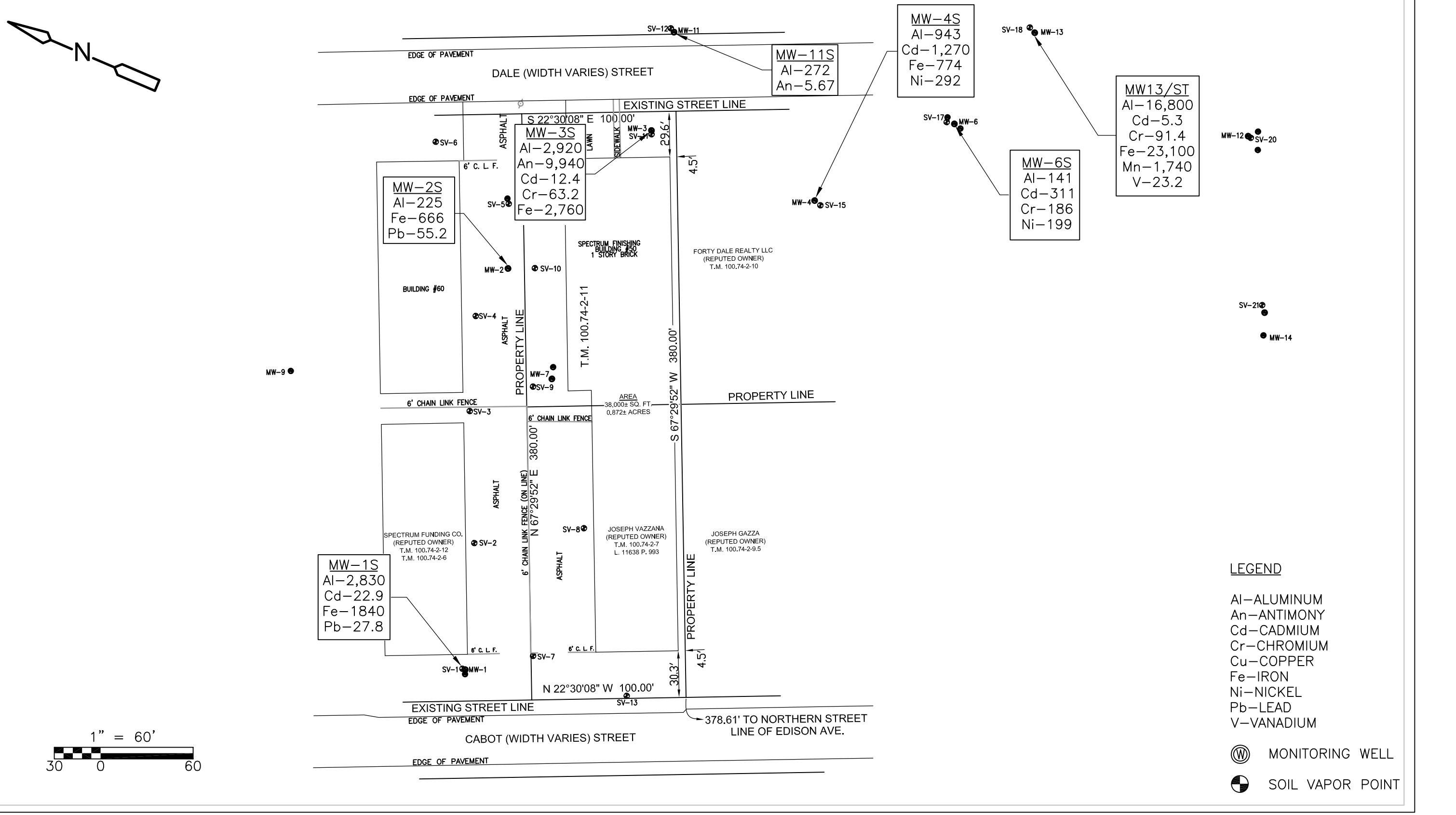
SV=SOIL VAPOR POINT

MW=MONITORING WELL
S=SHALLOW WELL

SPECTRUM FINISHING CORPORATION
50 DALE STREET
WEST BABYLON, NY
SITE NO. 1-52-029

CDM

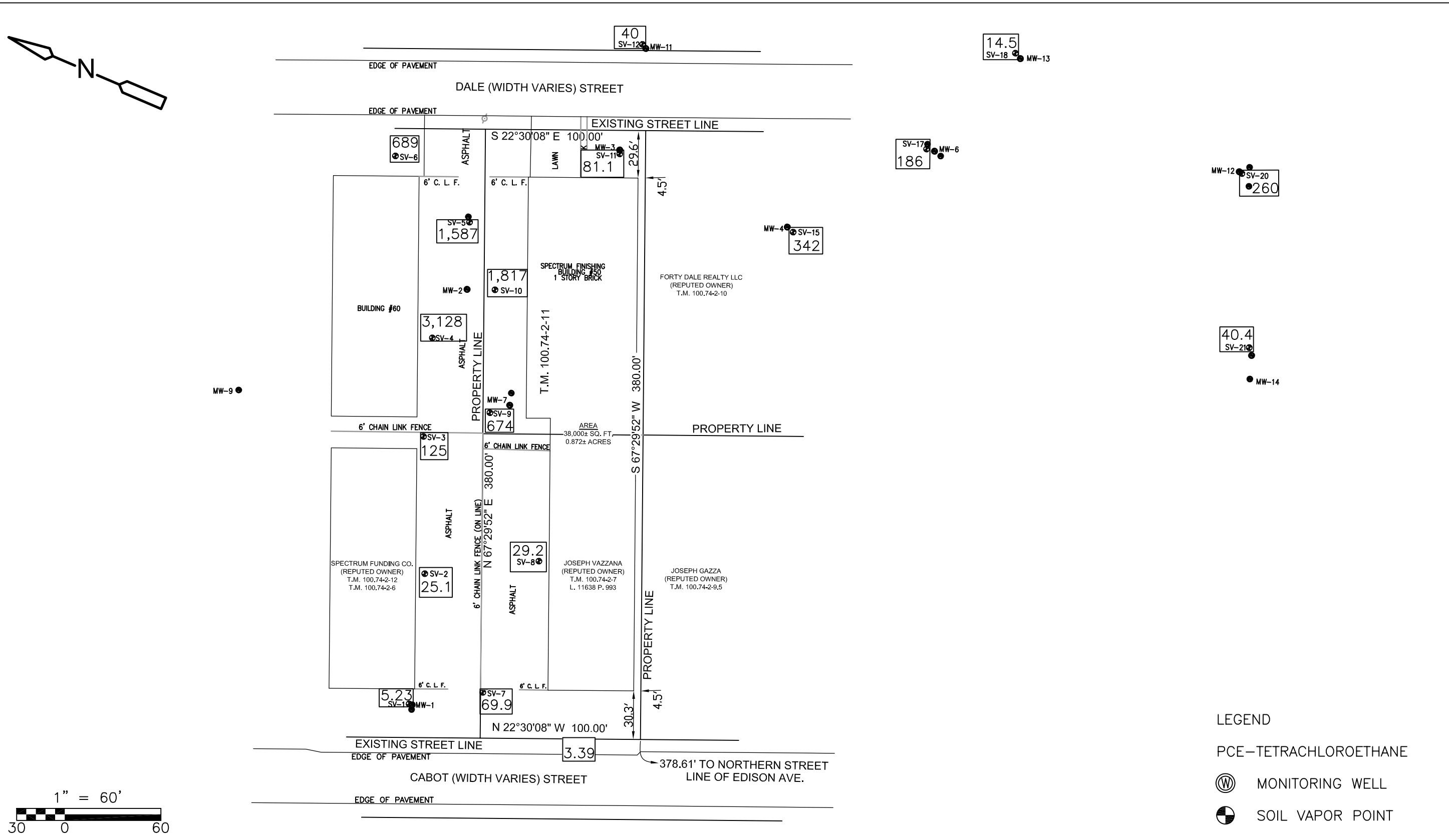
FIGURE 4
VOL CONCENTRATIONS IN SHALLOW GROUNDWATER ABOVE AMBIENT WATER QUALITY STANDARDS (ug/L)



SPECTRUM FINISHING CORPORATION
50 DALE STREET
WEST BABYLON, NY
SITE NO. 1-52-029

CDM

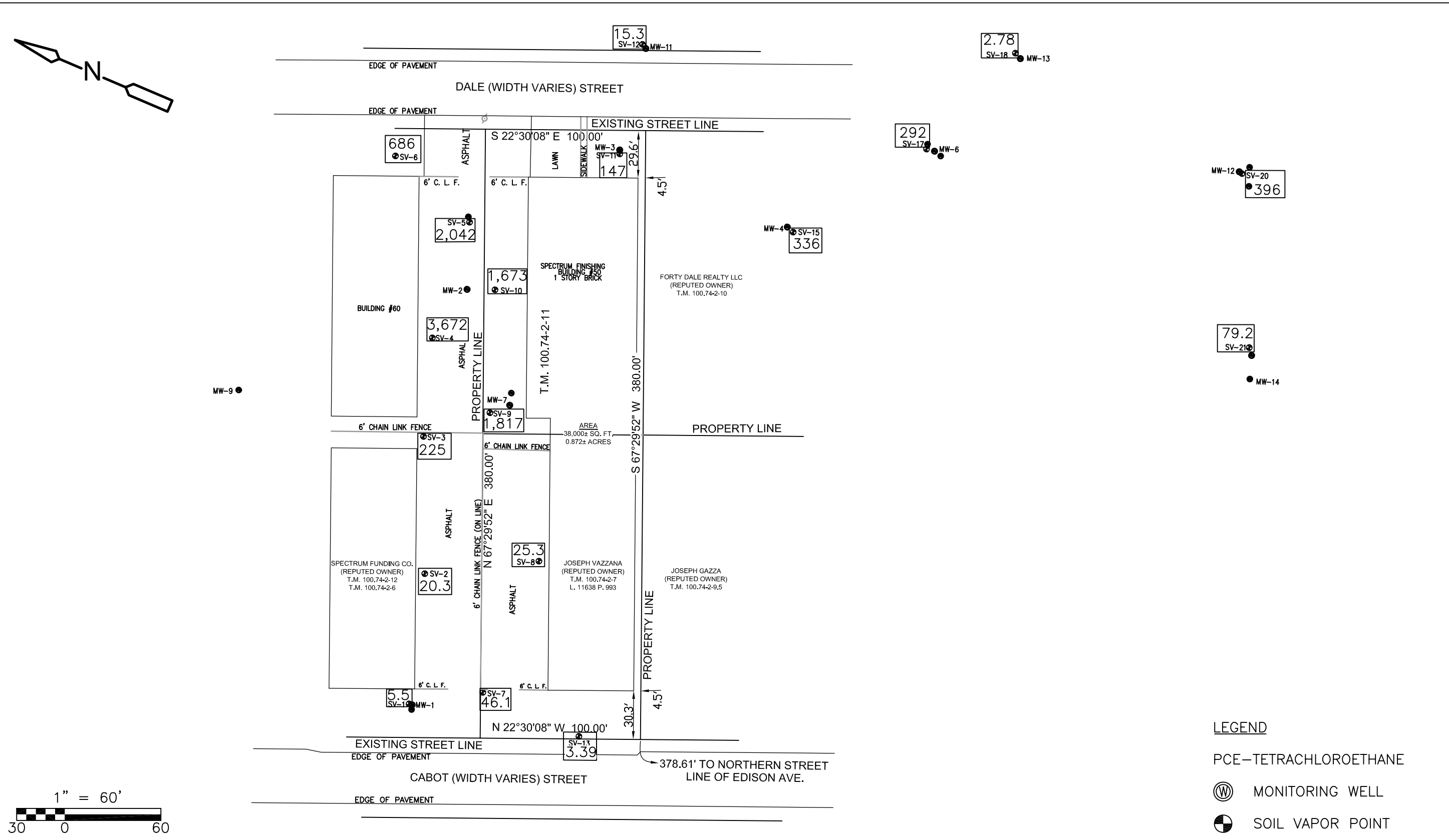
FIGURE 5
METAL EXCEDANCES FOR AMBIENT WATER QUALITY STANDARDS OR GUIDANCE VALUES (ug/L)



SPECTRUM FINISHING CORPORATION
50 DALE STREET
WEST BABYLON, NY
SITE NO. 1-52-029

CDM

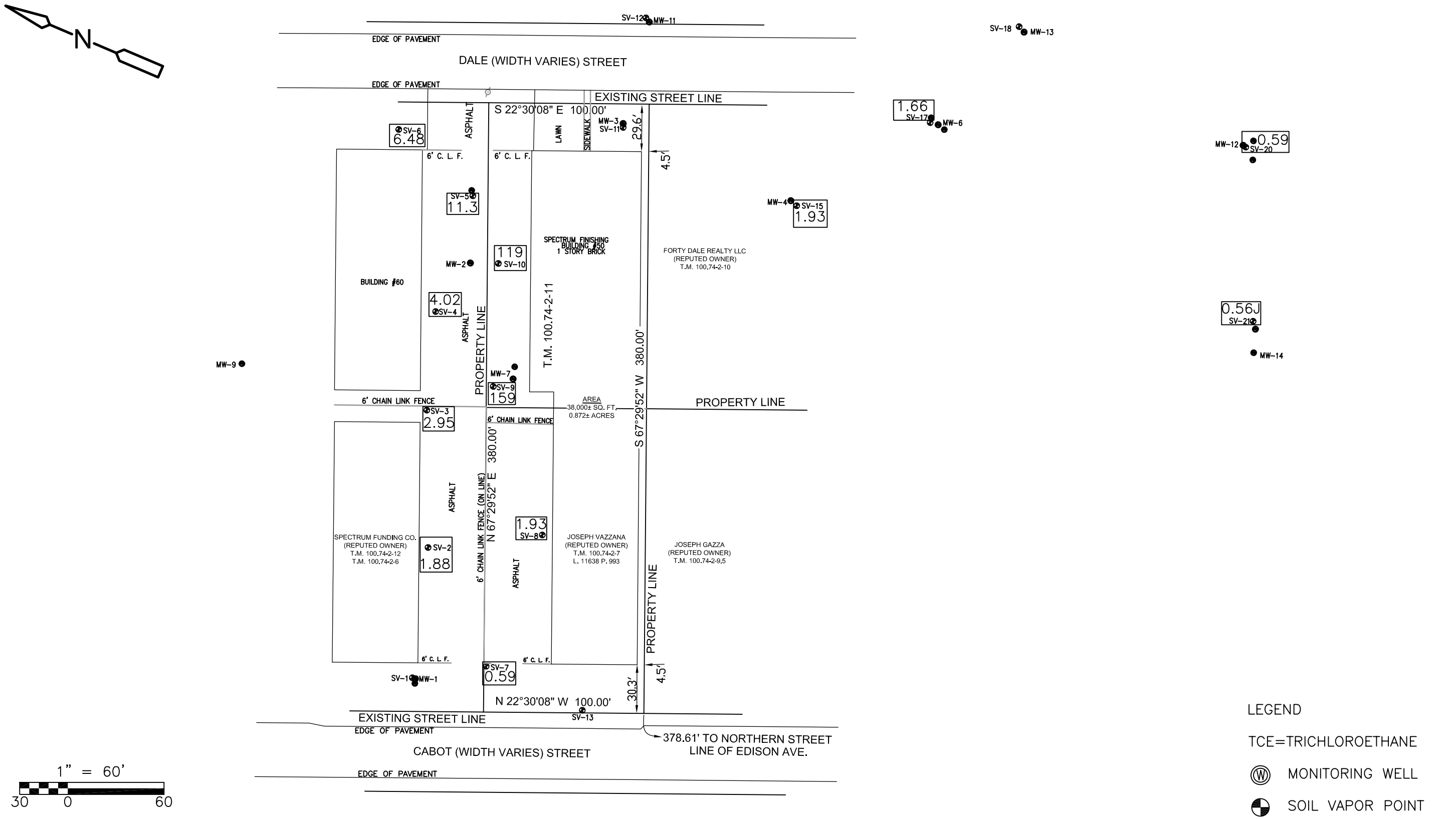
FIGURE 6
PCE CONCENTRATIONS IN SHALLOW (6 FEET) SOIL VAPOR SAMPLES (ug/M^3)



SPECTRUM FINISHING CORPORATION
50 DALE STREET
WEST BABYLON, NY
SITE NO. 1-52-029

CDM

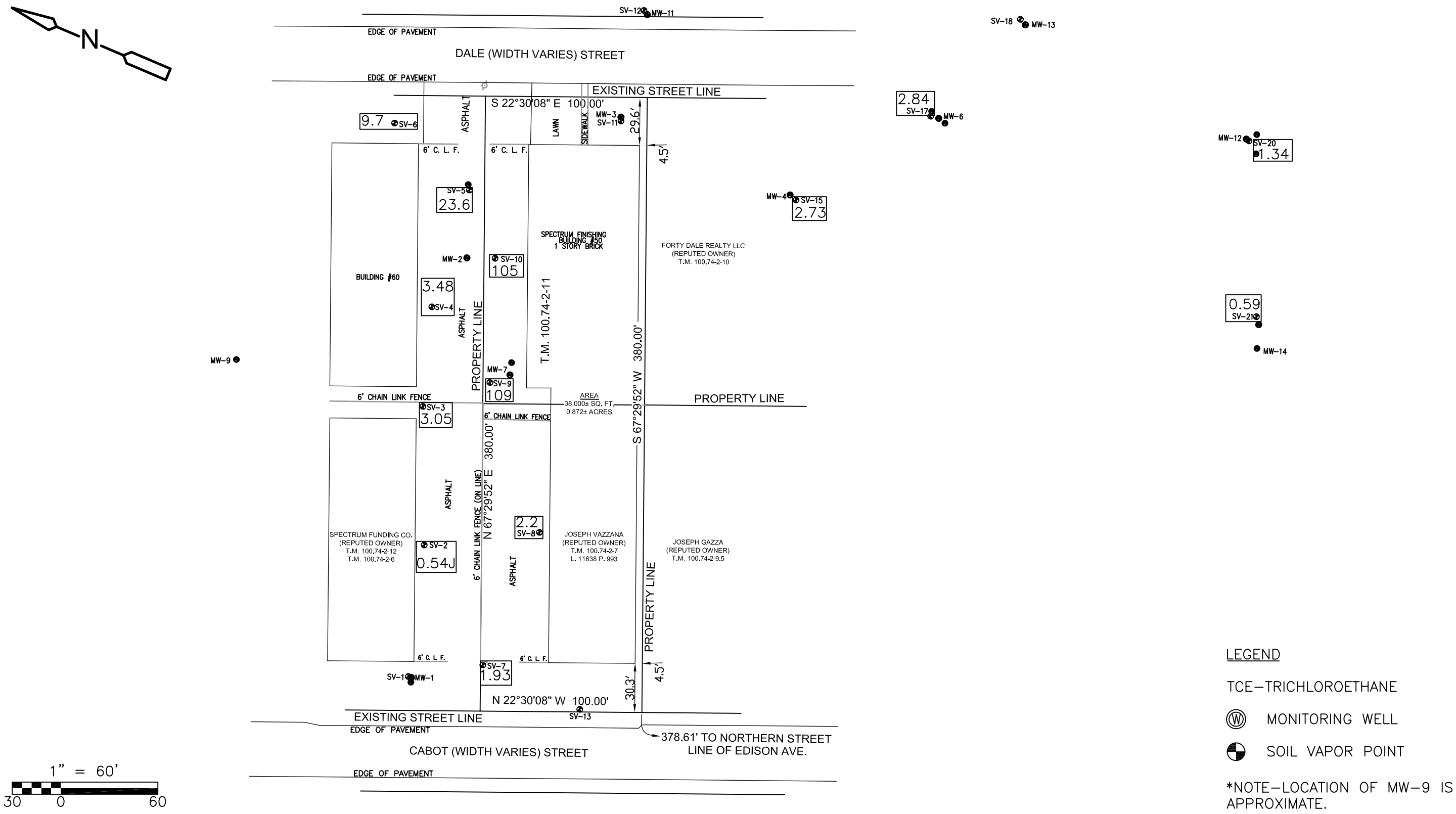
FIGURE 7
PCE CONCENTRATION IN DEEP (12 FEET) SOIL VAPOR SAMPLES (Mg/M^3)



SPECTRUM FINISHING CORPORATION
50 DALE STREET
WEST BABYLON, NY
SITE NO. 1-52-029

CDM

FIGURE 8
TCE CONCENTRATIONS IN SHALLOW (6 FEET) SOIL VAPOR SAMPLES (ug/M³)



LEGEND

TCE–TRICHLOROETHANE

(W) MONITORING WELL

SOIL VAPOR POINT

*NOTE–LOCATION OF MW–9 IS APPROXIMATE.

SPECTRUM FINISHING CORPORATION
50 DALE STREET
WEST BABYLON, NY
SITE NO. 1-52-029

CDM

FIGURE 9
TCE CONCENTRATIONS IN DEEP (12 FEET) SOIL VAPOR SAMPLES (ug/M^3)

Sample location SV-9 near MW-7 in Spectrum parking lot

Sample location SV-4 near auto body shop in alley

Sample points SV-10 in Spectrum parking lot

Installation of SV-12 across Dale Street from Spectrum

Sample location SV-12 near MW-11

Sample location SV-15 near MW-4

Sample point SV-18 near MW-13

Sample location SV-21 near MW-14 on Edison Avenue

Sample location SV-13 on Cabot St. in front of Unique Door Gallery

Sample location SV-17 near MW-6 - Entrance to Unique Door Parking Lot

Sample location SV-17 near MW-6

Sample location SV-20 near MW-12 at corner of Edison and Dale

Sample location SV-1 near MW-1 and Capital Signs

Sample SV-3 at Capital Signs and Auto Body Shop fence line

Sample location SV-2 in Capital Signs parking area

Sample location SV-8 in Unique Door parking area

Sample location SV-6 in front of Auto Body Shop on Dale St.

Sample location SV-11 in front of Spectrum on Dale St.

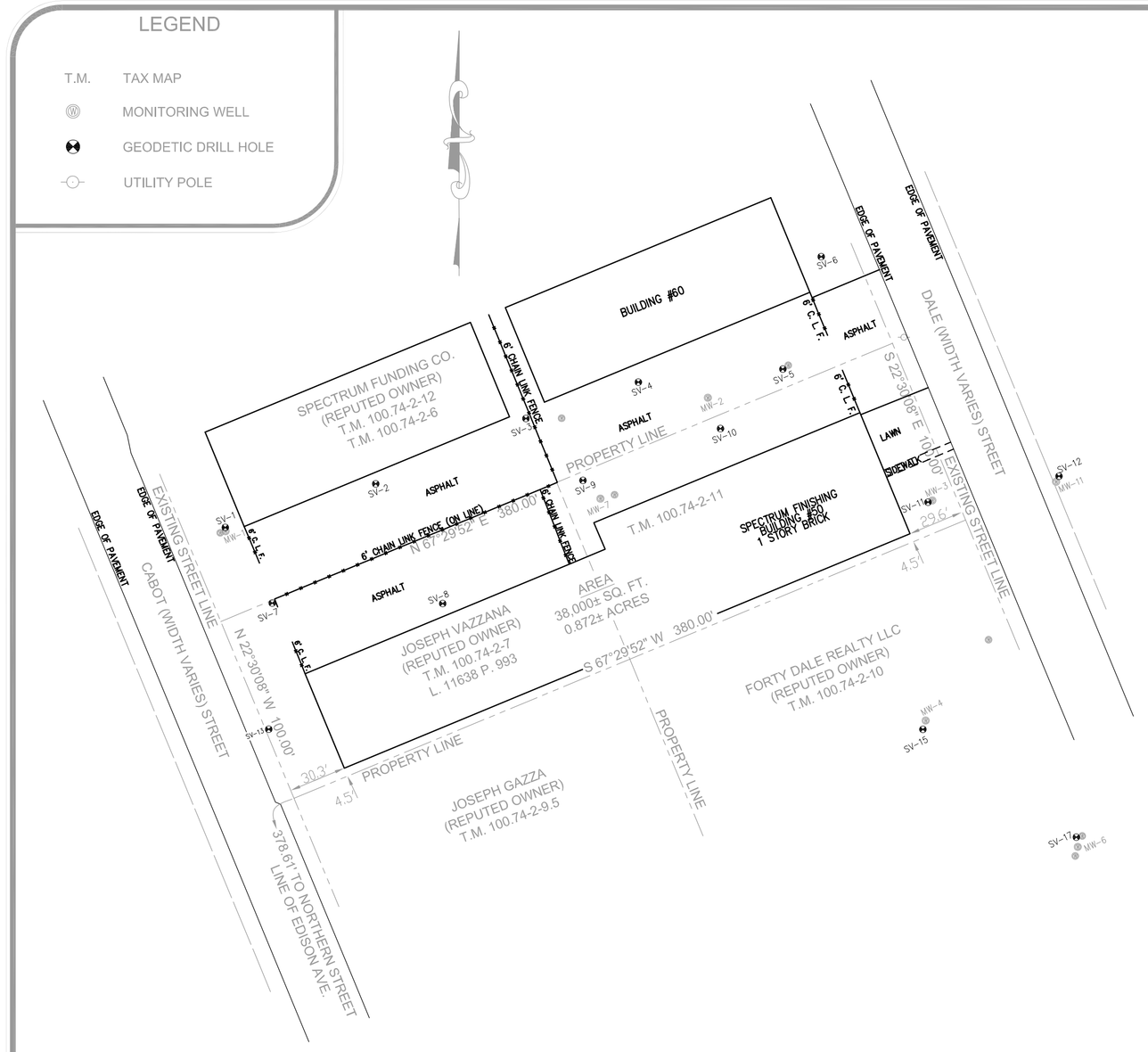
LEGEND

T.M. TAX MAP

MONITORING WELL

GEODETIC DRILL HOLE

UTILITY POLE



SITE LOCATION MAP

* NOT TO SCALE

50 0 25 50 75 100

SCALE: 1 INCH = 50 FEET

SAMPLE TABLE

SAMPLE ID	UTM - ZONE 18 NORTHING	UTM - ZONE 18 EASTING	GROUND ELEV.	CASING ELEV.	RISER ELEV.
MW-1	14796957.98	2086028.26	63.50	63.50	1S=63.29 1D=63.22
MW-2	14797027.70	2086280.35	63.41	63.41	62.67
MW-3	14796974.04	2086397.66	63.38	63.38	east=62.85 west=62.79
MW-4	14796859.04	2086394.20	62.18	62.18	4s=61.95 4d=62.06
MW-6	14796793.01	2086473.69	61.80	61.80	61.35
MW-7	14796975.00	2086224.19	63.29	63.29	62.89
MW-11	14796983.81	2086462.34	63.13	63.13	62.54
MW-12	14796612.99	2086536.15	62.33	62.33	61.97
MW-13	14796766.27	2086547.80	62.17	62.17	61.43
MW-14	14796561.11	2086433.63	61.83	61.83	61.46
SV-1	14796959.94	2086028.12	63.34	N/A	N/A
SV-2	14796982.71	2086106.75	63.07	N/A	N/A
SV-3	14797016.86	2086185.26	63.44	N/A	N/A
SV-4	14797035.86	2086244.04	63.58	N/A	N/A
SV-5	14797042.69	2086319.53	63.48	N/A	N/A
SV-6	14797101.42	2086339.59	63.96	N/A	N/A
SV-7	14796920.40	2086052.68	62.78	N/A	N/A
SV-8	14796920.17	2086141.76	63.25	N/A	N/A
SV-9	14796984.52	2086215.06	63.30	N/A	N/A
SV-10	14797011.59	2086286.95	63.53	N/A	N/A
SV-11	14796973.13	2086395.40	63.45	N/A	N/A
SV-12	14796986.72	2086463.88	63.18	N/A	N/A
SV-13	14796854.51	2086050.84	62.65	N/A	N/A
SV-15	14796854.42	2086392.73	62.28	N/A	N/A
SV-17	14796798.09	2086472.96	61.82	N/A	N/A
SV-18	14796770.46	2086549.73	62.41	N/A	N/A
SV-20	14796611.03	2086535.76	62.36	N/A	N/A
SV-21	14796564.34	2086437.59	61.76	N/A	N/A

SURVEY NOTES

1) HORIZONTAL LOCATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN DATUM 1988 / 1996 (NAD 83/96) - UTM ZONE 18, (US SURVEY FEET)
2) VERTICAL LOCATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88). (US SURVEY FEET)
3) DISTANCES SHOWN ARE GROUND DISTANCES, BEARINGS SHOWN ARE GRID BEARINGS.

REFERENCES

1) MAP ENTITLED "CITY OF BRESLAN, SUFFOLK CO. N.Y., COMPRIMISING SHEET 9," SURVEYED BY R.B. WHEELER, DATED OCTOBER 1880, FILED AS FILE NO. 330, DATED APRIL 22, 1881.
2) DEED, FILED IN LIBER 8807, PAGE 482.
3) DEED, FILED IN LIBER 11638, PAGE 993.
4) DEED, FILED IN LIBER 12184, PAGE 124.

CERTIFICATION

WE, OM P. POPLI, P.E., L.S., P.C., HEREBY CERTIFY THAT THIS MAP WAS PREPARED UNDER THE DIRECTION OF A NEW YORK STATE LICENSED LAND SURVEYOR FROM AN INSTRUMENT SURVEY COMPLETED ON MAY 02, 2007 AND FROM THE REFERENCES LISTED HEREON.

BOUNDARY MAP

PREPARED FOR:
CAMP DRESSER & MCKEE
15 BRITISH AMERICAN BLVD.
LATHAM, NY 12110

SITE:
SPECTRUM FINISHING
50 DALE STREET
TOWN OF BABYLON
COUNTY OF SUFFOLK

SURVEY BY:

POPLi
CONSULTING ENGINEERS
& SURVEYORS

DATE:	SCALE:	DRAWN BY:	DRAWING NO:	
06/07	1" = 50'	JFP	3277.01	MICHAEL A. VENTURO, L.S. P.L.S. LICENSE NO. 50079

Data Validation Groundwater Summary Table
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID		152059-GW-MW3S			152059-GW-MW13ST			152059-GW-MW4S			152059-GW-MW41S			152059-GW-MW6S			152059-GW-MW12S			152059-GW-MW14S			152059-GW-MW1S			152059-GW-MW11S			152059-GW-MW2			152059-GW-MW7S
Lab Sample Number		Y2464-01			Y2464-02			Y2464-03			Y2464-04			Y2464-05			Y2464-06			Y2464-07			Y2464-08			Y2464-11			Y2464-12			Y2464-13
Sampling Date		04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07
Matrix		WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER
Dilution Factor		1.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0
Units		ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L
COMPOUND	CAS #		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab
Mercury	7439-97-6	0.11	U		0.34			0.11	U		0.11	U		0.11	U		0.11	U		0.12	J		0.12	J		0.11	U		0.11	U		0.11	U
Aluminum	7429-90-5	2920			16800			943			650			141			146			69.6			2830			272			225			57.9	
Antimony	7440-36-0	9.940	J		3.100	U		3.100	U		3.100	U		3.100	U		3.100	U		3.100	U		3.100	U		5.670	J		3.100	U		3.100	U
Arsenic	7440-38-2	4.910	J		18.5			3.100	U		5.170	J		5.420	J		3.990	J		5.610	J		4.270	J		7.980	J		4.910	J		5.980	J
Barium	7440-39-3	46.3	J		121			70.3			59.8			42.5	J		62.5			53.3			52.7			84.1			33.4	J		50.1	
Beryllium	7440-41-7	0.270	J		1.440	J		0.230	J		0.210	J		0.120	J		0.210	J		0.190	J		0.430	J		0.430	J		0.290	J		0.130	J
Cadmium	7440-43-9	12.4			5.320			1270			1140			311			381			63.8			22.9			2.400	J		4.610			4.080	
Calcium	7440-70-2	18600			55300			19500			16800			14800			19900			21300			42700			19500			14800			29100	
Chromium	7440-47-3	63.2			91.4			14.4			9.480			186			9.760			2.490	J		5.710			5.710			5.860			17.4	
Cobalt	7440-48-4	1.630	J		18.4			3.400	J		3.350	J		2.030	J		3.890	J		1.300	U		2.890	J		2.290	J		1.710	J		1.300	U
Copper	7440-50-8	125			36.0			536			454			9.830	J		17.6			5.480	J		118			7.060	J		35.0			13.0	
Iron	7439-89-6	2760			23100			774			292			201			121			126			1240			371			666			341	
Lead	7439-92-1	21.7			12.9			13.2			6.570			1.900	U		1.900	U		1.900	U		27.8			2.390	J		55.2			2.290	J
Magnesium	7439-95-4	3600			9820			3960			3340			2890			3980			4320			4490			3480			2980			3560	
Manganese	7439-96-5	105			1740			228			196			56.4			122			16.2			190			52.0			142			4.030	J
Nickel	7440-02-0	16.0	J		75.2			292			263			199			431			11.4	J		12.4	J		6.960	J		6.370	J		5.410	J
Potassium	7440-09-7	1990			7950			3250			2810			2100			2740			3140			7230			2610			2110			2140	
Selenium	7782-49-2	4.100	J		2.680	J		3.000	J		2.100	U		3.160	J		3.180	J		3.610	J		5.610	J		3.300	J		5.380	J		3.970	J
Silver	7440-22-4	2.140	J		1.680	J		1.340	J		1.930	J		0.730	J		1.830	J		1.790	J		1.160	J		3.390	J		2.050	J		1.150	J
Sodium	7440-23-5	8090			58300			13500			11900			13500			15800			14200			20900			11300			9260			7920	
Thallium	7440-28-0	7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U
Vanadium	7440-62-2	3.030	J		23.2			2.270	J		1.350	J		1.000	U		1.510	J		1.000	U		1.000	U		2.140	J		1.000	J		1.460	J
Zinc	7440-66-6	950			117			203			177			77.8			181			46.4			198			53.4			95.2			54.2	

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

Data Validation Groundwater Summary Table - VOCs
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID		MW3S			MW13ST			MW4S			MW41S			MW6S			MW6SDL			MW12S			MW14S			MW1S			MW11S			MW2			MW7S			TB1	
Lab Sample Number		Y2464-01			Y2464-02			Y2464-03			Y2464-04			Y2464-05			Y2464-05DL			Y2464-06			Y2464-07			Y2464-08			Y2464-11			Y2464-12			Y2464-13			Y2464-14	
Sampling Date		04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07	
Matrix		WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER	
Dilution Factor		1.0			1.0			1.0			1.0			1.0			4.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0	
Units		ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L	
COMPOUND	CAS #		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab
Dichlorodifluoromethane	75-71-8	0.17	U		0.17	U		0.17	U		0.17	U		**0.17**	**U**		0.68	U	R	0.17	U		0.17	U		0.17	U		0.17	U		0.17	U		0.17	U		0.17	U
Chloromethane	74-87-3	0.34	U		0.34	U		0.34	U		0.34	U		**0.34**	**U**		1.4	U	R	0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U
Vinyl Chloride	75-01-4	0.33	U		0.33	U		0.33	U		0.33	U		**0.33**	**U**		1.3	U	R	0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U
Bromomethane	74-83-9	0.41	U		0.41	U		0.41	U		0.41	U		**0.41**	**U**		1.6	U	R	0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U
Chloroethane	75-00-3	0.83	U		0.83	U		0.83	U		0.83	U		**0.83**	**U**		3.3	U	R	0.83	U		0.83	U		0.83	U		0.83	U		0.83	U		0.83	U		0.83	U
Trichlorofluoromethane	75-69-4	0.22	U		0.22	U		0.22	U		0.22	U		**0.22**	**U**		0.88	U	R	0.22	U		0.22	U		0.22	U		0.22	U		0.22	U		0.22	U		0.22	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U	J	**1.3**	**U**	J	5.2	U	R	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U
1,1-Dichloroethene	75-35-4	0.42	U		0.42	U		0.42	U		0.42	U		**0.42**	**U**		1.7	U	R	0.42	U		0.42	U		0.42	U		0.42	U		0.42	U		0.42	U		0.42	U
Acetone	67-64-1	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U	J	**2.3**	**U**	J	9.0	U	R	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U
Carbon Disulfide	75-15-0	0.40	U		0.40	U		0.40	U		0.40	U		**0.40**	**U**		1.6	U	R	0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U
Methyl tert-butyl Ether	1634-04-4	0.28	U		0.28	U		0.28	U		0.28	U		**0.28**	**U**		1.1	U	R	0.28	U		0.28	U		0.28	U		0.28	U		0.28	U		0.28	U		0.28	U
Methyl Acetate	79-20-9	0.20	U		0.20	U		0.20	U		0.20	U		**0.20**	**U**		0.81	U	R	0.20	U		0.20	U		0.20	U		0.20	U		0.20	U		0.20	U		0.20	U
Methylene Chloride	75-09-2	0.43	U		0.43	U		0.43	U		0.43	U		**0.43**	**U**		1.7	U	R	0.43	U		0.43	U		0.43	U		0.43	U		0.43	U		0.43	U		0.43	U
trans-1,2-Dichloroethene	156-60-5	0.40	U		0.40	U		0.40	U		0.40	U		**0.40**	**U**		1.6	U	R	0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U
1,1-Dichloroethane	75-34-3	0.38	U		0.38	U		0.38	U		0.38	U		**0.38**	**U**		1.5	U	R	0.38	U		0.38	U		0.38	U		0.38	U		0.38	U		0.38	U		0.38	U
Cyclohexane	110-82-7	0.36	U		0.36	U		0.36	U		0.36	U		**0.36**	**U**		1.5	U	R	0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U
2-Butanone	78-93-3	1.1	U		1.1	U		1.1	U		1.1	U		**1.1**	**U**		4.6	U	R	1.1	U		1.1	U		1.1	U		1.1	U		1.1	U		1.1	U		1.1	U
Carbon Tetrachloride	56-23-5	1.1	U		1.1	U		1.1	U		1.1	U		**1.1**	**U**		4.5	U	R	1.1	U		1.1	U		1.1	U		1.1	U		1.1	U		1.1	U		1.1	U
cis-1,2-Dichloroethene	156-59-2	0.29	U		0.29	U		0.29	U		0.29	U		**0.29**	**U**		1.2	U	R	0.29	U		0.29	U		0.29	U		0.29	U		0.29	U		0.29	U		0.29	U
Chloroform	67-66-3	0.33	U		0.33	U		0.33	U		0.33	U		**0.33**	**U**		1.3	U	R	0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U
1,1,1-Trichloroethane	71-55-6	0.32	U		0.32	U		0.32	U		0.32	U		**0.32**	**U**		1.3	U	R	0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U
Methylcyclohexane	108-87-2	0.34	U		0.34	U		0.34	U		0.34	U		**0.34**	**U**		1.4	U	R	0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U
Benzene	71-43-2	0.39	U		0.39	U		0.39	U		0.39	U		**0.39**	**U**		1.5	U	R	0.39	U		0.39	U		0.39	U		0.39	U		0.39	U		0.39	U		0.39	U
1,2-Dichloroethane	107-06-2	0.34	U		0.34	U		0.34	U		0.34	U		**0.34**	**U**		1.4	U	R	0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U
Trichloroethene	79-01-6	1.7	J		0.46	U		0.46	U		0.46	U		**1.0**	**J**		1.8	U	R	0.46	U		0.46	U		0.46	U		0.46	U		0.46	U		0.46	U		0.46	U
1,2-Dichloropropane	78-87-5	0.40	U		0.40	U		0.40	U		0.40	U		**0.40**	**U**		1.6	U	R	0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U
Bromodichloromethane	75-27-4	0.33	U		0.33	U		0.33	U		0.33	U		**0.33**	**U**		1.3	U	R	0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U
4-Methyl-2-Pentanone	108-10-1	1.6	U		1.6	U		1.6	U		1.6	U		**1.6**	**U**		6.5	U	R	1.6	U		1.6	U		1.6	U		1.6	U		1.6	U		1.6	U		1.6	U
Toluene	108-88-3	0.36	U		0.36	U		0.36	U		0.36	U		**0.36**	**U**		1.5	U	R	0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U
t-1,3-Dichloropropene	10061-02-6	0.32	U		0.32	U		0.32	U		0.32	U		**0.32**	**U**		1.3	U	R	0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U
cis-1,3-Dichloropropene	10061-01-5	0.36	U		0.36	U		0.36	U		0.36	U		**0.36**	**U**		1.4	U	R	0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U
1,1,2-Trichloroethane	79-00-5	0.41	U		0.41	U		0.41	U		0.41	U		**0.41**	**U**		1.6	U	R	0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U
2-Hexanone	591-78-6	1.7	U		1.7	U		1.7	U		1.7	U		**1.7**	**U**		6.7	U	R	1.7	U		1.7	U		1.7	U		1.7	U		1.7	U		1.7	U		1.7	U
Dibromochloromethane	124-48-1	0.26	U		0.26	U		0.26	U		0.26	U		**0.26**	**U**		1.1	U	R	0.26	U		0.26	U		0.26	U		0.26	U		0.26	U		0.26	U		0.26	U
1,2-Dibromoethane	106-93-4	0.32	U		0.32	U		0.32	U		0.32	U		**0.32**	**U**		1.3	U	R	0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U
Tetrachloroethene	127-18-4	16			0.48	U		30			28			140	E	R	**94**	**D**		9.4			0.48	U		0.48	U		3.3	J		12			1.0	J		0.48	U
Chlorobenzene	108-90-7	0.47	U		0.47	U		0.47	U		0.47	U		**0.47**	**U**		1.9	U	R	0.47	U		0.47	U		0.47	U		0.47	U		0.47	U		0.47	U		0.47	U
Ethyl Benzene	100-41-4	0.45	U		0.45	U		0.45	U		0.45	U		**0.45**	**U**		1.8	U	R	0.45	U		0.45	U		0.45	U		0.45	U		0.45	U		0.45	U		0.45	U
m/p-Xylenes	126777-61-2	1.2	U		1.2	U		1.2	U		1.2	U		**1.2**	**U**		4.7	U	R	1.2	U		1.2	U		1.2	U		1.2	U		1.2	U		1.2	U		1.2	U
o-Xylene	95-47-6	0.46	U		0.46	U		0.46	U		0.46	U		**0.46**	**U**		1.8	U	R	0.46	U		0.46	U		0.46	U		0.46	U		0.46	U		0.46	U		0.46	U
Styrene	100-42-5	0.41	U		0.41	U		0.41	U		0.41	U		**0.41**	**U**		1.6	U	R	0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U
Bromoform	75-25-2	0.32	U		0.32	U		0.32	U		0.32	U		**0.32**	**U**		1.3	U	R	0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U
Isopropylbenzene	98-82-8	0.44	U		0.44	U		0.44	U		0.44	U		**0.44**	**U**	J	1.8	U	R	0.44	U		0.44	U		0.44	U		0.44	U		0.44	U		0.44	U		0.44	U
1,1,2,2-Tetrachloroethane	79-34-5	0.30	U		0.30	U		0.30	U		0.30	U		**0.30**	**U**	J	1.2	U	R	0.30	U		0.30	U		0.30	U		0.30	U		0.30	U		0.30	U		0.30	U
1,3-Dichlorobenzene	541-73-1	0.50	U		0.50	U		0.50	U		0.50	U		**0.50**	**U**	J	2.0	U	R	0.50	U		0.50	U		0.50	U		0.50	U		0.50	U		0.50	U		0.50	U
1,4-Dichlorobenzene	106-46-7	0.54	U		0.54	U		0.54	U		0.54	U		**0.54**	**U**	J	2.1	U	R	0.54	U		0.54	U		0.54	U		0.54	U		0.54	U		0.54	U		0.54	U
1,2-Dichlorobenzene	95-50-1	0.44	U		0.44	U		0.44	U		0.44	U		**0.44**	**U**	J	1.7	U	R	0.44	U		0.44	U		0.44	U		0.44	U		0.44	U		0.44	U		0.44	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.38	U		0.38	U		0.38	U		0.38	U		**0.38**	**U**	J	1.5	U	R	0.38	U		0.38	U		0.38	U		0.38	U		0.38	U		0.38	U		0.38	U
1,2,4-Trichlorobenzene	120-82-1	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U	J	**0.46**	**U**	J	1.8	U	R	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U
Total Confident Conc. VOC		17.7			0			30			28			141			94			9.4			0			0			3.3			12			1			0	
Total TICs		0			0			0			0			0			0			0			0			0			0			0			0			0	

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

Data Validation Soil Vapor Summary Table 1
Spectrum Finishing Corporation - Site No. 152059
Bablyon, New York

Sample ID		152059-SV-SV17S			152059-SV-SV17SDL			152059-SV-SV17D			152059-SV-SV17DDL			152059-SV-SV171S			152059-SV-SV171SDL			152059-SV-SV21S			152059-SV-SV21D			152059-OA-AA2	
Lab Sample Number		Y2495-01			Y2495-01DL			Y2495-02			Y2495-02DL			Y2495-03			Y2495-03DL			Y2495-04			Y2495-05			Y2495-06	
Sampling Date		04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07	
Matrix		AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR	
Dilution Factor		1.0			20.0			1.0			20.0			1.0			20.0			1.0			1.0			1.0	
Units		ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3	
COMPOUND	CAS #		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab
Dichlorodifluoromethane	75-71-8	**3.61**			3.56	U		**3.71**			3.56	U		**3.22**			3.56	U		3.12			3.12			2.92	
Chloromethane	74-87-3	**0.07**	**U**		1.47	U		**0.07**	**U**		1.47	U		**0.07**	**U**		1.47	U		0.07	U		0.07	U		1.29	
Vinyl Chloride	75-01-4	**0.08**	**U**		1.53	U		**0.08**	**U**		1.53	U		**0.08**	**U**		1.53	U		0.08	U		0.08	U		0.08	U
Bromomethane	74-83-9	**0.13**	**U**		2.64	U		**0.13**	**U**		2.64	U		**0.13**	**U**		2.64	U		0.13	U		0.13	U		0.13	U
Chloroethane	75-00-3	**0.1**	**U**		2.02	U		**0.1**	**U**		2.02	U		**0.1**	**U**		2.02	U		0.1	U		0.1	U		0.1	U
Trichlorofluoromethane	75-69-4	**5.27**		J	3.14	U		**5.49**		**J**	3.14	U		**4.43**		J	3.14	U		4.43		J	4.37		J	1.74	
Isopropyl Alcohol	67-63-0	**3.56**		J	0.59	U		**0.03**	**U**	**J**	0.59	U		**0.03**	**U**	J	0.59	U		0.03	U	J	0.03	U	J	0.03	U
Dichlorotetrafluoroethane	76-14-2	**0.22**	**U**		4.34	U		**0.22**	**U**		4.34	U		**0.22**	**U**		4.34	U		0.22	U		0.22	U		0.22	U
1,1,2-Trichlorotrifluoroethane	76-13-1	**0.92**			3.82	U		**0.19**	**U**		3.82	U		**0.92**			3.82	U		1.07			1.22			0.76	J
Bromoethene	593-60-2	**0.11**	**U**		2.28	U		**0.11**	**U**		2.28	U		**0.11**	**U**		2.28	U		0.11	U		0.11	U		0.11	U
Propene	115-07-1	**27.9**			30.6	D		46.7	E		**52.6**	**D**		**23.1**			32	D		13.2			18.2			0.89	
Heptane	142-82-5	**7.2**			3.27	U		**5.6**			3.27	U		**5.11**			3.27	U		17.2			1.64			0.53	
1,1-Dichloroethene	75-35-4	**0.12**	**U**		2.46	U		**0.12**	**U**		2.46	U		**0.12**	**U**		2.46	U		0.12	U		0.12	U		0.12	U
Ethyl Acetate	141-78-6	**0.08**	**U**		1.58	U		**0.08**	**U**		1.58	U		**0.08**	**U**		1.58	U		0.08	U		0.08	U		0.08	U
Acetone	67-64-1	70.2	E		**42.2**	**D**		54.6	E		**51.2**	**D**		74.8	E		**78.3**	**D**		31.2			29.1			23.4	
Carbon Disulfide	75-15-0	**1.34**			1.49	U		**1.87**			1.49	U		**0.07**	**U**		1.49	U		1.24			0.71			0.07	U
Methyl tert-Butyl Ether	1634-04-4	**0.09**	**U**		1.73	U		**0.09**	**U**		1.73	U		**0.09**	**U**		1.73	U		0.61			0.09	U		0.09	U
Methylene Chloride	75-09-2	**4.76**			1.04	U		**4.42**			1.04	U		**2.92**			1.04	U		1.81			2.4			26.8	
Allyl Chloride	107-05-1	**0.08**	**U**		1.51	U		**0.08**	**U**		1.51	U		**0.08**	**U**		1.51	U		0.08	U		0.08	U		0.08	U
trans-1,2-Dichloroethene	156-60-5	**0.13**	**U**		2.7	U		**0.13**	**U**		2.7	U		**0.13**	**U**		2.7	U		0.13	U		0.13	U		0.13	U
Vinyl Acetate	108-05-4	**0.14**	**U**		2.81	U		**0.14**	**U**		2.81	U		**0.14**	**U**		2.81	U		0.14	U		0.14	U		0.14	U
1,1-Dichloroethane	75-34-3	**0.14**	**U**		2.75	U		**0.14**	**U**		2.75	U		**0.14**	**U**		2.75	U		0.14	U		0.14	U		0.14	U
Cyclohexane	110-82-7	**9.99**			11.4	JD		**1.78**			2.08	U		**6.91**			2.08	U		0.1	U		0.1	U		0.1	U
2-Butanone	78-93-3	**10.1**			2.77	U		**12.7**			2.77	U		**7.69**			2.77	U		13.8			5.62			1.8	
Carbon Tetrachloride	56-23-5	**0.19**	**U**		3.78	U		**0.19**	**U**		3.78	U		**0.19**	**U**		3.78	U		0.19	U		0.19	U		0.63	J
cis-1,2-Dichloroethene	156-59-2	**0.13**	**U**		2.7	U		**0.13**	**U**		2.7	U		**0.13**	**U**		2.7	U		0.13	U		0.13	U		0.13	U
Chloroform	67-66-3	**1.31**		J	2.34	U		**1.02**		J	2.34	U		**1.02**		J	2.34	U		0.83		J	0.83		J	0.12	U
1,4-Dioxane	123-91-1	**0.19**	**U**		3.96	U		**0.19**	**U**		3.96	U		**0.19**	**U**		3.96	U		0.19	U		0.19	U		0.19	U
1,1,1-Trichloroethane	71-55-6	**10.3**		J	10.9	JD		**12.3**		J	12	D		**7.23**		J	2.39	U		40.5		J	78.9		J	0.12	U
Tetrahydrofuran	109-99-9	**1.94**			3.53	U		**0.17**	**U**		3.53	U		**1.41**			3.53	U		0.62			0.17	U		0.17	U
2,2,4-Trimethylpentane	540-84-1	**7.18**			2.89	U		**9.74**			9.33	JD		**5.04**			2.89	U		11.3			0.14	U		0.47	J
Benzene	71-43-2	**5.42**			1.6	U		**5.9**			1.6	U		**4.21**			1.6	U		5.9			2.58			0.54	
1,2-Dichloroethane	107-06-2	**0.12**	**U**		2.43	U		**0.12**	**U**		2.43	U		**0.12**	**U**		2.43	U		0.12	U		0.12	U		0.12	U
Trichloroethene	79-01-6	**1.66**			3.86	U		**2.84**			3.86	U		**1.02**			3.86	U		0.54	J		0.59			0.19	U
1,2-Dichloropropane	78-87-5	**0.23**	**U**		4.53	U		**0.23**	**U**		4.53	U		**0.23**	**U**		4.53	U		0.23	U		0.23	U		0.23	U
Bromodichloromethane	75-27-4	**0.27**	**U**		5.37	U		**0.27**	**U**		5.37	U		**0.27**	**U**		5.37	U		0.27	U		0.27	U		0.27	U
4-Methyl-2-Pentanone	108-10-1	**10.8**		J	2.13	U		**7.57**		J	2.13	U		**8.63**		J	2.13	U		3.68		J	0.11	U	J	0.11	U
Toluene	108-88-3	**27.3**			21.8	D		**37.2**			33.1	D		**17.1**			18.1	D		11.3			4.36			1.69	
t-1,3-Dichloropropene	10061-02-6	**0.11**	**U**		2.27	U		**0.11**	**U**		2.27	U		**0.11**	**U**		2.27	U		0.11	U		0.11	U		0.11	U
cis-1,3-Dichloropropene	10061-01-5	**0.14**	**U**		2.81	U		**0.14**	**U**		2.81	U		**0.14**	**U**		2.81	U		0.14	U		0.14	U		0.14	U
1,1,2-Trichloroethane	79-00-5	**0.29**	**U**		5.98	U		**0.29**	**U**		5.98	U		**0.29**	**U**		5.98	U		0.29	U		0.29	U		0.29	U
2-Hexanone	591-78-6	**0.09**	**U**	J	1.8	U		**0.09**	**U**	J	1.8	U		**0.09**	**U**	J	1.8	U		0.09	U	J	0.09	U	J	0.09	U
Dibromochloromethane	124-48-1	**0.32**	**U**		6.47	U		**0.32**	**U**		6.47	U		**0.32**	**U**		6.47	U		0.32	U		0.32	U		0.32	U
1,2-Dibromoethane	106-93-4	**0.26**	**U**		5.23	U		**0.26**	**U**		5.23	U		**0.26**	**U**		5.23	U		0.26	U		0.26	U		0.26	U
Tetrachloroethene	127-18-4	180	E		**186**	**D**		268	E		**292**	**D**		**116**			133	D		40.4			79.2			0.26	U
Chlorobenzene	108-90-7	**6.75**			6.01	U		**0.31**	**U**		6.01	U		**2.82**			6.01	U		0.31	U		0.31	U		0.31	U
Ethyl Benzene	100-41-4	**4.03**			3.12	U		**15.9**			13.9	D		**2.17**			3.12	U		4.51			0.78			0.16	U
m/p-Xylene	126777-61-2	**14.1**			5.64	U		**57.2**			47.7	D		**7.54**			5.64	U		11.7			1.6			0.87	J
o-Xylene	95-47-6	**6.85**			3.47	U		**30.2**			25.1	D		**3.6**			3.47	U		11.4			0.74			0.48	
Styrene	100-42-5	**2.72**		J	3.74	U		**1.74**		J	3.74	U		**1.87**		J	3.74	U		0.19	U		0.43	J	J	0.19	U
Bromoform	75-25-2	**0.25**	**U**		4.97	U		**0.25**	**U**		4.97	U		**0.25**	**U**		4.97	U		0.25	U		0.25	U		0.25	U
1,1,2,2-Tetrachloroethane	79-34-5	**0.45**	**U**		8.93	U		**0.62**	**J**		8.93	U		**0.45**	**U**		8.93	U		0.45	U		0.45	U		0.45	U
1,3,5-Trimethylbenzene	108-67-8	**4.71**			2.36	U		**38.3**			29.4	D		**2.45**			2.36	U		22.9			0.49	J		0.83	
1,2,4-Trimethylbenzene	95-63-6	**14**		J	10.8	D		**91.8**		J	69.7	D		**7.51**		J	9.82	JD		35.3		J	0.98		J	1.91	
4-Ethyltoluene	622-96-8	**3.78**			1.47	U		**21.7**			16.7	D		**1.96**			1.47	U		13.7			0.07	U		0.49	J
1,3-Dichlorobenzene	541-73-1	**1.38**		J	2.65	U		**0.13**	**U**		2.65	U		**1.26**		J	2.65	U		0.13	U		0.13	U		0.13	U
1,4-Dichlorobenzene	106-46-7	**0.96**		J	4.09	U		**0.2**	**U**		4.09	U		**0.66**		J	4.09	U		0.2	U		0.2	U		0.2	U
1,2-Dichlorobenzene	95-50-1	**0.25**	**U**		5.05	U		**0.25**	**U**		5.05	U		**0.25**	**U**		5.05	U		0.25	U		0.25	U		0.25	U
1,2,4-Trichlorobenzene	120-82-1	**1.92**		BU	6.96	U		**1.33**		BU	6.96	U		**0.89**		BU	6.96	U		0.35	U		0.35	U		0.35	U
Hexachloro-1,3-Butadiene	87-68-3	**1.28**			8.97	U		**0.45**	**U**		8.97	U		**0.45**	**U**		8.97	U		0.45	U		0.45	U		0.45	U
1,3-Butadiene	106-99-0	**0.09**	**U**		1.77	U		**0.09**	**U**		1.77	U		**0.09**	**U**		1.77	U		0.09	U		0.09	U		0.09	U
Hexane	110-54-3	**14.1**			14.8	D		**7.88**			2.53	U		**11.1**			14.1	JD		14.6			5.1			17.6	
Benzyl Chloride	100-44-7	**0.14**	**U**		2.88	U		**0.14**	**U**		2.88	U		**0.14**	**U**		2.88	U		0.14	U		0.14	U		0.14	U
Total Confident Conc. VOC		467.34			328.5			748.11			652.73			334.59			285.32			316.86			242.96			85.64	

Data Validation Soil Vapor Summary Table 1
Spectrum Finishing Corporation - Site No. 152059
Bablyon, New York

Sample ID		152059-SV-SV3S			152059-SV-SV3SDL			152059-SV-SV3D			152059-SV-SV3DDL			152059-SV-SV31S			152059-SV-SV31SDL			152059-SV-SV2S			152059-SV-SV2D			152059-SV-7S		
Lab Sample Number		Y2495-07			Y2495-07DL			Y2495-08			Y2495-08DL			Y2495-09			Y2495-09DL			Y2495-10			Y2495-11			Y2495-12		
Sampling Date		04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07		
Matrix		AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR		
Dilution Factor		1.0			20.0			1.0			20.0			1.0			20.0			1.0			1.0			1.0		
Units		ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3		
COMPOUND	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV
Dichlorodifluoromethane		**19.6**			20.8	D		**22**			25.7	D		**21.7**			25.7	D		4.31			4.45			2.92		
Chloromethane		**0.07**	U		1.47	U		**0.07**	U		1.47	U		**0.07**	U		1.47	U		0.07	U		0.07	U		0.07	U	
Vinyl Chloride		**0.08**	U		1.53	U		**0.08**	U		1.53	U		**0.08**	U		1.53	U		0.08	U		0.08	U		0.08	U	
Bromomethane		**0.13**	U		2.64	U		**0.13**	U		2.64	U		**0.13**	U		2.64	U		0.13	U		0.13	U		0.13	U	
Chloroethane		**0.1**	U		2.02	U		**0.1**	U		2.02	U		**0.1**	U		2.02	U		0.1	U		0.1	U		0.1	U	
Trichlorofluoromethane	J	**43.7**		J	42.6	D	J	**53.3**		J	56	D		**47.9**		J	56	D		7.23		J	7.51		J	4.2		J
Isopropyl Alcohol	J	**0.03**	U	J	0.59	U		**0.03**	U	J	0.59	U		**0.03**	U	J	0.59	U		0.03	U	J	0.03	U	J	0.03	U	J
Dichlorotetrafluoroethane		**0.22**	U		4.34	U		**0.22**	U		4.34	U		**0.22**	U		4.34	U		0.22	U		0.22	U		0.22	U	
1,1,2-Trichlorotrifluoroethane		**1.07**			3.82	U		**1.22**			3.82	U		**1.15**			3.82	U		1.45			0.19	U		0.19	U	
Bromoethene		**0.11**	U		2.28	U		**0.11**	U		2.28	U		**0.11**	U		2.28	U		0.11	U		0.11	U		0.11	U	
Propene		**15.4**			21.3	D		**30.7**			42.3	D		**15.4**			24.7	D		5.02			17			3.71		
Heptane		**2.49**			3.27	U		**1.96**			3.27	U		**2.7**			3.27	U		1.8			2.09			1.92		
1,1-Dichloroethene		**0.12**	U		2.46	U		**0.12**	U		2.46	U		**0.12**	U		2.46	U		0.12	U		0.12	U		0.12	U	
Ethyl Acetate		**6.08**			1.58	U		**0.08**	U		1.58	U		**6.15**			1.58	U		4			6.3			3.89		
Acetone		106	E		**102**	**D**		58.9	E		**63.6**	**D**		110	E		**136**	**D**		27.6			43.9			21.5		
Carbon Disulfide		**0.07**	U		1.49	U		**1.74**			1.49	U		**0.07**	U		1.49	U		1.12			1.87			0.53		
Methyl tert-Butyl Ether		**0.86**			1.73	U		**0.09**	U		1.73	U		**0.94**			1.73	U		1.22			0.09	U		0.09	U	
Methylene Chloride		**1.56**			1.04	U		**1.53**			1.04	U		**2.19**			1.04	U		1.98			1.6			1.39		
Allyl Chloride		**0.08**	U		1.51	U		**0.08**	U		1.51	U		**0.08**	U		1.51	U		0.08	U		0.08	U		0.08	U	
trans-1,2-Dichloroethene		**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U		0.13	U		0.13	U		0.13	U	
Vinyl Acetate		**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U		0.14	U		0.14	U		0.14	U	
1,1-Dichloroethane		**0.65**			2.75	U		**0.89**			2.75	U		**0.65**			2.75	U		0.14	U		0.14	U		0.14	U	
Cyclohexane		**2.98**			2.08	U		**0.1**	U		2.08	U		**3.76**			2.08	U		0.1	U		0.77			0.1	U	
2-Butanone		**13.8**			11.8	JD		**14.9**			13.5	D		**13.8**			14.7	D		7.45			12			4.62		
Carbon Tetrachloride		**0.19**	U		3.78	U		**0.19**	U		3.78	U		**0.19**	U		3.78	U		0.19	U		0.19	U		0.19	U	
cis-1,2-Dichloroethene		**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U		0.13	U		0.13	U		0.13	U	
Chloroform		**0.88**			2.34	U		**1.46**		J	2.34	U		**0.97**		J	2.34	U		0.68		J	0.58		J	0.97		J
1,4-Dioxane		**0.19**	U		3.96	U		**0.19**	U		3.96	U		**0.19**	U		3.96	U		0.19	U		0.19	U		0.19	U	
1,1,1-Trichloroethane		272	E	J	**274**	**D**	J	291	E	J	**329**	**D**	J	308	E	J	**356**	**D**	J	19.8		J	16.9		J	8.21		J
Tetrahydrofuran		**1.3**			3.53	U		**0.17**	U		3.53	U		**1.33**			3.53	U		0.8			0.17	U		0.17	U	
2,2,4-Trimethylpentane		**1.63**			2.89	U		**0.14**	U		2.89	U		**1.63**			2.89	U		3.5			0.14	U		0.79		
Benzene		**2.07**			1.6	U		**3.8**			1.6	U		**2.2**			1.6	U		2.04			3			1.66		
1,2-Dichloroethane		**0.12**	U		2.43	U		**0.12**	U		2.43	U		**0.12**	U		2.43	U		0.12	U		0.12	U		0.12	U	
Trichloroethene		**2.95**			3.86	U		**3.05**			3.86	U		**3.21**			3.86	U		1.88			0.54	J		0.59		
1,2-Dichloropropane		**0.23**	U		4.53	U		**0.23**	U		4.53	U		**0.23**	U		4.53	U		0.23	U		0.23	U		0.23	U	
Bromodichloromethane		**0.27**	U		5.37	U		**0.27**	U		5.37	U		**0.27**	U		5.37	U		0.27	U		0.27	U		0.27	U	
4-Methyl-2-Pentanone	J	**2.17**		J	2.13	U		**3.72**		J	2.13	U		**2.45**		J	2.13	U		3.72		J	2.74		J	0.11	U	J
Toluene	J	**7.11**			3.31	U		**5.57**			3.31	U		**8.39**			7.53	JD		5.87			7.94			7.19		
t-1,3-Dichloropropene		**0.11**	U		2.27	U		**0.11**	U		2.27	U		**0.11**	U		2.27	U		0.11	U		0.11	U		0.11	U	
cis-1,3-Dichloropropene		**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U		0.14	U		0.14	U		0.14	U	
1,1,2-Trichloroethane		**0.29**	U		5.98	U		**0.29**	U		5.98	U		**0.29**	U		5.98	U		0.29	U		0.29	U		0.29	U	
2-Hexanone	J	**0.09**	U	J	1.8	U		**1.68**		J	1.8	U		**0.09**	U	J	1.8	U		0.98		J	1.02		J	0.09	U	J
Dibromochloromethane		**0.32**	U		6.47	U		**0.32**	U		6.47	U		**0.32**	U		6.47	U		0.32	U		0.32	U		0.32	U	
1,2-Dibromoethane		**0.26**	U		5.23	U		**0.26**	U		5.23	U		**0.26**	U		5.23	U		0.26	U		0.26	U		0.26	U	
Tetrachloroethene		**125**			122	D		202	E		**225**	**D**		**134**			145	D		25.1			20.3			69.9		
Chlorobenzene		**1.06**			6.01	U		**0.31**	U		6.01	U		**1.76**			6.01	U		0.31	U		0.31	U		0.31	U	
Ethyl Benzene		**1.39**			3.12	U		**2.17**			3.12	U		**1.78**			3.12	U		1.69			1.56			6.07		
m/p-Xylene		**4.42**			5.64	U		**5.94**			5.64	U		**6.07**			5.64	U		5.94			4.12			17.7		
o-Xylene		**2.12**			3.47	U		**2.9**			3.47	U		**3.03**			3.47	U		2.77			2.08			5.77		
Styrene		**0.64**		J	3.74	U		**1.28**		J	3.74	U		**0.89**		J	3.74	U		0.43	J	J	0.64		J	0.19	U	
Bromoform		**0.25**	U		4.97	U		**0.25**	U		4.97	U		**0.25**	U		4.97	U		0.25	U		0.25	U		0.25	U	
1,1,2,2-Tetrachloroethane		**0.45**	U		8.93	U		**0.45**	U		8.93	U		**0.45**	U		8.93	U		0.45	U		0.45	U		0.45	U	
1,3,5-Trimethylbenzene		**1.47**			2.36	U		**2.99**			2.36	U		**2.16**			2.36	U		4.37			4.32			3.98		
1,2,4-Trimethylbenzene	J	**4.17**		J	3.53	U		**7.9**		J	3.53	U		**6.28**		J	3.53	U		8.74		J	7.61		J	7.31		J
4-Ethyltoluene		**1.03**			1.47	U		**1.72**			1.47	U		**1.37**			1.47	U		2.55			2.5			2.01		
1,3-Dichlorobenzene		**1.68**		J	2.65	U		**0.13**	U		2.65	U		**1.26**		J	2.65	U		0.13	U		0.13	U		0.13	U	
1,4-Dichlorobenzene		**0.2**	U		4.09	U		**0.2**	U		4.09	U		**0.2**	U		4.09	U		0.2	U		0.2	U		0.2	U	
1,2-Dichlorobenzene		**0.25**	U		5.05	U		**0.25**	U		5.05	U		**0.25**	U		5.05	U		0.25	U		0.25	U		0.25	U	
1,2,4-Trichlorobenzene		**0.35**	U		6.96	U		**0.35**	U		6.96	U		**0.35**	U		6.96	U		0.35	U		0.35	U		0.35	U	
Hexachloro-1,3-Butadiene		**0.45**	U		8.97	U		**0.45**	U		8.97	U		**0.45**	U		8.97	U		0.45	U		0.45	U		0.45	U	
1,3-Butadiene		**0.09**	U		1.77	U		**0.09**	U		1.77	U		**0.09**	U		1.77	U		0.09	U		0.09	U		0.09	U	
Hexane		**5.98**			2.53	U		**4.61**			2.53	U		**5.49**			2.53	U		3.97			7.98			3.45		
Benzyl Chloride		**0.14**	U		2.88	U		**0.14**	U		2.88	U		**0.14**	U		2.88	U		0.14	U		0.14	U		0.14	U	
Total Confident Conc. VOC		653.26			594.5			728.93			755.1			718.61			765.63			158.01			181.32			180.28		

Data Validation Soil Vapor Summary Table 1
Spectrum Finishing Corporation - Site No. 152059
Bablyon, New York

Sample ID	152059-SV-7D			152059-SV-8S			152059-SV-8SDL			152059-SV-8D			152059-SV-13S			152059-SV-13D			152059-SV-1S			152059-SV-1D			152059-OA-AA1		
Lab Sample Number	Y2495-13			Y2495-14			Y2495-14DL			Y2495-15			Y2495-16			Y2495-17			Y2495-18			Y2495-19			Y2495-20		
Sampling Date	04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07		
Matrix	AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR		
Dilution Factor	1.0			1.0			20.0			1.0			1.0			1.0			1.0			1.0			1.0		
Units	ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3		
COMPOUND		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV
Dichlorodifluoromethane	2.97			**3.56**			3.56	U		3.46			2.82			2.97			3.02			2.87			3.02		
Chloromethane	0.07	U		**0.07**	**U**		1.47	U		0.07	U		0.07	U		0.07	U		0.07	U		0.07	U		1.33		
Vinyl Chloride	0.08	U		**0.08**	**U**		1.53	U		0.08	U		0.08	U		0.08	U		0.08	U		0.08	U		0.08	U	
Bromomethane	0.13	U		**0.13**	**U**		2.64	U		0.13	U		0.13	U		0.13	U		0.13	U		0.13	U		0.13	U	
Chloroethane	0.1	U		**0.1**	**U**		2.02	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U		0.1	U	
Trichlorofluoromethane	4.48		J	**4.09**		J	3.14	U	J	4.37		J	2.75		J	3.08		J	2.63		J	2.69		J	2.3		J
Isopropyl Alcohol	0.03	U	J	**0.03**	**U**	J	0.59	U	J	0.03	U	J	0.03	U	J	0.03	U	J	0.03	U	J	0.03	U	J	20.6		J
Dichlorotetrafluoroethane	0.22	U		**0.22**	**U**		4.34	U		0.22	U		0.22	U		0.22	U		0.22	U		0.22	U		0.22	U	
1,1,2-Trichlorotrifluoroethane	1.07			**1.53**			3.82	U		1.38			0.92			1.15			1.07			1.3			1.3		
Bromoethene	0.11	U		**0.11**	**U**		2.28	U		0.11	U		0.11	U		0.11	U		0.11	U		0.11	U		0.11	U	
Propene	7.52			**18.8**			21.3	D		27.7			11.9			18.2			6.27			7.23			0.09	U	
Heptane	1.72			**6.18**			3.27	U		2.25			3.07			1.68			1.8			0.78			2.37		
1,1-Dichloroethene	0.12	U		**0.12**	**U**		2.46	U		0.12	U		0.12	U		0.12	U		0.12	U		0.12	U		0.12	U	
Ethyl Acetate	4.03			**10.4**			1.58	U		5.18			4.57			3.38			4.71			4.57			11.5		
Acetone	39.8			89.3	E		**74**	**D**		29.8			16.8			41.2			24.1			34.8			32.4		
Carbon Disulfide	0.07	U		**1.87**			1.49	U		1.77			0.07	U		0.07	U		0.07	U		0.07	U		0.34		
Methyl tert-Butyl Ether	0.09	U		**0.09**	**U**		1.73	U		0.09	U		0.09	U		0.09	U		0.09	U		0.09	U		0.09	U	
Methylene Chloride	1.15			**6.19**			1.04	U		27.5			2.78			0.87			1.32			3.02			43		
Allyl Chloride	0.08	U		**0.08**	**U**		1.51	U		0.08	U		0.08	U		0.08	U		0.08	U		0.08	U		0.08	U	
trans-1,2-Dichloroethene	0.13	U		**0.13**	**U**		2.7	U		0.13	U		0.13	U		0.13	U		0.13	U		0.13	U		0.13	U	
Vinyl Acetate	0.14	U		**0.14**	**U**		2.81	U		0.14	U		0.14	U	J	0.14	U		0.14	U		0.14	U		0.14	U	
1,1-Dichloroethane	0.14	U		**0.14**	**U**		2.75	U		0.14	U		0.14	U		0.14	U		0.14	U		0.14	U		0.14	U	
Cyclohexane	0.6	J		**1.04**			2.08	U		0.1	U		0.1	U		0.1	U		0.1	U		0.64	J		1.31		
2-Butanone	12.6			**14.5**			13	D		4.18			3.3			13.5			11.4			9.63			5.12		
Carbon Tetrachloride	0.19	U		**1.39**			3.78	U		1.89			0.19	U		0.19	U		0.19	U		0.19	U		0.63	J	
cis-1,2-Dichloroethene	0.13	U		**0.13**	**U**		2.7	U		0.13	U		0.13	U		0.13	U		0.13	U		0.13	U		0.13	U	
Chloroform	2.38		J	**6.96**		J	2.34	U		21		J	0.49	J	J	0.68		J	0.68		J	0.97		J	0.12	U	
1,4-Dioxane	0.19	U		**0.19**	**U**		3.96	U		0.19	U		0.19	U		0.19	U		0.19	U		0.19	U		0.19	U	
1,1,1-Trichloroethane	7.13		J	**36.4**		J	27.2	D		33.9		J	1.74		J	2.34		J	0.12	U		1.41		J	0.12	U	
Tetrahydrofuran	0.17	U		**0.77**			3.53	U		0.17	U		0.17	U		0.17	U		0.82			0.17	U		0.17	U	
2,2,4-Trimethylpentane	0.14	U		**2.94**			2.89	U		0.14	U		1.77			0.14	U		1.31			0.14	U		0.84		
Benzene	2.36			**5.52**			1.6	U		3.09			2.42			2.46			2.01			1.85			1.24		
1,2-Dichloroethane	0.12	U		**0.12**	**U**		2.43	U		0.12	U		0.12	U		0.12	U		0.12	U		0.12	U		0.12	U	
Trichloroethene	0.19	U		**1.93**			3.86	U		2.2			0.19	U		0.19	U		0.19	U		0.19	U		0.75		
1,2-Dichloropropane	0.23	U		**0.23**	**U**		4.53	U		0.23	U		0.23	U		0.23	U		0.23	U		0.23	U		0.23	U	
Bromodichloromethane	0.27	U		**0.27**	**U**		5.37	U		0.27	U		0.27	U		0.27	U		0.27	U		0.27	U		0.27	U	
4-Methyl-2-Pentanone	1.02		J	**3.11**		J	2.13	U	J	1.02		J	0.11	U	J	2.33		J	3.52		J	1.39		J	6.87		J
Toluene	4.74			79.9	E	J	**53.4**	**D**		4.89		J	5.68		J	4.44		J	8.35		J	3.65		J	27.7		J
t-1,3-Dichloropropene	0.11	U		**0.11**	**U**		2.27	U		0.11	U		0.11	U		0.11	U		0.11	U		0.11	U		0.11	U	
cis-1,3-Dichloropropene	0.14	U		**0.14**	**U**		2.81	U		0.14	U		0.14	U		0.14	U		0.14	U		0.14	U		0.14	U	
1,1,2-Trichloroethane	0.29	U		**0.29**	**U**		5.98	U		0.29	U		0.29	U		0.29	U		0.29	U		0.29	U		0.29	U	
2-Hexanone	1.31		J	**0.09**	**U**	J	1.8	U	J	0.09	U	J	0.09	U		1.15		J	1.35		J	0.09	U	J	0.09	U	J
Dibromochloromethane	0.32	U		**0.32**	**U**		6.47	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U	
1,2-Dibromoethane	0.26	U		**0.26**	**U**		5.23	U		0.26	U		0.26	U		0.26	U		0.26	U		0.26	U		0.26	U	
Tetrachloroethene	46.1			**29.2**			25.8	D		25.3			3.39			3.39			5.23			5.5			1.43		
Chlorobenzene	0.31	U		**0.31**	**U**		6.01	U		0.31	U		0.31	U		0.31	U		0.31	U		0.31	U		0.31	U	
Ethyl Benzene	1.13			**71.3**			59.8	D		2.34			2.17			0.69			2.6			0.91			1.95		
m/p-Xylene	2.82			285	E		**281**	**D**		6.63			5.55			1.39			8.93			2.34			6.11		
o-Xylene	1.6			158	E		**146**	**D**		3.03			3.86			0.65			3.47			1.95			2.25		
Styrene	0.64		J	**3.02**		J	3.74	U		0.77		J	62.9		J	1.4		J	0.19	U		0.19	U		1.74		J
Bromoform	0.25	U		**0.25**	**U**		4.97	U		0.25	U		0.25	U		0.25	U		0.25	U		0.25	U		0.25	U	
1,1,2,2-Tetrachloroethane	0.45	U		**0.45**	**U**		8.93	U		0.45	U		0.45	U		0.45	U		0.45	U		0.45	U		0.45	U	
1,3,5-Trimethylbenzene	6.87			230	E		**230**	**D**		3.14			11.1			3.48			3.48			9.18			0.79		
1,2,4-Trimethylbenzene	11.9		J	386	E	J	**646**	**D**	J	11.4		J	18		J	6.77		J	7.46		J	16.5		J	2.01		J
4-Ethyltoluene	3.83			**92.5**			84.4	D		2.01			5.35			1.47			2.21			4.86			0.64		
1,3-Dichlorobenzene	0.13	U		**0.13**	**U**		2.65	U		0.13	U		0.13	U		0.13	U		0.13	U		0.13	U		0.13	U	
1,4-Dichlorobenzene	0.2	U		**0.2**	**U**		4.09	U		0.2	U		0.2	U		0.2	U		0.2	U		0.2	U		0.2	U	
1,2-Dichlorobenzene	0.25	U		**0.25**	**U**		5.05	U		0.25	U		0.25	U		0.25	U		0.25	U		0.25	U		0.25	U	
1,2,4-Trichlorobenzene	0.35	U		**0.35**	**U**		6.96	U		0.35	U		0.35	U		0.35	U		0.96		BU	0.35	U		0.35	U	
Hexachloro-1,3-Butadiene	0.45	U		**0.45**	**U**		8.97	U		0.45	U		0.45	U		0.45	U		1.17			0.45	U		0.45	U	
1,3-Butadiene	0.09	U		**0.09**	**U**		1.77	U		0.09	U		0.09	U		0.09	U		0.09	U		0.09	U		0.09	U	
Hexane	4.04			**8.65**			2.53	U		4.61			4.12			3.41			3.55			3.41			9.5		
Benzyl Chloride	0.14	U		**0.14**	**U**		2.88	U		0.14	U		0.14	U		0.14	U		0.14	U		0.14	U		0.14	U	
Total Confident Conc. VOC	173.81			1560.05			1661.9			234.81			177.45			122.08			113.42			121.45			189.04		

Data Validation Soil Vapor Table 2
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID		152059-SV-SV6S			152059-SV-SV6SDL			152059-SV-SV6D			152059-SV-SV6DDL			152059-SV-SV11S			152059-SV-SV11SDL			152059-SV-SV11D			152059-SV-SV11DDL			152059-SV-SV12S		
Lab Sample Number		Y2414-01			Y2414-01DL			Y2414-02			Y2414-02DL			Y2414-03			Y2414-03DL			Y2414-04			Y2414-04DL			Y2414-05		
Sampling Date		04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07		
Matrix		AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR		
Dilution Factor		1.0			20.0			1.0			20.0			1.0			10.0			1.0			10.0			1.0		
Units		ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3		
COMPOUND	CAS #		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV
Dichlorodifluoromethane	75-71-8	**3.02**			3.56	U		**2.97**			3.56	U		**2.72**			1.78	U		**2.67**			1.78	U		**2.62**		
Chloromethane	74-87-3	**0.55**			1.47	U		**0.07**	U		1.47	U		**0.07**	U		0.74	U		**0.07**	**U**		0.74	U		**0.07**	**U**	
Vinyl Chloride	75-01-4	**0.08**	U		1.53	U		**0.08**	U		1.53	U		**0.08**	U		0.77	U		**0.08**	**U**		0.77	U		**0.08**	**U**	
Bromomethane	74-83-9	**0.13**	U		2.64	U		**0.13**	U		2.64	U		**0.13**	U		1.32	U		**0.13**	**U**		1.32	U		**0.13**	**U**	
Chloroethane	75-00-3	**0.1**	U		2.02	U		**0.1**	U		2.02	U		**0.1**	U		1.01	U		**0.1**	**U**		1.01	U		**0.1**	**U**	
Trichlorofluoromethane	75-69-4	**4.43**			3.14	U		**3.92**			3.14	U		**2.8**			1.57	U		**3.19**			1.57	U		**3.81**		
Isopropyl Alcohol	67-63-0	**2.5**			0.59	U		**3.66**			0.59	U		**2.26**			0.29	U		**0.03**	**U**		0.29	U		**3.31**		
Dichlorotetrafluoroethane	76-14-2	**0.22**	U		4.34	U		**0.22**	U		4.34	U		**0.22**	U		2.17	U		**0.22**	**U**		2.17	U		**0.22**	**U**	
1,1,2-Trichlorotrifluoroethane	76-13-1	**0.84**		J	3.82	U		**0.84**		J	3.82	U		**0.84**		J	1.91	U		**0.76**	**J**	J	1.91	U		**0.92**		J
Bromoethene	593-60-2	**0.11**	U		2.28	U		**0.11**	U		2.28	U		**0.11**	U		1.14	U		**0.11**	**U**		1.14	U		**0.11**	**U**	
Propene	115-07-1	**13.1**		J	21.6	D		**14.5**		J	23	D		**2.73**		J	0.88	U		**0.09**	**U**		0.88	U		**0.09**	**U**	
Heptane	142-82-5	**0.65**		J	3.27	U		**1.23**		J	3.27	U		**0.53**		J	1.64	U		**0.16**	**U**		1.64	U		**0.86**		J
1,1-Dichloroethene	75-35-4	**0.12**	U		2.46	U		**0.12**	U		2.46	U		**0.12**	U		1.23	U		**0.12**	**U**		1.23	U		**0.12**	**U**	
Ethyl Acetate	141-78-6	**0.08**	U		1.58	U		**0.08**	U		1.58	U		**0.08**	U		0.79	U		**0.08**	**U**		0.79	U		**4.25**		
Acetone	67-64-1	**29.5**		J	31.3	D		**37**		J	40.8	D		87.2	E	J	**68.3**	**D**	J	**27.3**		J	26.3	D		**25.4**		J
Carbon Disulfide	75-15-0	**0.68**			1.49	U		**0.99**			1.49	U		**0.07**	U		0.75	U		**0.5**			0.75	U		**0.07**	**U**	
Methyl tert-Butyl Ether	1634-04-4	**0.09**	U		1.73	U		**0.09**	U		1.73	U		**0.09**	U		0.86	U		**0.09**	**U**		0.86	U		**0.09**	**U**	
Methylene Chloride	75-09-2	**11.9**			27.1	D		**3.72**			1.04	U		**2.12**			12.9	D		**1.88**			0.52	U		**5.18**		
Allyl Chloride	107-05-1	**0.08**	U		1.51	U		**0.08**	U		1.51	U		**0.08**	U		0.76	U		**0.08**	**U**		0.76	U		**0.08**	**U**	
trans-1,2-Dichloroethene	156-60-5	**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		1.35	U		**0.13**	**U**		1.35	U		**0.13**	**U**	
Vinyl Acetate	108-05-4	**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		1.41	U		**0.14**	**U**		1.41	U		**0.14**	**U**	
1,1-Dichloroethane	75-34-3	**0.14**	U		2.75	U		**0.14**	U		2.75	U		**0.14**	U		1.38	U		**0.14**	**U**		1.38	U		**0.14**	**U**	
Cyclohexane	110-82-7	**0.1**	U		2.08	U		**0.1**	U		2.08	U		**0.1**	U		1.04	U		**0.1**	**U**		1.04	U		**0.1**	**U**	
2-Butanone	78-93-3	**5.18**			2.77	U		**13.1**			12.4	D		**9.31**			8.25	D		**5.09**			5.3	JD		**17**		
Carbon Tetrachloride	56-23-5	**0.19**	U		3.78	U		**0.19**	U		3.78	U		**0.19**	U		1.89	U		**0.19**	**U**		1.89	U		**0.19**	**U**	
cis-1,2-Dichloroethene	156-59-2	**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		1.35	U		**0.13**	**U**		1.35	U		**0.13**	**U**	
Chloroform	67-66-3	**0.12**	U		2.34	U		**0.12**	U		2.34	U		**4.67**			1.17	U		**1.9**			1.17	U		**0.68**		
1,4-Dioxane	123-91-1	**1.01**			3.96	U		**0.19**	U		3.96	U		**0.19**	U		1.94	U		**0.19**	**U**		1.94	U		**0.19**	**U**	
1,1,1-Trichloroethane	71-55-6	**20.6**			26.1	D		**18.2**			21.8	D		**7.07**			7.07	D		**9.08**			9.25	D		**1.03**		
Tetrahydrofuran	109-99-9	**0.17**	U		3.53	U		**0.62**			3.53	U		**0.17**	U		1.74	U		**0.17**	**U**		1.74	U		**0.17**	**U**	
2,2,4-Trimethylpentane	540-84-1	**0.14**	U		2.89	U		**0.14**	U		2.89	U		**0.14**	U		1.45	U		**0.14**	**U**		1.45	U		**0.61**		
Benzene	71-43-2	**0.99**			1.6	U		**1.28**			1.6	U		**1.02**			0.8	U		**0.64**			0.8	U		**3.22**		
1,2-Dichloroethane	107-06-2	**0.12**	U		2.43	U		**0.12**	U		2.43	U		**0.12**	U		1.21	U		**0.12**	**U**		1.21	U		**0.12**	**U**	
Trichloroethene	79-01-6	**6.48**			3.86	U		**9.7**			10.7	JD		**0.19**	U		1.93	U		**0.75**			1.93	U		**0.19**	**U**	
1,2-Dichloropropane	78-87-5	**0.23**	U		4.53	U		**0.23**	U		4.53	U		**0.23**	U		2.26	U		**0.23**	**U**		2.26	U		**0.23**	**U**	
Bromodichloromethane	75-27-4	**0.27**	U		5.37	U		**0.27**	U		5.37	U		**0.27**	U		2.68	U		**0.27**	**U**		2.68	U		**0.27**	**U**	
4-Methyl-2-Pentanone	108-10-1	**4.09**			2.13	U		**9.24**			2.13	U		**11.9**			1.06	U		**2.33**			1.06	U		**27.6**		
Toluene	108-88-3	**8.54**		J	7.53	JD		**11.3**		J	9.03	D		**17.3**		J	10.2	D		**3.95**		J	1.66	U		**26**		J
t-1,3-Dichloropropene	10061-02-6	**0.11**	U		2.27	U		**0.11**	U		2.27	U		**0.11**	U		1.13	U		**0.11**	**U**		1.13	U		**0.11**	**U**	
cis-1,3-Dichloropropene	10061-01-5	**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		1.41	U		**0.14**	**U**		1.41	U		**0.14**	**U**	
1,1,2-Trichloroethane	79-00-5	**0.29**	U		5.98	U		**0.29**	U		5.98	U		**0.29**	U		2.94	U		**0.29**	**U**		2.94	U		**0.29**	**U**	
2-Hexanone	591-78-6	**0.09**	U		1.8	U		**0.09**	U		1.8	U		**0.09**	U		0.9	U		**0.09**	**U**		0.9	U		**0.09**	**U**	
Dibromochloromethane	124-48-1	**0.32**	U		6.47	U		**0.32**	U		6.47	U		**0.32**	U		3.23	U		**0.32**	**U**		3.23	U		**0.32**	**U**	
1,2-Dibromoethane	106-93-4	**0.26**	U		5.23	U		**0.26**	U		5.23	U		**0.26**	U		2.61	U		**0.26**	**U**		2.61	U		**0.26**	**U**	
Tetrachloroethene	127-18-4	689	E		**688**	D		686	E		**585**	**D**		**81.1**			67.2	D		147	E		**112**	**D**		**40**		
Chlorobenzene	108-90-7	**0.31**	U		6.01	U		**0.31**	U		6.01	U		**0.31**	U		3.05	U		**0.31**	**U**		3.05	U		**0.31**	**U**	
Ethyl Benzene	100-41-4	**1.13**		J	3.12	U		**1.04**		J	3.12	U		**1.04**		J	1.56	U		**0.43**	**J**	J	1.56	U		**1.95**		J
m/p-Xylene	126777-61-2	**4.6**		J	5.64	U		**3.69**		J	5.64	U		**3.9**		J	2.77	U		**1.47**		J	2.77	U		**5.98**		J
o-Xylene	95-47-6	**1.43**		J	3.47	U		**1.34**		J	3.47	U		**1.91**		J	1.73	U		**0.65**		J	1.73	U		**1.99**		J
Styrene	100-42-5	**0.19**	U		3.74	U		**0.19**	U		3.74	U		**34.2**		J	12.8	D		**1.4**		J	1.87	U		**0.51**		J
Bromoform	75-25-2	**0.25**	U		4.97	U		**0.25**	U		4.97	U		**0.25**	U		2.48	U		**0.25**	**U**		2.48	U		**0.25**	**U**	
1,1,2,2-Tetrachloroethane	79-34-5	**0.45**	U		8.93	U		**0.45**	U		8.93	U		**0.45**	U	J	4.47	U		**0.45**	**U**		4.47	U		**0.45**	**U**	
1,3,5-Trimethylbenzene	108-67-8	**0.83**		J	2.36	U		**0.74**		J	2.36	U		**0.79**		J	1.18	U		**0.12**	**U**		1.18	U		**1.08**		J
1,2,4-Trimethylbenzene	95-63-6	**2.99**		J	3.53	U		**3.34**		J	3.53	U		**2.7**		J	1.77	U		**1.62**		J	1.77	U		**4.12**		J
4-Ethyltoluene	622-96-8	**0.59**			1.47	U		**0.64**			1.47	U		**0.07**	U		0.74	U		**0.49**	**J**		0.74	U		**0.74**		
1,3-Dichlorobenzene	541-73-1	**0.13**	U		2.65	U		**0.13**	U		2.65	U		**0.13**	U	J	1.32	U		**0.13**	**U**		1.32	U		**0.13**	**U**	
1,4-Dichlorobenzene	106-46-7	**0.66**		J	4.09	U		**0.96**		J	4.09	U		**0.84**		J	2.04	U		**0.6**	**J**	J	2.04	U		**0.2**	**U**	
1,2-Dichlorobenzene	95-50-1	**0.25**	U	J	5.05	U		**0.25**	U		5.05	U		**0.25**	U		2.53	U		**0.25**	**U**		2.53	U		**0.25**	**U**	
1,2,4-Trichlorobenzene	120-82-1	**0.89**		J	6.96	U		**1.18**		J	6.96	U		**0.96**		J	3.48	U		**0.96**		J	3.48	U		**1.18**		J
Hexachloro-1,3-Butadiene	87-68-3	**1.71**		BU	8.97	U		**1.81**		BU	8.97	U		**1.81**	BU	J	4.48	U		**2.03**		BU	4.48	U		**2.03**		BU
1,3-Butadiene	106-99-0	**0.09**	U		1.77	U		**0.09**	U		1.77	U		**0.09**	U		0.88	U		**0.09**	**U**		0.88	U		**0.09**	**U**	
Hexane	110-54-3	**3.83**			2.53	U		**3.13**			2.53	U		**0.13**	U		1.27	U		**0.13**	**U**		1.27	U		**2.99**		
Benzyl Chloride	100-44-7	**0.14**	U		2.88	U		**0.14**	U		2.88	U		**0.14**	U		1.44	U		**0.14**	**U**		1.44	U		**0.14**	**U**	
Total Confident Conc. VOC		821.72			801.63			836.14			702.73			281.72			186.72			216.69			152.85			185.06		

Data Validation Soil Vapor Table 2
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID	152059-SV-SV12D		152059-SV-SV5S		152059-SV-SV5SDL		152059-SV-SV5D		152059-SV-SV5DDL		152059-SV-SV10S		152059-SV-SV10SDL		152059-SV-SV10D		152059-SV-SV10DDL		152059-SV-SV4S	
Lab Sample Number	Y2414-06		Y2414-07		Y2414-07DL		Y2414-08		Y2414-08DL		Y2414-09		Y2414-09DL		Y2414-10		Y2414-10DL		Y2414-11	
Sampling Date	04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07	
Matrix	AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR	
Dilution Factor	1.0		1.0		20.0		5.0		20.0		2.0		20.0		5.0		20.0		5.0	
Units	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	

COMPOUND		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab
Dichlorodifluoromethane	2.97			**4.95**			3.56	U		**7.18**			10.9	D		**4.36**			3.56	U		**5.69**		J	3.56	U		**8.41**	
Chloromethane	0.07	U		**0.07**	**U**		1.47	U		**0.37**	**U**		1.47	U		**0.15**	**U**		1.47	U		**0.37**	**U**		1.47	U		**0.37**	**U**
Vinyl Chloride	0.08	U		**0.08**	**U**		1.53	U		**0.38**	**U**		1.53	U		**0.15**	**U**		1.53	U		**0.38**	**U**		1.53	U		**0.38**	**U**
Bromomethane	0.13	U		**0.13**	**U**		2.64	U		**0.66**	**U**		2.64	U		**0.26**	**U**		2.64	U		**0.66**	**U**		2.64	U		**0.66**	**U**
Chloroethane	0.1	U		**0.1**	**U**		2.02	U		**0.51**	**U**		2.02	U		**0.2**	**U**		2.02	U		**0.51**	**U**		2.02	U		**0.51**	**U**
Trichlorofluoromethane	2.97			**11.9**			14.6	D		**15.4**			21.3	D		**12.9**			16.8	D		**12**		J	14.6	D		**12.9**	
Isopropyl Alcohol	0.03	U		**0.03**	**U**		0.59	U		**0.15**	**U**		0.59	U		**0.06**	**U**		0.59	U		**0.15**	**U**		0.59	U		**0.15**	**U**
Dichlorotetrafluoroethane	0.22	U		**0.22**	**U**		4.34	U		**1.12**	**U**		4.34	U		**0.43**	**U**		4.34	U		**1.12**	**U**		4.34	U		**1.12**	**U**
1,1,2-Trichlorotrifluoroethane	0.99		J	**0.84**		J	3.82	U		**0.92**	**U**		3.82	U		**0.38**	**U**		3.82	U		**0.92**	**U**		3.82	U		**0.92**	**U**
Bromoethene	0.11	U		**0.11**	**U**		2.28	U		**0.57**	**U**		2.28	U		**0.23**	**U**		2.28	U		**0.57**	**U**		2.28	U		**0.57**	**U**
Propene	10.4		J	**13.6**		J	21.6	D		**46**		J	62.5	D		**23.2**		J	36.1	D		**60.6**		J	81.1	D		**40.8**	
Heptane	1.15		J	**0.98**		J	3.27	U		**2.25**		J	3.27	U		**2.21**		J	3.27	U		**4.91**		J	3.27	U		**2.86**	
1,1-Dichloroethene	0.12	U		**0.12**	**U**		2.46	U		**0.63**	**U**		2.46	U		**1.75**			2.46	U		**2.38**		J	2.46	U		**0.63**	**U**
Ethyl Acetate	0.08	U		**0.08**	**U**		1.58	U		**0.4**	**U**		1.58	U		**0.16**	**U**		1.58	U		**0.4**	**U**		1.58	U		**0.4**	**U**
Acetone	39.8		J	**29.7**		J	35.1	D		**68.1**		J	87.8	D		**39.6**		J	49.3	D		**52.7**		J	52.2	D		**50.6**	
Carbon Disulfide	0.07	U		**0.07**	**U**		1.49	U		**2.8**			1.49	U		**1.55**			1.49	U		**2.8**			1.49	U		**2.02**	
Methyl tert-Butyl Ether	0.09	U		**21.3**			23	D		**47.5**			53.3	D		**0.17**	**U**		1.73	U		**0.43**	**U**		1.73	U		**0.43**	**U**
Methylene Chloride	13.5			**0.76**			1.04	U		**4.52**			1.04	U		**5.08**			1.04	U		**4.87**		J	1.04	U		**3.82**	
Allyl Chloride	0.08	U		**0.08**	**U**		1.51	U		**0.38**	**U**		1.51	U		**0.15**	**U**		1.51	U		**0.38**	**U**		1.51	U		**0.38**	**U**
trans-1,2-Dichloroethene	0.13	U		**0.13**	**U**		2.7	U		**0.67**	**U**		2.7	U		**0.27**	**U**		2.7	U		**0.67**	**U**		2.7	U		**0.67**	**U**
Vinyl Acetate	0.14	U		**0.14**	**U**		2.81	U		**0.7**	**U**		2.81	U		**0.28**	**U**		2.81	U		**0.7**	**U**		2.81	U		**0.7**	**U**
1,1-Dichloroethane	0.14	U		**0.14**	**U**		2.75	U		**0.69**	**U**		2.75	U		**17**			21.9	D		**17.8**		J	21.1	D		**21.5**	
Cyclohexane	0.1	U		**0.1**	**U**		2.08	U		**0.54**	**U**		2.08	U		**0.21**	**U**		2.08	U		**0.54**	**U**		2.08	U		**0.54**	**U**
2-Butanone	19.5			**18.1**			18.8	D		**37.4**			40	D		**18.7**			20	D		**20.2**		J	23	D		**16**	
Carbon Tetrachloride	0.19	U		**0.19**	**U**		3.78	U		**0.94**	**U**		3.78	U		**0.38**	**U**		3.78	U		**0.94**	**U**		3.78	U		**0.94**	**U**
cis-1,2-Dichloroethene	0.13	U		**0.13**	**U**		2.7	U		**0.67**	**U**		2.7	U		**1.35**		J	2.7	U		**0.67**	**U**		2.7	U		**0.67**	**U**
Chloroform	0.12	U		**0.12**	**U**		2.34	U		**0.58**	**U**		2.34	U		**0.97**	**J**		2.34	U		**0.58**	**U**		2.34	U		**2.68**	
1,4-Dioxane	0.19	U		**0.19**	**U**		3.96	U		**0.97**	**U**		3.96	U		**0.4**	**U**		3.96	U		**0.97**	**U**		3.96	U		**0.97**	**U**
1,1,1-Trichloroethane	0.65			208	E		**239**	**D**		**243**			292	D		649	E		**796**	**D**		604	E	J	**682**	**D**		**183**	
Tetrahydrofuran	0.17	U		**0.17**	**U**		3.53	U		**0.88**	**U**		3.53	U		**0.35**	**U**		3.53	U		**0.88**	**U**		3.53	U		**0.88**	**U**
2,2,4-Trimethylpentane	0.14	U		**0.14**	**U**		2.89	U		**0.75**	**U**		2.89	U		**0.29**	**U**		2.89	U		**0.75**	**U**		2.89	U		**0.75**	**U**
Benzene	2.74			**1.79**			1.6	U		**6.7**			8.93	D		**2.36**			1.6	U		**6.06**		J	7.66	D		**3.83**	
1,2-Dichloroethane	0.12	U		**0.12**	**U**		2.43	U		**0.61**	**U**		2.43	U		**0.24**	**U**		2.43	U		**0.61**	**U**		2.43	U		**0.61**	**U**
Trichloroethene	0.19	U		**11.3**			12.9	D		**20.6**			23.6	D		**108**			119	D		**86**		J	105	D		**4.02**	
1,2-Dichloropropane	0.23	U		**0.23**	**U**		4.53	U		**1.11**	**U**		4.53	U		**0.45**	**U**		4.53	U		**1.11**	**U**		4.53	U		**1.11**	**U**
Bromodichloromethane	0.27	U		**0.27**	**U**		5.37	U		**1.34**	**U**		5.37	U		**0.54**	**U**		5.37	U		**1.34**	**U**		5.37	U		**1.34**	**U**
4-Methyl-2-Pentanone	53.1			**8.75**			2.13	U		**13.5**			2.13	U		**10.6**			2.13	U		**11.9**		J	2.13	U		**9.41**	
Toluene	63		J	**9.67**		J	8.28	D		**18.1**		J	18.8	D		**15.1**		J	11.3	D		**19.9**		J	21.8	D		**16.4**	
t-1,3-Dichloropropene	0.11	U		**0.11**	**U**		2.27	U		**0.54**	**U**		2.27	U		**0.23**	**U**		2.27	U		**0.54**	**U**		2.27	U		**0.54**	**U**
cis-1,3-Dichloropropene	0.14	U		**0.14**	**U**		2.81	U		**0.73**	**U**		2.81	U		**0.28**	**U**		2.81	U		**0.73**	**U**		2.81	U		**0.73**	**U**
1,1,2-Trichloroethane	0.29	U		**0.29**	**U**		5.98	U		**1.47**	**U**		5.98	U		**0.6**	**U**		5.98	U		**1.47**	**U**		5.98	U		**1.47**	**U**
2-Hexanone	1.47			**0.09**	**U**		1.8	U		**0.45**	**U**		1.8	U		**0.18**	**U**		1.8	U		**0.45**	**U**		1.8	U		**0.45**	**U**
Dibromochloromethane	0.32	U		**0.32**	**U**		6.47	U		**1.62**	**U**		6.47	U		**0.65**	**U**		6.47	U		**1.62**	**U**		6.47	U		**1.62**	**U**
1,2-Dibromoethane	0.26	U		**0.26**	**U**		5.23	U		**1.31**	**U**		5.23	U		**0.52**	**U**		5.23	U		**1.31**	**U**		5.23	U		**1.31**	**U**
Tetrachloroethene	15.3			1587	E		**1302**	**D**		2042	E		**2038**	**D**		1817	E		**1765**	**D**		1405	E	J	**1673**	**D**		3128	E
Chlorobenzene	0.31	U		**0.31**	**U**		6.01	U		**1.53**	**U**		6.01	U		**0.6**	**U**		6.01	U		**1.53**	**U**		6.01	U		**1.53**	**U**
Ethyl Benzene	0.87		J	**1.13**		J	3.12	U		**2.6**		J	3.12	U		**2.95**		J	3.12	U		**48.1**		J	58.1	D		**2.17**	**J**
m/p-Xylene	2.21		J	**3.29**		J	5.64	U		**6.94**		J	5.64	U		**6.16**		J	5.64	U		**122**		J	155	D		**4.99**	
o-Xylene	1		J	**1.34**		J	3.47	U		**3.25**		J	3.47	U		**2.6**		J	3.47	U		**51.8**		J	64.2	D		**2.6**	
Styrene	0.55		J	**0.51**		J	3.74	U		**0.94**	**U**		3.74	U		**0.37**	**U**		3.74	U		**0.94**	**U**	J	3.74	U		**4.89**	
Bromoform	0.25	U		**0.25**	**U**		4.97	U		**1.24**	**U**		4.97	U		**0.5**	**U**		4.97	U		**1.24**	**U**		4.97	U		**1.24**	**U**
1,1,2,2-Tetrachloroethane	0.45	U		**0.45**	**U**		8.93	U		**2.2**	**U**		8.93	U		**0.89**	**U**		8.93	U		**2.2**	**U**		8.93	U		**2.2**	**U**
1,3,5-Trimethylbenzene	0.64		J	**1.08**		J	2.36	U		**0.59**	**U**		2.36	U		**4.32**		J	2.36	U		**10.8**		J	2.36	U		**0.59**	**U**
1,2,4-Trimethylbenzene	2.21		J	**4.07**		J	3.53	U		**7.61**		J	3.53	U		**8.05**		J	3.53	U		**16.9**		J	13.7	D		**4.42**	
4-Ethyltoluene	0.59			**0.83**			1.47	U		**0.37**	**U**		1.47	U		**1.87**			1.47	U		**4.42**		J	1.47	U		**0.37**	**U**
1,3-Dichlorobenzene	0.13	U		**0.13**	**U**		2.65	U		**0.66**	**U**		2.65	U		**0.26**	**U**		2.65	U		**0.66**	**U**		2.65	U		**0.66**	**U**
1,4-Dichlorobenzene	0.2	U		**0.2**	**U**		4.09	U		**1.02**	**U**		4.09	U		**0.41**	**U**		4.09	U		**1.02**	**U**		4.09	U		**1.02**	**U**
1,2-Dichlorobenzene	0.25	U		**0.25**	**U**		5.05	U		**1.26**	**U**		5.05	U		**0.51**	**U**		5.05	U		**1.26**	**U**		5.05	U		**1.26**	**U**
1,2,4-Trichlorobenzene	1.18		J	**1.04**		J	6.96	U		**5.18**		J	6.96	U		**2.81**		J	6.96	U		**7.77**		J	6.96	U		**5.18**	
Hexachloro-1,3-Butadiene	1.92		BU	**2.13**		BU	8.97	U		**9.07**		BU	8.97	U		**5.12**		BU	8.97	U		**12.3**		BU	8.97	U		**11.2**	
1,3-Butadiene	0.09	U	J	**0.09**	**U**		1.77	U		**0.44**	**U**		1.77	U		**0.18**	**U**		1.77	U		**0.44**	**U**		1.77	U		**0.44**	**U**
Hexane	6.93			**0.13**	**U**		2.53	U		**5.63**			2.53	U		**0.25**	**U**		2.53	U		**5.98**		J	2.53	U		**4.75**	
Benzyl Chloride	0.14	U		**0.14**	**U**		2.88	U		**0.69**	**U**		2.88	U		**0.29**	**U**		2.88	U		**0.69**	**U**		2.88	U		**0.69**	**U**
Total Confident Conc. VOC	245.64			522.4			1675.28			2615.33			2657.13			2764.61			2835.4			2596.88			2972.46			3546.45	

Data Validation Soil Vapor Table 2
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID	152059-SV-SV4SDL			152059-SV-SV4D			152059-SV-SV4DDL			152059-SV-SV9S			152059-SV-SV9SDL			152059-SV-SV9D			152059-SV-SV9DDL			152059-SV-SV15S			152059-SV-SV15SDL			152059-SV-SV15D
Lab Sample Number	Y2414-11DL			Y2414-12			Y2414-12DL			Y2414-13			Y2414-13DL			Y2414-14			Y2414-14DL			Y2414-15			Y2414-15DL			Y2414-16
Sampling Date	04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07
Matrix	AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR
Dilution Factor	62.0			5.0			64.0			2.0			20.0			2.0			20.0			1.0			10.0			1.0
Units	ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3

COMPOUND	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV	
Dichlorodifluoromethane		10.89	U		**8.17**			11.38	U		**22.6**			30.7	D		**19.8**			29.7	D		**3.27**			1.78	U		**3.37**
Chloromethane		4.5	U		**0.37**	**U**		4.7	U		**0.15**	**U**		1.47	U		**0.15**	**U**		1.47	U		**0.07**	**U**		0.74	U		**0.07**
Vinyl Chloride		4.86	U		**0.38**	**U**		4.86	U		**0.15**	**U**		1.53	U		**0.15**	**U**		1.53	U		**0.08**	**U**		0.77	U		**0.08**
Bromomethane		8.16	U		**0.66**	**U**		8.55	U		**0.26**	**U**		2.64	U		**0.26**	**U**		2.64	U		**0.13**	**U**		1.32	U		**0.13**
Chloroethane		6.38	U		**0.51**	**U**		6.38	U		**0.2**	**U**		2.02	U		**0.2**	**U**		2.02	U		**0.1**	**U**		1.01	U		**0.1**
Trichlorofluoromethane		9.53	U		**11.2**			10.09	U		**68.8**			89.7	D		**60.3**			81.8	D		**2.86**			1.57	U		**3.25**
Isopropyl Alcohol		1.82	U		**0.15**	**U**		1.89	U		**0.06**	**U**		0.59	U		**0.06**	**U**		0.59	U		**3.34**			0.29	U		**0.03**
Dichlorotetrafluoroethane		13.29	U		**1.12**	**U**		13.99	U		**0.43**	**U**		4.34	U		**0.43**	**U**		4.34	U		**0.22**	**U**		2.17	U		**0.22**
1,1,2-Trichlorotrifluoroethane		12.24	U		**0.92**	**U**		12.24	U		**0.38**	**U**		3.82	U		**1.68**		J	3.82	U		**1.38**		J	1.91	U		**1.07**
Bromoethene		7	U		**0.57**	**U**		7.44	U		**0.23**	**U**		2.28	U		**0.23**	**U**		2.28	U		**0.11**	**U**		1.14	U		**0.11**
Propene	J	55.4	D		**59.4**		J	68.2	D		**25.8**		J	40.9	D		**30.8**		J	48.4	D		**12.7**		J	19.1	D		**26.7**
Heptane	J	10.22	U		**3.48**		J	10.63	U		**2.45**		J	3.27	U		**3.84**		J	3.27	U		**1.64**		J	1.64	U		**3.56**
1,1-Dichloroethene		7.54	U		**0.63**	**U**		7.93	U		**6.03**			7.93	JD		**5.47**			8.73	D		**0.12**	**U**		1.23	U		**0.12**
Ethyl Acetate		5.04	U		**0.4**	**U**		5.04	U		**0.16**	**U**		1.58	U		**0.16**	**U**		1.58	U		**5.76**			0.79	U		**0.08**
Acetone	J	48.5	D		**105**		J	77.4	D		**42.7**		J	54.1	D		**81.2**		J	93	D		**42.2**		J	45.3	D		58
Carbon Disulfide		4.66	U		**5.91**			4.66	U		**0.15**	**U**		1.49	U		**3.42**			1.49	U		**0.07**	**U**		0.75	U		**0.07**
Methyl tert-Butyl Ether		5.4	U		**0.43**	**U**		5.4	U		**0.17**	**U**		1.73	U		**1.15**			1.73	U		**0.09**	**U**		0.86	U		**0.09**
Methylene Chloride		3.23	U		**19.5**			3.34	U		**2.99**			1.04	U		**3.62**			1.04	U		**2.19**			0.52	U		**1.56**
Allyl Chloride		4.72	U		**0.38**	**U**		4.72	U		**0.15**	**U**		1.51	U		**0.15**	**U**		1.51	U		**0.08**	**U**		0.76	U		**0.08**
trans-1,2-Dichloroethene		8.33	U		**0.67**	**U**		8.73	U		**0.27**	**U**		2.7	U		**0.27**	**U**		2.7	U		**0.13**	**U**		1.35	U		**0.13**
Vinyl Acetate		8.79	U		**0.7**	**U**		9.15	U		**0.28**	**U**		2.81	U		**0.28**	**U**		2.81	U		**0.14**	**U**		1.41	U		**0.14**
1,1-Dichloroethane		25.1	JD		**24.1**			25.9	JD		**52.4**			66.4	D		**23**			29.2	D		**0.14**	**U**		1.38	U		**0.14**
Cyclohexane		6.37	U		**0.54**	**U**		6.71	U		**0.21**	**U**		2.08	U		**0.21**	**U**		2.08	U		**0.1**	**U**		1.04	U		**0.1**
2-Butanone		8.54	U		**40.5**			8.83	U		**22**			24.1	D		**23.8**			22.4	D		**13.6**			12.1	D		**17.2**
Carbon Tetrachloride		11.97	U		**0.94**	**U**		11.97	U		**0.38**	**U**		3.78	U		**0.38**	**U**		3.78	U		**0.19**	**U**		1.89	U		**0.19**
cis-1,2-Dichloroethene		8.33	U		**0.67**	**U**		8.73	U		**0.27**	**U**		2.7	U		**0.27**	**U**		2.7	U		**0.13**	**U**		1.35	U		**0.13**
Chloroform		7.3	U		**2.68**			7.3	U		**4.67**			2.34	U		**5.26**			2.34	U		**1.36**			1.17	U		**1.46**
1,4-Dioxane		11.88	U		**0.97**	**U**		12.6	U		**0.4**	**U**		3.96	U		**0.4**	**U**		3.96	U		**0.19**	**U**		1.94	U		**0.19**
1,1,1-Trichloroethane		229	D		**153**			157	D		**1024**	**E**		1459	D		767	E		**972**	**D**		**19.4**			21.8	D		**16.6**
Tetrahydrofuran		10.9	U		**0.88**	**U**		11.19	U		**0.35**	**U**		3.53	U		**0.35**	**U**		3.53	U		**0.17**	**U**		1.74	U		**0.17**
2,2,4-Trimethylpentane		8.86	U		**0.75**	**U**		9.33	U		**0.29**	**U**		2.89	U		**0.29**	**U**		2.89	U		**0.14**	**U**		1.45	U		**0.14**
Benzene		5.1	U		**7.66**			5.1	U		**3**			1.6	U		**4.98**			7.66	D		**3.54**			3.83	D		**5.55**
1,2-Dichloroethane		7.69	U		**0.61**	**U**		7.69	U		**0.24**	**U**		2.43	U		**0.24**	**U**		2.43	U		**0.12**	**U**		1.21	U		**0.12**
Trichloroethene		11.79	U		**3.48**			12.32	U		**159**			186	D		**87.2**			109	D		**1.77**			1.93	U		**2.73**
1,2-Dichloropropane		13.87	U		**1.11**	**U**		14.33	U		**0.45**	**U**		4.53	U		**0.45**	**U**		4.53	U		**0.23**	**U**		2.26	U		**0.23**
Bromodichloromethane		16.77	U		**1.34**	**U**		17.44	U		**0.54**	**U**		5.37	U		**0.54**	**U**		5.37	U		**0.27**	**U**		2.68	U		**0.27**
4-Methyl-2-Pentanone		6.54	U		**130**			6.95	U		**78.8**			70.3	D		**47.8**			39.3	D		**71.8**			56.9	D		**61.4**
Toluene	J	10.16	U		**131**		J	50.6	D		**8.96**		J	9.03	D		**43.9**		J	39.9	D		**66**		J	57.2	D		**59.9**
t-1,3-Dichloropropene		7.26	U		**0.54**	**U**		7.26	U		**0.23**	**U**		2.27	U		**0.23**	**U**		2.27	U		**0.11**	**U**		1.13	U		**0.11**
cis-1,3-Dichloropropene		8.63	U		**0.73**	**U**		9.08	U		**0.28**	**U**		2.81	U		**0.28**	**U**		2.81	U		**0.14**	**U**		1.41	U		**0.14**
1,1,2-Trichloroethane		17.95	U		**1.47**	**U**		19.04	U		**0.6**	**U**		5.98	U		**0.6**	**U**		5.98	U		**0.29**	**U**		2.94	U		**0.29**
2-Hexanone		5.73	U		**0.45**	**U**		5.73	U		**0.18**	**U**		1.8	U		**0.18**	**U**		1.8	U		**0.9**			0.9	U		**0.09**
Dibromochloromethane		20.42	U		**1.62**	**U**		20.42	U		**0.65**	**U**		6.47	U		**0.65**	**U**		6.47	U		**0.32**	**U**		3.23	U		**0.32**
1,2-Dibromoethane		16.15	U		**1.31**	**U**		16.92	U		**0.52**	**U**		5.23	U		**0.52**	**U**		5.23	U		**0.26**	**U**		2.61	U		**0.26**
Tetrachloroethene		**3006**	**D**		3672	E		**2594**	**D**		652	E		**674**	**D**		318	E		**372**	**D**		342	E		**321**	**D**		336
Chlorobenzene		18.95	U		**1.53**	**U**		19.41	U		**0.6**	**U**		6.01	U		**0.6**	**U**		6.01	U		**0.31**	**U**		3.05	U		**0.31**
Ethyl Benzene	J	9.54	U		**2.17**	**J**		9.97	U		**3.03**		J	3.12	U		**3.29**		J	3.12	U		**1.21**		J	1.56	U		**1.99**
m/p-Xylene	J	17.34	U		**4.77**		J	17.78	U		**12.1**		J	5.64	U		**9.1**		J	5.64	U		**2.12**		J	2.77	U		**3.38**
o-Xylene	J	10.84	U		**2.82**		J	11.27	U		**7.54**		J	3.47	U		**4.94**		J	3.47	U		**0.95**		J	1.73	U		**1.73**
Styrene	J	11.48	U		**4.68**		J	11.91	U		**0.94**		J	3.74	U		**1.79**		J	3.74	U		**0.89**		J	1.87	U		**1.11**
Bromoform		15.52	U		**1.24**	**U**		15.52	U		**0.5**	**U**		4.97	U		**0.5**	**U**		4.97	U		**0.25**	**U**		2.48	U		**0.25**
1,1,2,2-Tetrachloroethane		27.48	U		**2.2**	**U**		28.86	U		**0.89**	**U**		8.93	U		**0.89**	**U**		8.93	U		**0.45**	**U**		4.47	U		**0.45**
1,3,5-Trimethylbenzene		7.36	U		**9.08**		J	7.36	U		**13.3**		J	2.36	U		**3.53**		J	2.36	U		**0.12**	**U**		1.18	U		**0.12**
1,2,4-Trimethylbenzene	J	10.8	U		**14.5**		J	11.29	U		**35.4**		J	24.5	D		**10.5**		J	3.53	U		**1.37**		J	1.77	U		**1.37**
4-Ethyltoluene		4.56	U		**4.17**			4.71	U		**5.89**			1.47	U		**1.87**			1.47	U		**0.07**	**U**		0.74	U		**0.49**
1,3-Dichlorobenzene		8.42	U		**0.66**	**U**		8.42	U		**0.26**	**U**		2.65	U		**0.26**	**U**		2.65	U		**0.13**	**U**		1.32	U		**0.13**
1,4-Dichlorobenzene		12.63	U		**1.02**	**U**		13.23	U		**0.41**	**U**		4.09	U		**0.41**	**U**		4.09	U		**0.2**	**U**		2.04	U		**0.2**
1,2-Dichlorobenzene		15.63	U		**1.26**	**U**		16.23	U		**0.51**	**U**		5.05	U		**0.51**	**U**		5.05	U		**0.25**	**U**		2.53	U		**0.25**
1,2,4-Trichlorobenzene	J	21.47	U		**5.55**		J	22.21	U		**3.26**		J	6.96	U		**2.52**		J	6.96	U		**1.41**		J	3.48	U		**1.33**
Hexachloro-1,3-Butadiene	BU	27.75	U		**11.2**		BU	28.82	U		**4.7**		BU	8.97	U		**4.91**		BU	8.97	U		**2.46**		BU	4.48	U		**2.56**
1,3-Butadiene		5.52	U		**0.44**	**U**		5.74	U		**0.18**	**U**		1.77	U		**0.18**	**U**		1.77	U		**0.09**	**U**		0.88	U		**0.09**
Hexane		7.74	U		**11.3**			8.09	U		**4.01**			2.53	U		**4.99**			2.53	U		**4.26**			1.27	U		**5.94**
Benzyl Chloride		9.23	U		**0.69**	**U**		9.23	U		**0.29**	**U**		2.88	U		**0.29**	**U**		2.88	U		**0.14**	**U**		1.44	U		**0.14**
Total Confident Conc. VOC		3364			4447.32			2973.1			2266.37			2736.66			1579.66			1853.09			610.38			537.23			618.25

Data Validation Soil Vapor Table 2
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID	152059-SV-SV15DDL		152059-SV-SV18S		152059-SV-SV18D		152059-SV-SV18DDL		152059-SV-SV20S		152059-SV-SV20SDL		152059-SV-SV20D		152059-SV-SV20DDL	
Lab Sample Number	Y2414-16DL		Y2414-17		Y2414-18		Y2414-18DL		Y2414-19		Y2414-19DL		Y2414-20		Y2414-20DL	
Sampling Date	04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07	
Matrix	AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR	
Dilution Factor	10.0		1.0		1.0		20.0		1.0		20.0		1.0		20.0	
Units	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	

COMPOUND	Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV	
Dichlorodifluoromethane			1.78	U		4.16			**2.92**			3.56	U		**5.3**			3.56	U		**7.37**			3.56	U	
Chloromethane	U		0.74	U		0.07	U		**1.76**			1.47	U		**0.07**	U		1.47	U		**0.07**	U		1.47	U	
Vinyl Chloride	U		0.77	U		0.08	U		**0.08**	U		1.53	U		**0.08**	U		1.53	U		**0.08**	U		1.53	U	
Bromomethane	U		1.32	U		0.13	U		**0.13**	U		2.64	U		**0.13**	U		2.64	U		**0.13**	U		2.64	U	
Chloroethane	U		1.01	U		0.1	U		**0.1**	U		2.02	U		**0.1**	U		2.02	U		**0.1**	U		2.02	U	
Trichlorofluoromethane			1.57	U		4.93			**2.02**			3.14	U		**5.55**			3.14	U		**6.22**			3.14	U	
Isopropyl Alcohol	U		0.29	U		0.03	U		**9.79**			0.59	U		**0.03**	U		0.59	U		**0.03**	U		0.59	U	
Dichlorotetrafluoroethane	U		2.17	U		0.22	U		**0.22**	U		4.34	U		**0.22**	U		4.34	U		**0.22**	U		4.34	U	
1,1,2-Trichlorotrifluoroethane		J	1.91	U		1.15		J	**0.84**		J	3.82	U		**1.45**		J	3.82	U		**1.22**		J	3.82	U	
Bromoethene	U		1.14	U		0.11	U		**0.11**	U		2.28	U		**0.11**	U		2.28	U		**0.11**	U		2.28	U	
Propene		J	42.8	D		5.5		J	**4.26**		J	1.72	U		**0.09**	U		1.72	U		**23.6**		J	44	D	
Heptane		J	1.64	U		0.65		J	**0.78**		J	3.27	U		**1.23**		J	3.27	U		**2.54**		J	3.27	U	
1,1-Dichloroethene	U		1.23	U		0.12	U		**0.12**	U		2.46	U		**0.12**	U		2.46	U		**0.12**	U		2.46	U	
Ethyl Acetate	U		0.79	U		0.08	U		**0.08**	U		1.58	U		**0.08**	U		1.58	U		**0.08**	U		1.58	U	
Acetone	E	J	**60.3**	**D**	J	22.7		J	272	E	J	**276**	**D**	J	**20.4**		J	28.9	D		51.2	E	J	**55**	**D**	J
Carbon Disulfide	U		0.75	U		0.07	U		**0.07**	U		1.49	U		**0.07**	U		1.49	U		**0.31**	J		1.49	U	
Methyl tert-Butyl Ether	U		0.86	U		0.09	U		**0.09**	U		1.73	U		**0.09**	U		1.73	U		**0.09**	U		1.73	U	
Methylene Chloride			0.52	U		3.65			**12.9**			21.6	D		**2.12**			16	D		**2.22**			15.3	D	
Allyl Chloride	U		0.76	U		0.08	U		**0.08**	U		1.51	U		**0.08**	U		1.51	U		**0.08**	U		1.51	U	
trans-1,2-Dichloroethene	U		1.35	U		0.13	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U	
Vinyl Acetate	U		1.41	U		0.14	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U	
1,1-Dichloroethane	U		1.38	U		0.14	U		**0.14**	U		2.75	U		**0.14**	U		2.75	U		**0.14**	U		2.75	U	
Cyclohexane	U		1.04	U		0.1	U		**0.1**	U		2.08	U		**0.1**	U		2.08	U		**0.1**	U		2.08	U	
2-Butanone			15.3	D		6.1			**6.39**			2.77	U		**7.01**			2.77	U		**15.5**			17.7	D	
Carbon Tetrachloride	U		1.89	U		0.19	U		**0.69**			3.78	U		**0.19**	U		3.78	U		**0.19**	U		3.78	U	
cis-1,2-Dichloroethene	U		1.35	U		0.13	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U	
Chloroform			1.17	U		0.12	U		**0.12**	U		2.34	U		**0.58**			2.34	U		**0.63**			2.34	U	
1,4-Dioxane	U		1.94	U		0.19	U		**0.19**	U		3.96	U		**0.19**	U		3.96	U		**0.19**	U		3.96	U	
1,1,1-Trichloroethane			19	D		0.92			**1.31**			2.39	U		**12**			15.2	D		**21.5**			26.1	D	
Tetrahydrofuran	U		1.74	U		0.17	U		**0.17**	U		3.53	U		**0.17**	U		3.53	U		**0.17**	U		3.53	U	
2,2,4-Trimethylpentane	U		1.45	U		0.14	U		**0.14**	U		2.89	U		**1.54**			2.89	U		**0.14**	U		2.89	U	
Benzene			6.38	D		1.4			**0.99**			1.6	U		**2.33**			1.6	U		**3.92**			1.6	U	
1,2-Dichloroethane	U		1.21	U		0.12	U		**0.12**	U		2.43	U		**0.12**	U		2.43	U		**0.12**	U		2.43	U	
Trichloroethene			1.93	U		0.19	U		**0.19**	U		3.86	U		**0.59**			3.86	U		**1.34**			3.86	U	
1,2-Dichloropropane	U		2.26	U		0.23	U		**0.23**	U		4.53	U		**0.23**	U		4.53	U		**0.23**	U		4.53	U	
Bromodichloromethane	U		2.68	U		0.27	U		**0.27**	U		5.37	U		**0.27**	U		5.37	U		**0.27**	U		5.37	U	
4-Methyl-2-Pentanone			47	D		6.46			**3.64**			2.13	U		**10.2**			2.13	U		**10.2**			2.13	U	
Toluene		J	59.5	D		10.4		J	**7.53**		J	3.31	U		**11.7**		J	9.78	D		**13.5**		J	11.3	D	
t-1,3-Dichloropropene	U		1.13	U		0.11	U		**0.11**	U		2.27	U		**0.11**	U		2.27	U		**0.11**	U		2.27	U	
cis-1,3-Dichloropropene	U		1.41	U		0.14	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U	
1,1,2-Trichloroethane	U		2.94	U		0.29	U		**0.29**	U		5.98	U		**0.29**	U		5.98	U		**0.29**	U		5.98	U	
2-Hexanone	U		0.9	U		0.09	U		**0.09**	U		1.8	U		**0.09**	U		1.8	U		**0.09**	U		1.8	U	
Dibromochloromethane	U		3.23	U		0.32	U		**0.32**	U		6.47	U		**0.32**	U		6.47	U		**0.32**	U		6.47	U	
1,2-Dibromoethane	U		2.61	U		0.26	U		**0.26**	U		5.23	U		**0.26**	U		5.23	U		**0.26**	U		5.23	U	
Tetrachloroethene	E		**299**	**D**		14.5			**2.78**			5.3	U		260	E		**234**	**D**		396	E		**353**	**D**	
Chlorobenzene	U		3.05	U		0.31	U		**0.31**	U		6.01	U		**0.31**	U		6.01	U		**0.31**	U		6.01	U	
Ethyl Benzene		J	1.56	U		0.56		J	**0.48**		J	3.12	U		**0.48**		J	3.12	U		**1**		J	3.12	U	
m/p-Xylene		J	2.77	U		1.04		J	**0.95**		J	5.64	U		**1**		J	5.64	U		**2.47**		J	5.64	U	
o-Xylene		J	1.73	U		0.65		J	**0.48**		J	3.47	U		**0.43**	J	J	3.47	U		**0.91**		J	3.47	U	
Styrene		J	1.87	U		0.51		J	**0.19**	U		3.74	U		**0.19**	U		3.74	U		**0.72**		J	3.74	U	
Bromoform	U		2.48	U		0.25	U		**0.25**	U		4.97	U		**0.25**	U		4.97	U		**0.25**	U		4.97	U	
1,1,2,2-Tetrachloroethane	U		4.47	U		0.45	U		**0.45**	U		8.93	U		**0.45**	U	J	8.93	U		**0.45**	U		8.93	U	
1,3,5-Trimethylbenzene	U		1.18	U		0.12	U		**0.12**	U		2.36	U		**0.12**	U	J	2.36	U		**0.12**	U		2.36	U	
1,2,4-Trimethylbenzene		J	1.77	U		0.74		J	**1.08**		J	3.53	U		**0.59**		J	3.53	U		**1.37**		J	3.53	U	
4-Ethyltoluene	J		0.74	U		0.07	U		**0.07**	U		1.47	U		**0.07**	U		1.47	U		**0.07**	U		1.47	U	
1,3-Dichlorobenzene	U		1.32	U		0.13	U		**0.13**	U		2.65	U		**0.13**	U		2.65	U		**0.13**	U		2.65	U	
1,4-Dichlorobenzene	U		2.04	U		0.2	U		**0.2**	U		4.09	U		**0.2**	U		4.09	U		**0.2**	U		4.09	U	
1,2-Dichlorobenzene	U		2.53	U		0.25	U		**0.25**	U		5.05	U		**0.25**	U		5.05	U		**0.25**	U		5.05	U	
1,2,4-Trichlorobenzene		J	3.48	U		1.48		J	**1.41**		J	6.96	U		**1.33**		J	6.96	U		**1.11**		J	6.96	U	
Hexachloro-1,3-Butadiene		BU	4.48	U		2.46		BU	**2.67**		BU	8.97	U		**2.13**		BU	8.97	U		**2.35**		BU	8.97	U	
1,3-Butadiene	U		0.88	U		0.09	U		**0.09**	U		1.77	U		**0.09**	U		1.77	U		**0.09**	U		1.77	U	
Hexane			1.27	U		2.6			**4.43**			2.53	U		**7.49**			2.53	U		**5.14**			2.53	U	
Benzyl Chloride	U		1.44	U		0.14	U		**0.14**	U		2.88	U		**0.14**	U		2.88	U		**0.14**	U		2.88	U	
Total Confident Conc. VOC			549.28			92.56			342.1			297.6			355.45			303.88			572.34					

SUMMARY OF THE ANALYTICAL DATA USABILITY
Spectrum Finishing Corp
D006131-1

Air Volatile Organic Analyses
Samples Collected April 26, 2007
Samples Received April 27, 2007
Sample Delivery Group: Y2414
Laboratory Reference Numbers:

152059-SV-SV66S	Y2414-01
152059-SV-SV66S DL	Y2414-01 DL
152059-SV-SV6D	Y2414-02
152059-SV-SV6D DL	Y2414-02 DL
152059-SV-SV11S	Y2414-03
152059-SV-SV11S DL	Y2414-03 DL
152059-SV-SV11D	Y2414-04
152059-SV-SV11D DL	Y2414-04 DL
152059-SV-SV12S	Y2414-05
152059-SV-SV12D	Y2414-06
152059-SV-SV5S	Y2414-07
152059-SV-SV5S DL	Y2414-07 DL
152059-SV-SV5D	Y2414-08
152059-SV-SV5D MS	Y2414-08 MS
152059-SV-SV5D MSD	Y2414-08 MSD
152059-SV-SV5D DL	Y2414-08 DL
152059-SV-SV10S	Y2414-09
152059-SV-SV10S DL	Y2414-09 DL
152059-SV-SV10D	Y2414-10
152059-SV-SV10D DL	Y2414-10 DL
152059-SV-SV4S	Y2414-11
152059-SV-SV4S DL	Y2414-11 DL
152059-SV-SV4D	Y2414-12
152059-SV-SV4D DL	Y2414-12 DL
152059-SV-SV9S	Y2414-13
152059-SV-SV9S DL	Y2414-13 DL
152059-SV-SV9D	Y2414-14
152059-SV-SV9D DL	Y2414-14 DL
152059-SV-SV15S	Y2414-15
152059-SV-SV15S DL	Y2414-15 DL
152059-SV-SV15D	Y2414-16
152059-SV-SV15D DL	Y2414-16 DL
152059-SV-SV18S	Y2414-17
152059-SV-SV18D	Y2414-18
152059-SV-SV18D DL	Y2414-18 DL
152059-SV-SV20S	Y2414-19
152059-SV-SV20S DL	Y2414-19 DL
152059-SV-SV20D	Y2414-20
152059-SV-SV20D DL	Y2414-20 DL

Air samples were validated for analyses of volatile organics by the US EPA Region II checklist. Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
* - Calibrations
- Laboratory Blanks
- Trip Blanks
- Field Blanks
- Storage Blank
- Equipment Blank
- Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike / Matrix Spike Duplicate
- Instrument Detection Limits
- Laboratory Control Sample
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

A low concentration of hexachloro-1,3-butadiene (1.92 ug/M3 / 0.2 ppbv) was detected in the 5/2/ method blank associated with the analyses of samples -17, -19DL, -20DL, -19, -20, -08DL, -08, -09DL, -09, -10, -11, -12, -13DL, -13, -14DL, -14, -15DL, -15, -16DL, -16, -18DL, and -18. Low concentrations of this compound, less than 5x the concentration in the blank prior to dilution, were flagged with the “BU” qualifier. The laboratory is required to flag method blank contaminants were with “B” qualifier on the sample summary forms but this was not done.

The problems with the matrix spike and laboratory control samples should be noted. These are discussed in detail below.

Instrument detection limits were not found in this sample delivery group.

Holding Times

All samples were analyzed within 30 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the 65% - 135% quality assurance limits with the one exception of sample 152059-SV-SV10D (Y2414-10) with a 155% recovery.

Compounds that were detected in the sample were flagged with the “J” qualifier and are estimated values. Nondetects were not qualified since high recoveries do not affect undetected data.

This sample was reanalyzed at a dilution and all recoveries were within the required limits.

1-Bromo-4-fluorobenzene was the only surrogate.

Calibrations

All of the percent RSDs and percent differences were within the required 30% limit in the initial calibration.

All RRF’s were greater than 0.05.

Matrix Spike and Matrix Spike Duplicate

Sample 152059-SV-SV5D (Y2414-08) was used as the matrix spike and matrix spike duplicate. All recoveries and RPDs that could be accurately calculated were within the required quality assurance limits with the following exceptions:.

Compound	MS %Rec.	MSD %Rec.	QC Limits	RPD Limits
Vinyl Chloride		136%	65 - 135	35
Bromomethane	136%	136%	65 - 135	35
Chloroethane	136%		65 - 135	35
Propene	136%		65 - 135	35
1,1,2-Trichlorofluoroethane	136%	136%	65 - 135	35
Bromoethene	136%	152%	65 - 135	35
Acetone	144%	136%	65 - 135	35
1,3-Butadiene	208%	204%	65 - 135	35
1,1-Dichloroethene	136%	136%	65 - 135	35
trans-1,2-Dichloroethene	136%	136%	65 - 135	35
1,1-Dichloroethane	136%	136%	65 - 135	35
Methyl tert-butyl ether	140%	136%	65 - 135	35
1,1,1-Trichloroethane	148%	172%	65 - 135	35
Trichloroethene	141%	141%	65 - 135	35
t-1,3-Dichloropropene	136%	136%	65 - 135	35
cis-1,3-Dichloropropene	136%	136%	65 - 135	35
1,1,2-Trichloroethane	140%		65 - 135	35
Toluene		137%	65 - 135	35

1,2-Dibromoethane		152%	65 - 135	35
Ethyl benzene	142%	138%	65 - 135	35
m/p-Xylene	141%	137%	65 - 135	35
o-Xylene	141%	137%	65 - 135	35
Styrene	144%	148%	65 - 135	35
1,1,2,2-Tetrachloroethane	140%	140%	65 - 135	35
1,3,5-Trimethylbenzene	152%	152%	65 - 135	35
1,2,4-Trimethylbenzene	166%	166%	65 - 135	35
1,3-Dichlorobenzene	152%	152%	65 - 135	35
1,4-Dichlorobenzene	148%	152%	65 - 135	35
1,2-Dichlorobenzene	168%	168%	65 - 135	35
Hexachloro-1.3-butadiene	216%	220%	65 - 135	35
1,2,4-Trichlorobenzene	253%	257%	65 - 135	35

The data for these compounds were only flagged with the “J” qualifier if they were detected in a sample. Non detects were not qualified since high recoveries do not affect undetected data.

Laboratory Control Sample

All BSL0430A2 LCS recoveries, associated with the analyses of samples -17, -19DL, -20DL, -19, -20, -08DL, -08, -09DL, -09, -10, -11, -12, -13DL, -13, -14DL, -14, -15DL, -15, -16DL, -16, -18DL and -18 were within the required quality assurance limits with the following exceptions:

Compound	MS %Rec.	QC Limits
1,2,4-Trimethylbenzene	136%	65 – 135%
Hexachloro-1,3-Butadiene	152%	65 – 135%
1,2,4-Trichlorobenzene	158%	65 – 135%

All BSL0504A3 LCS recoveries, associated with the analyses of samples -11DL and -12DL were within the required quality assurance limits with the following exceptions:

Compound	MS %Rec.	QC Limits
Isopropyl Alcohol	60%	65 – 135%
1,4-Dioxane	60%	65 – 135%
t-1,3-Dichloropropene	138%	65 – 135%
4-Methyl-2-Pentanone	62%	65 – 135%
2-Hexanone	56%	65 – 135%
Styrene	140%	65 – 135%
1,2,4-Trimethylbenzene	138%	65 – 135%

Compounds with recoveries above the 135% quality control limit were flagged with the “J” qualifier only if they were detected in a sample since high recoveries do not affect the undetected data.

None of the compounds with the low recoveries were quantitated from the dilutions and the low recoveries do not affect the use of the data.

Method Blanks

A low concentration of hexachloro-1,3-butadiene (1.92 ug/M3 / 0.2 ppbv) was detected in the 5/2/ method blank associated with the analyses of samples -17, -19DL, -20DL, -19, -20, -08DL, -08, -09DL, -09, -10, -11, -12, -13DL, -13, -14DL, -14, -15DL, -15, -16DL, -16, -18DL, and -18.

Low concentrations of this compound, less than 5x the concentration in the blank prior to dilution, were flagged with the “BU” qualifier. The laboratory is required to flag method blank contaminants were with “B” qualifier on the sample summary forms but this was not done.

No compounds were detected in the other two method blanks.

Trip Blank

A trip blank was not analyzed with this sample delivery group.

Field Blank

A field blank was not analyzed with this sample delivery group.

Internal Standard Areas and Retention Times

The recoveries and retention times of all internal standards were within the required quality control limits (60% - 140%).

Instrument Detection limits

Instrument detection limits were not found in this sample delivery group.

Sample Results

No other problems were found with the reported results of any of the samples of this delivery group.

SUMMARY OF THE ANALYTICAL DATA USABILITY
Spectrum Finishing Corp
D006131-1

Air Volatile Organic Analyses
Samples Collected April 26, 2007
Samples Received April 27, 2007
Sample Delivery Group: Y1614
Laboratory Reference Numbers:

152059-SV-SV66S	Y2414-01
152059-SV-SV66S DL	Y2414-01 DL
152059-SV-SV6D	Y2414-02
152059-SV-SV6D DL	Y2414-02 DL
152059-SV-SV11S	Y2414-03
152059-SV-SV11S DL	Y2414-03 DL
152059-SV-SV11D	Y2414-04
152059-SV-SV11D DL	Y2414-04 DL
152059-SV-SV12S	Y2414-05
152059-SV-SV12D	Y2414-06
152059-SV-SV5S	Y2414-07
152059-SV-SV5S DL	Y2414-07 DL
152059-SV-SV5D	Y2414-08
152059-SV-SV5D MS	Y2414-08 MS
152059-SV-SV5D MSD	Y2414-08 MSD
152059-SV-SV5D DL	Y2414-08 DL
152059-SV-SV10S	Y2414-09
152059-SV-SV10S DL	Y2414-09 DL
152059-SV-SV10D	Y2414-10
152059-SV-SV10D DL	Y2414-10 DL
152059-SV-SV4S	Y2414-11
152059-SV-SV4S DL	Y2414-11 DL
152059-SV-SV4D	Y2414-12
152059-SV-SV4D DL	Y2414-12 DL
152059-SV-SV9S	Y2414-13
152059-SV-SV9S DL	Y2414-13 DL
152059-SV-SV9D	Y2414-14
152059-SV-SV9D DL	Y2414-14 DL
152059-SV-SV15S	Y2414-15
152059-SV-SV15S DL	Y2414-15 DL
152059-SV-SV15D	Y2414-16
152059-SV-SV15D DL	Y2414-16 DL
152059-SV-SV18S	Y2414-17
152059-SV-SV18D	Y2414-18
152059-SV-SV18D DL	Y2414-18 DL
152059-SV-SV20S	Y2414-19
152059-SV-SV20S DL	Y2414-19 DL
152059-SV-SV20D	Y2414-20
152059-SV-SV20D DL	Y2414-20 DL

VOLATILE ORGANICS
INITIAL CALIBRATION

Instrument ID: MSVOAL
Level: Low
Tune File ID: VL063004.D **Acceptable:** Yes **Time Requirements Met:** Yes
Initial Calibration File ID: VL043006.D **Date:** 4/30/2007 **Page:** 650
Associated Samples: VBL0430A2, , -03, -03DL, -04, -04DL, -05, -06, -01DL, -01, -02DL, -02, -07DL, -07, VBL0430A3, VSL0430A2, -17, -19DL, -20DL, -19, -20, -08DL, -08, -09DL, -09, -10, -11, -12, -13DL, -13, -14DL, -14, -15DL, -15, -16DL, -16, -18DL, -18

	QC %RSD	STD %RSD	QC RRF	STD RRF		QC %RSD	STD %RSD	QC RRF	STD RRF
Dichlorodifluoromethane	<30		>0.050		2,2,4-Trimethylpentane	<30		>0.050	
Chloromethane	<30		>0.050		Trichloroethene	<30		>0.050	
Vinyl Chloride	<30		>0.050		1,2-Dichloropropane	<30		>0.050	
Bromomethane	<30		>0.050		Bromodichloromethane	<30		>0.050	
Chloroethane	<30		>0.050		4-Methyl-2-Pentanone	<30		>0.010	
Trichlorofluoromethane	<30		>0.050		Toluene	<30		>0.050	
Isopropyl Alcohol	<30		>0.050		trans-1,3-Dichloropropene	<30		>0.050	
Dichlorotetrafluoroethane	<30		>0.050		cis-1,3-Dichloropropene	<30		>0.050	
1,1,2-Trichloroethene	<30		>0.050		1,1,2-Trichloroethene	<30		>0.010	
Bromoethene	<30		>0.050		2-Hexanone	<30		>0.050	
Propene	<30		>0.050		Dibromochloromethane	<30		>0.050	
Heptane	<30		>0.050		1,2-Dibromoethane	<30		>0.010	
1,1-Dichloroethene	<30		>0.050		Tetrachloroethene	<30		>0.050	
Ethyl Acetate	<30		>0.050		Chlorobenzene	<30		>0.050	
Acetone	<30		>0.050		Ethyl Benzene	<30		>0.010	
Carbon Disulfide	<30		>0.050		m/p-Xylene	<30		>0.050	
Methyl tert butyl Ether	<30		>0.050		o-Xylene	<30		>0.050	
Methylene Chloride	<30		>0.050		Styrene	<30		>0.050	
Allyl Clhoride	<30		>0.050		Bromoform	<30		>0.010	
trans-1,2-Diclhoroethene	<30		>0.050		1,1,2,2-Tetrachloroethane	<30		>0.050	
Vinyl Acetate	<30		>0.050		1,3,5-Trimethylbenzene	<30		>0.050	
1,1-Dichloroethane	<30		>0.050		1,2,4-Trimethylbenzene	<30		>0.050	
Cyclohexane	<30		>0.050		4-Ethyltoluene	<30		>0.050	
2-Butanone	<30		>0.050		1,3-Dichlorobenzene	<30		>0.010	
Carbon Tetrachloride	<30		>0.050		1,4-Dichlorobenzene	<30		>0.050	
cis-1,2-Dichloroethene	<30		>0.050		1,2-Dichlorobenzene	<30		>0.010	
Chloroform	<30		>0.050		1,2,4-Trichlorobenzene	<30		>0.010	
1,4-Dioxane	<30		>0.050		Hexachloro-1,3-Butadiene	<30		>0.010	
1,1,1-Trichloroethane	<30		>0.050		1,3-Butadiene	<30		>0.010	
Tetrahydrofuran	<30		>0.050		Hexane	<30		>0.010	
2,2,4-Trimethylpentane	<30		>0.050		Benzyl Chloride	<30		>0.010	
Benzene	<30		>0.050						

Surrogate Recovery	QC %RSD	STD %RSD	QC RRF	STD RRF
	<30%		>0.050	

All TCL Compounds Average RRF > 0.050: Yes

All TCL Compounds %D < QC Limit: Yes
TCL Compounds %D between 30% and 60% (J - qualify) N/A
TCL Compounds %D between 60% and 90% (J - qualify) N/A
TCL Compounds %D > 90% (R - reject undetected / J - detected) N/A

CALIBRATION VERIFICATION:

Compound	Acetone				Tetrachloroethene			
	Area x	**Area IS**	**calc rrf**	**Rprtd rrf**	**Area x**	**Area IS**	**calc rrf**	**Rprtd rrf**
PPBV								
0.5	15,982	906,583	0.353	0.353	63,588	2,687,437	0.473	0.473
1	25,242	924,476	0.273	0.273	106,643	2,609,823	0.409	0.409
5	132,683	897,588	0.296	0.296	540,812	2,704,577	0.400	0.400
10	299,975	893,337	0.336	0.336	1,085,354	2,690,124	0.403	0.403
20	651,462	864,811	0.377	0.377	2,249,901	2,794,043	0.403	0.403
Average			0.327	0.327			0.418	0.418
			Calc	**Reported**			**Calc**	**Reported**
%RSD			12.89%	12.89%			7.49%	7.49%

VOLATILE ORGANICS
CONTINUING CALIBRATION

Instrument ID: MSVOAL
Level: Low
Tune File ID: VL050102.D **Acceptable:** Yes **Time Requirements Met:** Yes
Calibration File ID: VL043006.D **Date:** 5/1/2007 **Page:** 592
Initial Calibration File ID: VL043006.D **Date:** 4/30/2007 **Page:** 650
Associated Samples: VBL0430A2, , -03, -03DL, -04, -04DL, -05, -06, -01DL, -01, -02DL, -02, -07DL, -07

COMPOUND LIST

	QC %D	STD %D	QC RRF	STD RRF		QC %D	STD %D	QC RRF	STD RRF
Dichlorodifluoromethane	<30		>0.050		2,2,4-Trimethylpentane	<30		>0.050	
Chloromethane	<30		>0.050		Benzene	<30		>0.050	
Vinyl Chloride	<30		>0.050		1,2-Dichloropropane	<30		>0.050	
Bromomethane	<30		>0.050		Bromodichloromethane	<30		>0.050	
Chloroethane	<30		>0.050		4-Methyl-2-Pentanone	<30		>0.050	
Trichlorofluoromethane	<30		>0.050		Toluene	<30		>0.050	
Isopropyl Alcohol	<30		>0.050		trans-1,3-Dichloropropene	<30		>0.050	
Dichlorotetrafluoroethane	<30		>0.050		cis-1,3-Dichloropropene	<30		>0.050	
1,1,2-Trichloroethene	<30		>0.050		1,1,2-Trichloroethene	<30		>0.050	
Bromoethene	<30		>0.050		2-Hexanone	<30		>0.050	
Propene	<30		>0.050		Dibromochloromethane	<30		>0.050	
Heptane	<30		>0.050		1,2-Dibromoethane	<30		>0.050	
1,1-Dichloroethene	<30		>0.050		Tetrachloroethene	<30		>0.050	
Ethyl Acetate	<30		>0.050		Chlorobenzene	<30		>0.050	
Acetone	<30		>0.050		Ethyl Benzene	<30		>0.050	
Carbon Disulfide	<30		>0.050		m/p-Xylene	<30		>0.050	
Methyl tert butyl Ether	<30		>0.050		o-Xylene	<30		>0.050	
Methylene Chloride	<30		>0.050		Styrene	<30		>0.050	
Allyl Clhoride	<30		>0.050		Bromoform	<30		>0.050	
trans-1,2-Diclhoroethene	<30		>0.050		1,1,2,2-Tetrachloroethane	<30		>0.050	
Vinyl Acetate	<30		>0.050		1,3,5-Trimethylbenzene	<30		>0.050	
1,1-Dichloroethane	<30		>0.050		1,2,4-Trimethylbenzene	<30		>0.050	
Cyclohexane	<30		>0.050		4-Ethyltoluene	<30		>0.050	
2-Butanone	<30		>0.050		1,3-Dichlorobenzene	<30		>0.050	
Carbon Tetrachloride	<30		>0.050		1,4-Dichlorobenzene	<30		>0.050	
cis-1,2-Dichloroethene	<30		>0.050		1,2-Dichlorobenzene	<30		>0.050	
Chloroform	<30		>0.050		1,2,4-Trichlorobenzene	<30		>0.050	
1,4-Dioxane	<30		>0.050		Hexachloro-1,3-Butadiene	<30		>0.050	
1,1,1-Trichloroethane	<30		>0.050		1,3-Butadiene	<30		>0.050	
Tetrahydrofuran	<30		>0.050		Hexane	<30		>0.050	
2,2,4-Trimethylpentane	<30		>0.050		Benzyl Chloride	<30		>0.050	
Benzene	<30		>0.050						

	QC %D	STD %D	QC RRF	STD RRF
Surrogate:				
1-Bromo-4-Fluorobenzene	<30%		>0.050	

All TCL Compounds Average RRF > 0.050: Yes

All TCL Compounds %D < QC Limit: Yes
TCL Compounds %D between 30% and 50% (J - qualify) N/A
TCL Compounds %D between 50% and 90% (J - qualify) N/A
TCL Compounds %D > 90% (R - reject undetected / J - detected) N/A

CALIBRATION VERIFICATION:

Compound t-1,3-Dichloropropene					Styrene			
	Area x	**Area IS**	**calc rrf**	**Rprtd rrf**	**Area x**	**Area IS**	**calc rrf**	**Rprtd rrf**
PPB								
5	618,739	2,079,294	0.595	0.595	846,882	1,767,159	0.958	0.958
% D		**Avg RRF**	**% D**	**% D**		**Avg RRF**	**% D**	**% D**
		0.475	**Calc**	**Reported**		0.821	**Calc**	**Reported**
			25.29	25.30			16.74	16.70

VOLATILE ORGANICS
CONTINUING CALIBRATION

Instrument ID: MSVOAL
Level: Low
Tune File ID: VL050208.D **Acceptable:** Yes **Time Requirements Met:** Yes
Calibration File ID: VL050209.D **Date:** 5/2/2007 **Page:** 697
Initial Calibration File ID: VL043006.D **Date:** 4/30/2007 **Page:** 650
Associated Samples: VBL0430A3, VSL0430A2, -17, -19DL, -20DL, -19, -20, -08DL, -08, -09DL, -09, -10, -11, -12, -13DL, -13, -14DL, -14, -15DL, -15, -16DL, -16, -18DL, -18

COMPOUND LIST

	QC %D	STD %D	QC RRF	STD RRF		QC %D	STD %D	QC RRF	STD RRF
Dichlorodifluoromethane	<30		>0.050		2,2,4-Trimethylpentane	<30		>0.050	
Chloromethane	<30		>0.050		Benzene	<30		>0.050	
Vinyl Chloride	<30		>0.050		1,2-Dichloropropane	<30		>0.050	
Bromomethane	<30		>0.050		Bromodichloromethane	<30		>0.050	
Chloroethane	<30		>0.050		4-Methyl-2-Pentanone	<30		>0.050	
Trichlorofluoromethane	<30		>0.050		Toluene	<30		>0.050	
Isopropyl Alcohol	<30		>0.050		trans-1,3-Dichloropropene	<30		>0.050	
Dichlorotetrafluoroethane	<30		>0.050		cis-1,3-Dichloropropene	<30		>0.050	
1,1,2-Trichloroethene	<30		>0.050		1,1,2-Trichloroethene	<30		>0.050	
Bromoethene	<30		>0.050		2-Hexanone	<30		>0.050	
Propene	<30		>0.050		Dibromochloromethane	<30		>0.050	
Heptane	<30		>0.050		1,2-Dibromoethane	<30		>0.050	
1,1-Dichloroethene	<30		>0.050		Tetrachloroethene	<30		>0.050	
Ethyl Acetate	<30		>0.050		Chlorobenzene	<30		>0.050	
Acetone	<30		>0.050		Ethyl Benzene	<30		>0.050	
Carbon Disulfide	<30		>0.050		m/p-Xylene	<30		>0.050	
Methyl tert butyl Ether	<30		>0.050		o-Xylene	<30		>0.050	
Methylene Chloride	<30		>0.050		Styrene	<30		>0.050	
Allyl Clhoride	<30		>0.050		Bromoform	<30		>0.050	
trans-1,2-Diclhoroethene	<30		>0.050		1,1,2,2-Tetrachloroethane	<30		>0.050	
Vinyl Acetate	<30		>0.050		1,3,5-Trimethylbenzene	<30		>0.050	
1,1-Dichloroethane	<30		>0.050		1,2,4-Trimethylbenzene	<30		>0.050	
Cyclohexane	<30		>0.050		4-Ethyltoluene	<30		>0.050	
2-Butanone	<30		>0.050		1,3-Dichlorobenzene	<30		>0.050	
Carbon Tetrachloride	<30		>0.050		1,4-Dichlorobenzene	<30		>0.050	
cis-1,2-Dichloroethene	<30		>0.050		1,2-Dichlorobenzene	<30		>0.050	
Chloroform	<30		>0.050		1,2,4-Trichlorobenzene	<30		>0.050	
1,4-Dioxane	<30		>0.050		Hexachloro-1,3-Butadiene	<30		>0.050	
1,1,1-Trichloroethane	<30		>0.050		1,3-Butadiene	<30		>0.050	
Tetrahydrofuran	<30		>0.050		Hexane	<30		>0.050	
2,2,4-Trimethylpentane	<30		>0.050		Benzyl Chloride	<30		>0.050	
Benzene	<30		>0.050						

	QC %D	STD %D	QC RRF	STD RRF
Surrogate:				
1-Bromo-4-Fluorobenzene	<30%		>0.050	

All TCL Compounds Average RRF > 0.050: Yes

All TCL Compounds %D < QC Limit: Yes
TCL Compounds %D between 30% and 50% (J - qualify) N/A
TCL Compounds %D between 50% and 90% (J - qualify) N/A
TCL Compounds %D > 90% (R - reject undetected / J - detected) N/A

CALIBRATION VERIFICATION:

Compound	Hexane				Toluene			
	Area x	**Area IS**	**calc rrf**	**Rprtd rrf**	**Area x**	**Area IS**	**calc rrf**	**Rprtd rrf**
PPB								
5	767,060	948,897	1.617	1.617	1,932,288	2,964,074	1.304	1.304
% D		**Avg RRF**	**% D**	**% D**		**Avg RRF**	**% D**	**% D**
		1.405	**Calc**	**Reported**		1.045	**Calc**	**Reported**
			15.07	15.10			24.77	24.80

Data Validation Soil Vapor Table 2
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID		152059-SV-SV6S			152059-SV-SV6SDL			152059-SV-SV6D			152059-SV-SV6DDL			152059-SV-SV11S			152059-SV-SV11SDL			152059-SV-SV11D			152059-SV-SV11DDL			152059-SV-SV12S		
Lab Sample Number		Y2414-01			Y2414-01DL			Y2414-02			Y2414-02DL			Y2414-03			Y2414-03DL			Y2414-04			Y2414-04DL			Y2414-05		
Sampling Date		04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07		
Matrix		AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR		
Dilution Factor		1.0			20.0			1.0			20.0			1.0			10.0			1.0			10.0			1.0		
Units		ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3		
COMPOUND	CAS #		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV
Dichlorodifluoromethane	75-71-8	**3.02**			3.56	U		**2.97**			3.56	U		**2.72**			1.78	U		**2.67**			1.78	U		**2.62**		
Chloromethane	74-87-3	**0.55**			1.47	U		**0.07**	U		1.47	U		**0.07**	U		0.74	U		**0.07**	**U**		0.74	U		**0.07**	**U**	
Vinyl Chloride	75-01-4	**0.08**	U		1.53	U		**0.08**	U		1.53	U		**0.08**	U		0.77	U		**0.08**	**U**		0.77	U		**0.08**	**U**	
Bromomethane	74-83-9	**0.13**	U		2.64	U		**0.13**	U		2.64	U		**0.13**	U		1.32	U		**0.13**	**U**		1.32	U		**0.13**	**U**	
Chloroethane	75-00-3	**0.1**	U		2.02	U		**0.1**	U		2.02	U		**0.1**	U		1.01	U		**0.1**	**U**		1.01	U		**0.1**	**U**	
Trichlorofluoromethane	75-69-4	**4.43**			3.14	U		**3.92**			3.14	U		**2.8**			1.57	U		**3.19**			1.57	U		**3.81**		
Isopropyl Alcohol	67-63-0	**2.5**			0.59	U		**3.66**			0.59	U		**2.26**			0.29	U		**0.03**	**U**		0.29	U		**3.31**		
Dichlorotetrafluoroethane	76-14-2	**0.22**	U		4.34	U		**0.22**	U		4.34	U		**0.22**	U		2.17	U		**0.22**	**U**		2.17	U		**0.22**	**U**	
1,1,2-Trichlorotrifluoroethane	76-13-1	**0.84**		J	3.82	U		**0.84**		J	3.82	U		**0.84**		J	1.91	U		**0.76**	**J**	J	1.91	U		**0.92**		J
Bromoethene	593-60-2	**0.11**	U		2.28	U		**0.11**	U		2.28	U		**0.11**	U		1.14	U		**0.11**	**U**		1.14	U		**0.11**	**U**	
Propene	115-07-1	**13.1**		J	21.6	D		**14.5**		J	23	D		**2.73**		J	0.88	U		**0.09**	**U**		0.88	U		**0.09**	**U**	
Heptane	142-82-5	**0.65**		J	3.27	U		**1.23**		J	3.27	U		**0.53**		J	1.64	U		**0.16**	**U**		1.64	U		**0.86**		J
1,1-Dichloroethene	75-35-4	**0.12**	U		2.46	U		**0.12**	U		2.46	U		**0.12**	U		1.23	U		**0.12**	**U**		1.23	U		**0.12**	**U**	
Ethyl Acetate	141-78-6	**0.08**	U		1.58	U		**0.08**	U		1.58	U		**0.08**	U		0.79	U		**0.08**	**U**		0.79	U		**4.25**		
Acetone	67-64-1	**29.5**		J	31.3	D		**37**		J	40.8	D		87.2	E	J	**68.3**	**D**	J	**27.3**		J	26.3	D		**25.4**		J
Carbon Disulfide	75-15-0	**0.68**			1.49	U		**0.99**			1.49	U		**0.07**	U		0.75	U		**0.5**			0.75	U		**0.07**	**U**	
Methyl tert-Butyl Ether	1634-04-4	**0.09**	U		1.73	U		**0.09**	U		1.73	U		**0.09**	U		0.86	U		**0.09**	**U**		0.86	U		**0.09**	**U**	
Methylene Chloride	75-09-2	**11.9**			27.1	D		**3.72**			1.04	U		**2.12**			12.9	D		**1.88**			0.52	U		**5.18**		
Allyl Chloride	107-05-1	**0.08**	U		1.51	U		**0.08**	U		1.51	U		**0.08**	U		0.76	U		**0.08**	**U**		0.76	U		**0.08**	**U**	
trans-1,2-Dichloroethene	156-60-5	**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		1.35	U		**0.13**	**U**		1.35	U		**0.13**	**U**	
Vinyl Acetate	108-05-4	**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		1.41	U		**0.14**	**U**		1.41	U		**0.14**	**U**	
1,1-Dichloroethane	75-34-3	**0.14**	U		2.75	U		**0.14**	U		2.75	U		**0.14**	U		1.38	U		**0.14**	**U**		1.38	U		**0.14**	**U**	
Cyclohexane	110-82-7	**0.1**	U		2.08	U		**0.1**	U		2.08	U		**0.1**	U		1.04	U		**0.1**	**U**		1.04	U		**0.1**	**U**	
2-Butanone	78-93-3	**5.18**			2.77	U		**13.1**			12.4	D		**9.31**			8.25	D		**5.09**			5.3	JD		**17**		
Carbon Tetrachloride	56-23-5	**0.19**	U		3.78	U		**0.19**	U		3.78	U		**0.19**	U		1.89	U		**0.19**	**U**		1.89	U		**0.19**	**U**	
cis-1,2-Dichloroethene	156-59-2	**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		1.35	U		**0.13**	**U**		1.35	U		**0.13**	**U**	
Chloroform	67-66-3	**0.12**	U		2.34	U		**0.12**	U		2.34	U		**4.67**			1.17	U		**1.9**			1.17	U		**0.68**		
1,4-Dioxane	123-91-1	**1.01**			3.96	U		**0.19**	U		3.96	U		**0.19**	U		1.94	U		**0.19**	**U**		1.94	U		**0.19**	**U**	
1,1,1-Trichloroethane	71-55-6	**20.6**			26.1	D		**18.2**			21.8	D		**7.07**			7.07	D		**9.08**			9.25	D		**1.03**		
Tetrahydrofuran	109-99-9	**0.17**	U		3.53	U		**0.62**			3.53	U		**0.17**	U		1.74	U		**0.17**	**U**		1.74	U		**0.17**	**U**	
2,2,4-Trimethylpentane	540-84-1	**0.14**	U		2.89	U		**0.14**	U		2.89	U		**0.14**	U		1.45	U		**0.14**	**U**		1.45	U		**0.61**		
Benzene	71-43-2	**0.99**			1.6	U		**1.28**			1.6	U		**1.02**			0.8	U		**0.64**			0.8	U		**3.22**		
1,2-Dichloroethane	107-06-2	**0.12**	U		2.43	U		**0.12**	U		2.43	U		**0.12**	U		1.21	U		**0.12**	**U**		1.21	U		**0.12**	**U**	
Trichloroethene	79-01-6	**6.48**			3.86	U		**9.7**			10.7	JD		**0.19**	U		1.93	U		**0.75**			1.93	U		**0.19**	**U**	
1,2-Dichloropropane	78-87-5	**0.23**	U		4.53	U		**0.23**	U		4.53	U		**0.23**	U		2.26	U		**0.23**	**U**		2.26	U		**0.23**	**U**	
Bromodichloromethane	75-27-4	**0.27**	U		5.37	U		**0.27**	U		5.37	U		**0.27**	U		2.68	U		**0.27**	**U**		2.68	U		**0.27**	**U**	
4-Methyl-2-Pentanone	108-10-1	**4.09**			2.13	U		**9.24**			2.13	U		**11.9**			1.06	U		**2.33**			1.06	U		**27.6**		
Toluene	108-88-3	**8.54**		J	7.53	JD		**11.3**		J	9.03	D		**17.3**		J	10.2	D		**3.95**		J	1.66	U		**26**		J
t-1,3-Dichloropropene	10061-02-6	**0.11**	U		2.27	U		**0.11**	U		2.27	U		**0.11**	U		1.13	U		**0.11**	**U**		1.13	U		**0.11**	**U**	
cis-1,3-Dichloropropene	10061-01-5	**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		1.41	U		**0.14**	**U**		1.41	U		**0.14**	**U**	
1,1,2-Trichloroethane	79-00-5	**0.29**	U		5.98	U		**0.29**	U		5.98	U		**0.29**	U		2.94	U		**0.29**	**U**		2.94	U		**0.29**	**U**	
2-Hexanone	591-78-6	**0.09**	U		1.8	U		**0.09**	U		1.8	U		**0.09**	U		0.9	U		**0.09**	**U**		0.9	U		**0.09**	**U**	
Dibromochloromethane	124-48-1	**0.32**	U		6.47	U		**0.32**	U		6.47	U		**0.32**	U		3.23	U		**0.32**	**U**		3.23	U		**0.32**	**U**	
1,2-Dibromoethane	106-93-4	**0.26**	U		5.23	U		**0.26**	U		5.23	U		**0.26**	U		2.61	U		**0.26**	**U**		2.61	U		**0.26**	**U**	
Tetrachloroethene	127-18-4	689	E		**688**	D		686	E		**585**	**D**		**81.1**			67.2	D		147	E		**112**	**D**		**40**		
Chlorobenzene	108-90-7	**0.31**	U		6.01	U		**0.31**	U		6.01	U		**0.31**	U		3.05	U		**0.31**	**U**		3.05	U		**0.31**	**U**	
Ethyl Benzene	100-41-4	**1.13**		J	3.12	U		**1.04**		J	3.12	U		**1.04**		J	1.56	U		**0.43**	**J**	J	1.56	U		**1.95**		J
m/p-Xylene	126777-61-2	**4.6**		J	5.64	U		**3.69**		J	5.64	U		**3.9**		J	2.77	U		**1.47**		J	2.77	U		**5.98**		J
o-Xylene	95-47-6	**1.43**		J	3.47	U		**1.34**		J	3.47	U		**1.91**		J	1.73	U		**0.65**		J	1.73	U		**1.99**		J
Styrene	100-42-5	**0.19**	U		3.74	U		**0.19**	U		3.74	U		**34.2**		J	12.8	D		**1.4**		J	1.87	U		**0.51**		J
Bromoform	75-25-2	**0.25**	U		4.97	U		**0.25**	U		4.97	U		**0.25**	U		2.48	U		**0.25**	**U**		2.48	U		**0.25**	**U**	
1,1,2,2-Tetrachloroethane	79-34-5	**0.45**	U		8.93	U		**0.45**	U		8.93	U		**0.45**	U	J	4.47	U		**0.45**	**U**		4.47	U		**0.45**	**U**	
1,3,5-Trimethylbenzene	108-67-8	**0.83**		J	2.36	U		**0.74**		J	2.36	U		**0.79**		J	1.18	U		**0.12**	**U**		1.18	U		**1.08**		J
1,2,4-Trimethylbenzene	95-63-6	**2.99**		J	3.53	U		**3.34**		J	3.53	U		**2.7**		J	1.77	U		**1.62**		J	1.77	U		**4.12**		J
4-Ethyltoluene	622-96-8	**0.59**			1.47	U		**0.64**			1.47	U		**0.07**	U		0.74	U		**0.49**	**J**		0.74	U		**0.74**		
1,3-Dichlorobenzene	541-73-1	**0.13**	U		2.65	U		**0.13**	U		2.65	U		**0.13**	U	J	1.32	U		**0.13**	**U**		1.32	U		**0.13**	**U**	
1,4-Dichlorobenzene	106-46-7	**0.66**		J	4.09	U		**0.96**		J	4.09	U		**0.84**		J	2.04	U		**0.6**	**J**	J	2.04	U		**0.2**	**U**	
1,2-Dichlorobenzene	95-50-1	**0.25**	U	J	5.05	U		**0.25**	U		5.05	U		**0.25**	U		2.53	U		**0.25**	**U**		2.53	U		**0.25**	**U**	
1,2,4-Trichlorobenzene	120-82-1	**0.89**		J	6.96	U		**1.18**		J	6.96	U		**0.96**		J	3.48	U		**0.96**		J	3.48	U		**1.18**		J
Hexachloro-1,3-Butadiene	87-68-3	**1.71**		BU	8.97	U		**1.81**		BU	8.97	U		**1.81**	BU	J	4.48	U		**2.03**		BU	4.48	U		**2.03**		BU
1,3-Butadiene	106-99-0	**0.09**	U		1.77	U		**0.09**	U		1.77	U		**0.09**	U		0.88	U		**0.09**	**U**		0.88	U		**0.09**	**U**	
Hexane	110-54-3	**3.83**			2.53	U		**3.13**			2.53	U		**0.13**	U		1.27	U		**0.13**	**U**		1.27	U		**2.99**		
Benzyl Chloride	100-44-7	**0.14**	U		2.88	U		**0.14**	U		2.88	U		**0.14**	U		1.44	U		**0.14**	**U**		1.44	U		**0.14**	**U**	
Total Confident Conc. VOC		821.72			801.63			836.14			702.73			281.72			186.72			216.69			152.85			185.06		

Data Validation Soil Vapor Table 2
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID	152059-SV-SV12D		152059-SV-SV5S		152059-SV-SV5SDL		152059-SV-SV5D		152059-SV-SV5DDL		152059-SV-SV10S		152059-SV-SV10SDL		152059-SV-SV10D		152059-SV-SV10DDL		152059-SV-SV4S	
Lab Sample Number	Y2414-06		Y2414-07		Y2414-07DL		Y2414-08		Y2414-08DL		Y2414-09		Y2414-09DL		Y2414-10		Y2414-10DL		Y2414-11	
Sampling Date	04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07	
Matrix	AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR	
Dilution Factor	1.0		1.0		20.0		5.0		20.0		2.0		20.0		5.0		20.0		5.0	
Units	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	

COMPOUND		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab
Dichlorodifluoromethane	2.97			**4.95**			3.56	U		**7.18**			10.9	D		**4.36**			3.56	U		**5.69**		J	3.56	U		**8.41**	
Chloromethane	0.07	U		**0.07**	**U**		1.47	U		**0.37**	**U**		1.47	U		**0.15**	**U**		1.47	U		**0.37**	**U**		1.47	U		**0.37**	**U**
Vinyl Chloride	0.08	U		**0.08**	**U**		1.53	U		**0.38**	**U**		1.53	U		**0.15**	**U**		1.53	U		**0.38**	**U**		1.53	U		**0.38**	**U**
Bromomethane	0.13	U		**0.13**	**U**		2.64	U		**0.66**	**U**		2.64	U		**0.26**	**U**		2.64	U		**0.66**	**U**		2.64	U		**0.66**	**U**
Chloroethane	0.1	U		**0.1**	**U**		2.02	U		**0.51**	**U**		2.02	U		**0.2**	**U**		2.02	U		**0.51**	**U**		2.02	U		**0.51**	**U**
Trichlorofluoromethane	2.97			**11.9**			14.6	D		**15.4**			21.3	D		**12.9**			16.8	D		**12**		J	14.6	D		**12.9**	
Isopropyl Alcohol	0.03	U		**0.03**	**U**		0.59	U		**0.15**	**U**		0.59	U		**0.06**	**U**		0.59	U		**0.15**	**U**		0.59	U		**0.15**	**U**
Dichlorotetrafluoroethane	0.22	U		**0.22**	**U**		4.34	U		**1.12**	**U**		4.34	U		**0.43**	**U**		4.34	U		**1.12**	**U**		4.34	U		**1.12**	**U**
1,1,2-Trichlorotrifluoroethane	0.99		J	**0.84**		J	3.82	U		**0.92**	**U**		3.82	U		**0.38**	**U**		3.82	U		**0.92**	**U**		3.82	U		**0.92**	**U**
Bromoethene	0.11	U		**0.11**	**U**		2.28	U		**0.57**	**U**		2.28	U		**0.23**	**U**		2.28	U		**0.57**	**U**		2.28	U		**0.57**	**U**
Propene	10.4		J	**13.6**		J	21.6	D		**46**		J	62.5	D		**23.2**		J	36.1	D		**60.6**		J	81.1	D		**40.8**	
Heptane	1.15		J	**0.98**		J	3.27	U		**2.25**		J	3.27	U		**2.21**		J	3.27	U		**4.91**		J	3.27	U		**2.86**	
1,1-Dichloroethene	0.12	U		**0.12**	**U**		2.46	U		**0.63**	**U**		2.46	U		**1.75**			2.46	U		**2.38**		J	2.46	U		**0.63**	**U**
Ethyl Acetate	0.08	U		**0.08**	**U**		1.58	U		**0.4**	**U**		1.58	U		**0.16**	**U**		1.58	U		**0.4**	**U**		1.58	U		**0.4**	**U**
Acetone	39.8		J	**29.7**		J	35.1	D		**68.1**		J	87.8	D		**39.6**		J	49.3	D		**52.7**		J	52.2	D		**50.6**	
Carbon Disulfide	0.07	U		**0.07**	**U**		1.49	U		**2.8**			1.49	U		**1.55**			1.49	U		**2.8**			1.49	U		**2.02**	
Methyl tert-Butyl Ether	0.09	U		**21.3**			23	D		**47.5**			53.3	D		**0.17**	**U**		1.73	U		**0.43**	**U**		1.73	U		**0.43**	**U**
Methylene Chloride	13.5			**0.76**			1.04	U		**4.52**			1.04	U		**5.08**			1.04	U		**4.87**		J	1.04	U		**3.82**	
Allyl Chloride	0.08	U		**0.08**	**U**		1.51	U		**0.38**	**U**		1.51	U		**0.15**	**U**		1.51	U		**0.38**	**U**		1.51	U		**0.38**	**U**
trans-1,2-Dichloroethene	0.13	U		**0.13**	**U**		2.7	U		**0.67**	**U**		2.7	U		**0.27**	**U**		2.7	U		**0.67**	**U**		2.7	U		**0.67**	**U**
Vinyl Acetate	0.14	U		**0.14**	**U**		2.81	U		**0.7**	**U**		2.81	U		**0.28**	**U**		2.81	U		**0.7**	**U**		2.81	U		**0.7**	**U**
1,1-Dichloroethane	0.14	U		**0.14**	**U**		2.75	U		**0.69**	**U**		2.75	U		**17**			21.9	D		**17.8**		J	21.1	D		**21.5**	
Cyclohexane	0.1	U		**0.1**	**U**		2.08	U		**0.54**	**U**		2.08	U		**0.21**	**U**		2.08	U		**0.54**	**U**		2.08	U		**0.54**	**U**
2-Butanone	19.5			**18.1**			18.8	D		**37.4**			40	D		**18.7**			20	D		**20.2**		J	23	D		**16**	
Carbon Tetrachloride	0.19	U		**0.19**	**U**		3.78	U		**0.94**	**U**		3.78	U		**0.38**	**U**		3.78	U		**0.94**	**U**		3.78	U		**0.94**	**U**
cis-1,2-Dichloroethene	0.13	U		**0.13**	**U**		2.7	U		**0.67**	**U**		2.7	U		**1.35**		J	2.7	U		**0.67**	**U**		2.7	U		**0.67**	**U**
Chloroform	0.12	U		**0.12**	**U**		2.34	U		**0.58**	**U**		2.34	U		**0.97**	**J**		2.34	U		**0.58**	**U**		2.34	U		**2.68**	
1,4-Dioxane	0.19	U		**0.19**	**U**		3.96	U		**0.97**	**U**		3.96	U		**0.4**	**U**		3.96	U		**0.97**	**U**		3.96	U		**0.97**	**U**
1,1,1-Trichloroethane	0.65			208	E		**239**	**D**		**243**			292	D		649	E		**796**	**D**		604	E	J	**682**	**D**		**183**	
Tetrahydrofuran	0.17	U		**0.17**	**U**		3.53	U		**0.88**	**U**		3.53	U		**0.35**	**U**		3.53	U		**0.88**	**U**		3.53	U		**0.88**	**U**
2,2,4-Trimethylpentane	0.14	U		**0.14**	**U**		2.89	U		**0.75**	**U**		2.89	U		**0.29**	**U**		2.89	U		**0.75**	**U**		2.89	U		**0.75**	**U**
Benzene	2.74			**1.79**			1.6	U		**6.7**			8.93	D		**2.36**			1.6	U		**6.06**		J	7.66	D		**3.83**	
1,2-Dichloroethane	0.12	U		**0.12**	**U**		2.43	U		**0.61**	**U**		2.43	U		**0.24**	**U**		2.43	U		**0.61**	**U**		2.43	U		**0.61**	**U**
Trichloroethene	0.19	U		**11.3**			12.9	D		**20.6**			23.6	D		**108**			119	D		**86**		J	105	D		**4.02**	
1,2-Dichloropropane	0.23	U		**0.23**	**U**		4.53	U		**1.11**	**U**		4.53	U		**0.45**	**U**		4.53	U		**1.11**	**U**		4.53	U		**1.11**	**U**
Bromodichloromethane	0.27	U		**0.27**	**U**		5.37	U		**1.34**	**U**		5.37	U		**0.54**	**U**		5.37	U		**1.34**	**U**		5.37	U		**1.34**	**U**
4-Methyl-2-Pentanone	53.1			**8.75**			2.13	U		**13.5**			2.13	U		**10.6**			2.13	U		**11.9**		J	2.13	U		**9.41**	
Toluene	63		J	**9.67**		J	8.28	D		**18.1**		J	18.8	D		**15.1**		J	11.3	D		**19.9**		J	21.8	D		**16.4**	
t-1,3-Dichloropropene	0.11	U		**0.11**	**U**		2.27	U		**0.54**	**U**		2.27	U		**0.23**	**U**		2.27	U		**0.54**	**U**		2.27	U		**0.54**	**U**
cis-1,3-Dichloropropene	0.14	U		**0.14**	**U**		2.81	U		**0.73**	**U**		2.81	U		**0.28**	**U**		2.81	U		**0.73**	**U**		2.81	U		**0.73**	**U**
1,1,2-Trichloroethane	0.29	U		**0.29**	**U**		5.98	U		**1.47**	**U**		5.98	U		**0.6**	**U**		5.98	U		**1.47**	**U**		5.98	U		**1.47**	**U**
2-Hexanone	1.47			**0.09**	**U**		1.8	U		**0.45**	**U**		1.8	U		**0.18**	**U**		1.8	U		**0.45**	**U**		1.8	U		**0.45**	**U**
Dibromochloromethane	0.32	U		**0.32**	**U**		6.47	U		**1.62**	**U**		6.47	U		**0.65**	**U**		6.47	U		**1.62**	**U**		6.47	U		**1.62**	**U**
1,2-Dibromoethane	0.26	U		**0.26**	**U**		5.23	U		**1.31**	**U**		5.23	U		**0.52**	**U**		5.23	U		**1.31**	**U**		5.23	U		**1.31**	**U**
Tetrachloroethene	15.3			1587	E		**1302**	**D**		2042	E		**2038**	**D**		1817	E		**1765**	**D**		1405	E	J	**1673**	**D**		3128	E
Chlorobenzene	0.31	U		**0.31**	**U**		6.01	U		**1.53**	**U**		6.01	U		**0.6**	**U**		6.01	U		**1.53**	**U**		6.01	U		**1.53**	**U**
Ethyl Benzene	0.87		J	**1.13**		J	3.12	U		**2.6**		J	3.12	U		**2.95**		J	3.12	U		**48.1**		J	58.1	D		**2.17**	**J**
m/p-Xylene	2.21		J	**3.29**		J	5.64	U		**6.94**		J	5.64	U		**6.16**		J	5.64	U		**122**		J	155	D		**4.99**	
o-Xylene	1		J	**1.34**		J	3.47	U		**3.25**		J	3.47	U		**2.6**		J	3.47	U		**51.8**		J	64.2	D		**2.6**	
Styrene	0.55		J	**0.51**		J	3.74	U		**0.94**	**U**		3.74	U		**0.37**	**U**		3.74	U		**0.94**	**U**	J	3.74	U		**4.89**	
Bromoform	0.25	U		**0.25**	**U**		4.97	U		**1.24**	**U**		4.97	U		**0.5**	**U**		4.97	U		**1.24**	**U**		4.97	U		**1.24**	**U**
1,1,2,2-Tetrachloroethane	0.45	U		**0.45**	**U**		8.93	U		**2.2**	**U**		8.93	U		**0.89**	**U**		8.93	U		**2.2**	**U**		8.93	U		**2.2**	**U**
1,3,5-Trimethylbenzene	0.64		J	**1.08**		J	2.36	U		**0.59**	**U**		2.36	U		**4.32**		J	2.36	U		**10.8**		J	2.36	U		**0.59**	**U**
1,2,4-Trimethylbenzene	2.21		J	**4.07**		J	3.53	U		**7.61**		J	3.53	U		**8.05**		J	3.53	U		**16.9**		J	13.7	D		**4.42**	
4-Ethyltoluene	0.59			**0.83**			1.47	U		**0.37**	**U**		1.47	U		**1.87**			1.47	U		**4.42**		J	1.47	U		**0.37**	**U**
1,3-Dichlorobenzene	0.13	U		**0.13**	**U**		2.65	U		**0.66**	**U**		2.65	U		**0.26**	**U**		2.65	U		**0.66**	**U**		2.65	U		**0.66**	**U**
1,4-Dichlorobenzene	0.2	U		**0.2**	**U**		4.09	U		**1.02**	**U**		4.09	U		**0.41**	**U**		4.09	U		**1.02**	**U**		4.09	U		**1.02**	**U**
1,2-Dichlorobenzene	0.25	U		**0.25**	**U**		5.05	U		**1.26**	**U**		5.05	U		**0.51**	**U**		5.05	U		**1.26**	**U**		5.05	U		**1.26**	**U**
1,2,4-Trichlorobenzene	1.18		J	**1.04**		J	6.96	U		**5.18**		J	6.96	U		**2.81**		J	6.96	U		**7.77**		J	6.96	U		**5.18**	
Hexachloro-1,3-Butadiene	1.92		BU	**2.13**		BU	8.97	U		**9.07**		BU	8.97	U		**5.12**		BU	8.97	U		**12.3**		BU	8.97	U		**11.2**	
1,3-Butadiene	0.09	U	J	**0.09**	**U**		1.77	U		**0.44**	**U**		1.77	U		**0.18**	**U**		1.77	U		**0.44**	**U**		1.77	U		**0.44**	**U**
Hexane	6.93			**0.13**	**U**		2.53	U		**5.63**			2.53	U		**0.25**	**U**		2.53	U		**5.98**		J	2.53	U		**4.75**	
Benzyl Chloride	0.14	U		**0.14**	**U**		2.88	U		**0.69**	**U**		2.88	U		**0.29**	**U**		2.88	U		**0.69**	**U**		2.88	U		**0.69**	**U**
Total Confident Conc. VOC	245.64			522.4			1675.28			2615.33			2657.13			2764.61			2835.4			2596.88			2972.46			3546.45	

Data Validation Soil Vapor Table 2
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID	152059-SV-SV4SDL			152059-SV-SV4D			152059-SV-SV4DDL			152059-SV-SV9S			152059-SV-SV9SDL			152059-SV-SV9D			152059-SV-SV9DDL			152059-SV-SV15S			152059-SV-SV15SDL			152059-SV-SV15D
Lab Sample Number	Y2414-11DL			Y2414-12			Y2414-12DL			Y2414-13			Y2414-13DL			Y2414-14			Y2414-14DL			Y2414-15			Y2414-15DL			Y2414-16
Sampling Date	04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07			04/26/07
Matrix	AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR			AIR
Dilution Factor	62.0			5.0			64.0			2.0			20.0			2.0			20.0			1.0			10.0			1.0
Units	ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3			ug/m3

COMPOUND	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV	
Dichlorodifluoromethane		10.89	U		**8.17**			11.38	U		**22.6**			30.7	D		**19.8**			29.7	D		**3.27**			1.78	U		**3.37**
Chloromethane		4.5	U		**0.37**	**U**		4.7	U		**0.15**	**U**		1.47	U		**0.15**	**U**		1.47	U		**0.07**	**U**		0.74	U		**0.07**
Vinyl Chloride		4.86	U		**0.38**	**U**		4.86	U		**0.15**	**U**		1.53	U		**0.15**	**U**		1.53	U		**0.08**	**U**		0.77	U		**0.08**
Bromomethane		8.16	U		**0.66**	**U**		8.55	U		**0.26**	**U**		2.64	U		**0.26**	**U**		2.64	U		**0.13**	**U**		1.32	U		**0.13**
Chloroethane		6.38	U		**0.51**	**U**		6.38	U		**0.2**	**U**		2.02	U		**0.2**	**U**		2.02	U		**0.1**	**U**		1.01	U		**0.1**
Trichlorofluoromethane		9.53	U		**11.2**			10.09	U		**68.8**			89.7	D		**60.3**			81.8	D		**2.86**			1.57	U		**3.25**
Isopropyl Alcohol		1.82	U		**0.15**	**U**		1.89	U		**0.06**	**U**		0.59	U		**0.06**	**U**		0.59	U		**3.34**			0.29	U		**0.03**
Dichlorotetrafluoroethane		13.29	U		**1.12**	**U**		13.99	U		**0.43**	**U**		4.34	U		**0.43**	**U**		4.34	U		**0.22**	**U**		2.17	U		**0.22**
1,1,2-Trichlorotrifluoroethane		12.24	U		**0.92**	**U**		12.24	U		**0.38**	**U**		3.82	U		**1.68**		J	3.82	U		**1.38**		J	1.91	U		**1.07**
Bromoethene		7	U		**0.57**	**U**		7.44	U		**0.23**	**U**		2.28	U		**0.23**	**U**		2.28	U		**0.11**	**U**		1.14	U		**0.11**
Propene	J	55.4	D		**59.4**		J	68.2	D		**25.8**		J	40.9	D		**30.8**		J	48.4	D		**12.7**		J	19.1	D		**26.7**
Heptane	J	10.22	U		**3.48**		J	10.63	U		**2.45**		J	3.27	U		**3.84**		J	3.27	U		**1.64**		J	1.64	U		**3.56**
1,1-Dichloroethene		7.54	U		**0.63**	**U**		7.93	U		**6.03**			7.93	JD		**5.47**			8.73	D		**0.12**	**U**		1.23	U		**0.12**
Ethyl Acetate		5.04	U		**0.4**	**U**		5.04	U		**0.16**	**U**		1.58	U		**0.16**	**U**		1.58	U		**5.76**			0.79	U		**0.08**
Acetone	J	48.5	D		**105**		J	77.4	D		**42.7**		J	54.1	D		**81.2**		J	93	D		**42.2**		J	45.3	D		58
Carbon Disulfide		4.66	U		**5.91**			4.66	U		**0.15**	**U**		1.49	U		**3.42**			1.49	U		**0.07**	**U**		0.75	U		**0.07**
Methyl tert-Butyl Ether		5.4	U		**0.43**	**U**		5.4	U		**0.17**	**U**		1.73	U		**1.15**			1.73	U		**0.09**	**U**		0.86	U		**0.09**
Methylene Chloride		3.23	U		**19.5**			3.34	U		**2.99**			1.04	U		**3.62**			1.04	U		**2.19**			0.52	U		**1.56**
Allyl Chloride		4.72	U		**0.38**	**U**		4.72	U		**0.15**	**U**		1.51	U		**0.15**	**U**		1.51	U		**0.08**	**U**		0.76	U		**0.08**
trans-1,2-Dichloroethene		8.33	U		**0.67**	**U**		8.73	U		**0.27**	**U**		2.7	U		**0.27**	**U**		2.7	U		**0.13**	**U**		1.35	U		**0.13**
Vinyl Acetate		8.79	U		**0.7**	**U**		9.15	U		**0.28**	**U**		2.81	U		**0.28**	**U**		2.81	U		**0.14**	**U**		1.41	U		**0.14**
1,1-Dichloroethane		25.1	JD		**24.1**			25.9	JD		**52.4**			66.4	D		**23**			29.2	D		**0.14**	**U**		1.38	U		**0.14**
Cyclohexane		6.37	U		**0.54**	**U**		6.71	U		**0.21**	**U**		2.08	U		**0.21**	**U**		2.08	U		**0.1**	**U**		1.04	U		**0.1**
2-Butanone		8.54	U		**40.5**			8.83	U		**22**			24.1	D		**23.8**			22.4	D		**13.6**			12.1	D		**17.2**
Carbon Tetrachloride		11.97	U		**0.94**	**U**		11.97	U		**0.38**	**U**		3.78	U		**0.38**	**U**		3.78	U		**0.19**	**U**		1.89	U		**0.19**
cis-1,2-Dichloroethene		8.33	U		**0.67**	**U**		8.73	U		**0.27**	**U**		2.7	U		**0.27**	**U**		2.7	U		**0.13**	**U**		1.35	U		**0.13**
Chloroform		7.3	U		**2.68**			7.3	U		**4.67**			2.34	U		**5.26**			2.34	U		**1.36**			1.17	U		**1.46**
1,4-Dioxane		11.88	U		**0.97**	**U**		12.6	U		**0.4**	**U**		3.96	U		**0.4**	**U**		3.96	U		**0.19**	**U**		1.94	U		**0.19**
1,1,1-Trichloroethane		229	D		**153**			157	D		**1024**	**E**		1459	D		767	E		**972**	**D**		**19.4**			21.8	D		**16.6**
Tetrahydrofuran		10.9	U		**0.88**	**U**		11.19	U		**0.35**	**U**		3.53	U		**0.35**	**U**		3.53	U		**0.17**	**U**		1.74	U		**0.17**
2,2,4-Trimethylpentane		8.86	U		**0.75**	**U**		9.33	U		**0.29**	**U**		2.89	U		**0.29**	**U**		2.89	U		**0.14**	**U**		1.45	U		**0.14**
Benzene		5.1	U		**7.66**			5.1	U		**3**			1.6	U		**4.98**			7.66	D		**3.54**			3.83	D		**5.55**
1,2-Dichloroethane		7.69	U		**0.61**	**U**		7.69	U		**0.24**	**U**		2.43	U		**0.24**	**U**		2.43	U		**0.12**	**U**		1.21	U		**0.12**
Trichloroethene		11.79	U		**3.48**			12.32	U		**159**			186	D		**87.2**			109	D		**1.77**			1.93	U		**2.73**
1,2-Dichloropropane		13.87	U		**1.11**	**U**		14.33	U		**0.45**	**U**		4.53	U		**0.45**	**U**		4.53	U		**0.23**	**U**		2.26	U		**0.23**
Bromodichloromethane		16.77	U		**1.34**	**U**		17.44	U		**0.54**	**U**		5.37	U		**0.54**	**U**		5.37	U		**0.27**	**U**		2.68	U		**0.27**
4-Methyl-2-Pentanone		6.54	U		**130**			6.95	U		**78.8**			70.3	D		**47.8**			39.3	D		**71.8**			56.9	D		**61.4**
Toluene	J	10.16	U		**131**		J	50.6	D		**8.96**		J	9.03	D		**43.9**		J	39.9	D		**66**		J	57.2	D		**59.9**
t-1,3-Dichloropropene		7.26	U		**0.54**	**U**		7.26	U		**0.23**	**U**		2.27	U		**0.23**	**U**		2.27	U		**0.11**	**U**		1.13	U		**0.11**
cis-1,3-Dichloropropene		8.63	U		**0.73**	**U**		9.08	U		**0.28**	**U**		2.81	U		**0.28**	**U**		2.81	U		**0.14**	**U**		1.41	U		**0.14**
1,1,2-Trichloroethane		17.95	U		**1.47**	**U**		19.04	U		**0.6**	**U**		5.98	U		**0.6**	**U**		5.98	U		**0.29**	**U**		2.94	U		**0.29**
2-Hexanone		5.73	U		**0.45**	**U**		5.73	U		**0.18**	**U**		1.8	U		**0.18**	**U**		1.8	U		**0.9**			0.9	U		**0.09**
Dibromochloromethane		20.42	U		**1.62**	**U**		20.42	U		**0.65**	**U**		6.47	U		**0.65**	**U**		6.47	U		**0.32**	**U**		3.23	U		**0.32**
1,2-Dibromoethane		16.15	U		**1.31**	**U**		16.92	U		**0.52**	**U**		5.23	U		**0.52**	**U**		5.23	U		**0.26**	**U**		2.61	U		**0.26**
Tetrachloroethene		**3006**	**D**		3672	E		**2594**	**D**		652	E		**674**	**D**		318	E		**372**	**D**		342	E		**321**	**D**		336
Chlorobenzene		18.95	U		**1.53**	**U**		19.41	U		**0.6**	**U**		6.01	U		**0.6**	**U**		6.01	U		**0.31**	**U**		3.05	U		**0.31**
Ethyl Benzene	J	9.54	U		**2.17**	**J**		9.97	U		**3.03**		J	3.12	U		**3.29**		J	3.12	U		**1.21**		J	1.56	U		**1.99**
m/p-Xylene	J	17.34	U		**4.77**		J	17.78	U		**12.1**		J	5.64	U		**9.1**		J	5.64	U		**2.12**		J	2.77	U		**3.38**
o-Xylene	J	10.84	U		**2.82**		J	11.27	U		**7.54**		J	3.47	U		**4.94**		J	3.47	U		**0.95**		J	1.73	U		**1.73**
Styrene	J	11.48	U		**4.68**		J	11.91	U		**0.94**		J	3.74	U		**1.79**		J	3.74	U		**0.89**		J	1.87	U		**1.11**
Bromoform		15.52	U		**1.24**	**U**		15.52	U		**0.5**	**U**		4.97	U		**0.5**	**U**		4.97	U		**0.25**	**U**		2.48	U		**0.25**
1,1,2,2-Tetrachloroethane		27.48	U		**2.2**	**U**		28.86	U		**0.89**	**U**		8.93	U		**0.89**	**U**		8.93	U		**0.45**	**U**		4.47	U		**0.45**
1,3,5-Trimethylbenzene		7.36	U		**9.08**		J	7.36	U		**13.3**		J	2.36	U		**3.53**		J	2.36	U		**0.12**	**U**		1.18	U		**0.12**
1,2,4-Trimethylbenzene	J	10.8	U		**14.5**		J	11.29	U		**35.4**		J	24.5	D		**10.5**		J	3.53	U		**1.37**		J	1.77	U		**1.37**
4-Ethyltoluene		4.56	U		**4.17**			4.71	U		**5.89**			1.47	U		**1.87**			1.47	U		**0.07**	**U**		0.74	U		**0.49**
1,3-Dichlorobenzene		8.42	U		**0.66**	**U**		8.42	U		**0.26**	**U**		2.65	U		**0.26**	**U**		2.65	U		**0.13**	**U**		1.32	U		**0.13**
1,4-Dichlorobenzene		12.63	U		**1.02**	**U**		13.23	U		**0.41**	**U**		4.09	U		**0.41**	**U**		4.09	U		**0.2**	**U**		2.04	U		**0.2**
1,2-Dichlorobenzene		15.63	U		**1.26**	**U**		16.23	U		**0.51**	**U**		5.05	U		**0.51**	**U**		5.05	U		**0.25**	**U**		2.53	U		**0.25**
1,2,4-Trichlorobenzene	J	21.47	U		**5.55**		J	22.21	U		**3.26**		J	6.96	U		**2.52**		J	6.96	U		**1.41**		J	3.48	U		**1.33**
Hexachloro-1,3-Butadiene	BU	27.75	U		**11.2**		BU	28.82	U		**4.7**		BU	8.97	U		**4.91**		BU	8.97	U		**2.46**		BU	4.48	U		**2.56**
1,3-Butadiene		5.52	U		**0.44**	**U**		5.74	U		**0.18**	**U**		1.77	U		**0.18**	**U**		1.77	U		**0.09**	**U**		0.88	U		**0.09**
Hexane		7.74	U		**11.3**			8.09	U		**4.01**			2.53	U		**4.99**			2.53	U		**4.26**			1.27	U		**5.94**
Benzyl Chloride		9.23	U		**0.69**	**U**		9.23	U		**0.29**	**U**		2.88	U		**0.29**	**U**		2.88	U		**0.14**	**U**		1.44	U		**0.14**
Total Confident Conc. VOC		3364			4447.32			2973.1			2266.37			2736.66			1579.66			1853.09			610.38			537.23			618.25

Data Validation Soil Vapor Table 2
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID	152059-SV-SV15DDL		152059-SV-SV18S		152059-SV-SV18D		152059-SV-SV18DDL		152059-SV-SV20S		152059-SV-SV20SDL		152059-SV-SV20D		152059-SV-SV20DDL	
Lab Sample Number	Y2414-16DL		Y2414-17		Y2414-18		Y2414-18DL		Y2414-19		Y2414-19DL		Y2414-20		Y2414-20DL	
Sampling Date	04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07		04/26/07	
Matrix	AIR		AIR		AIR		AIR		AIR		AIR		AIR		AIR	
Dilution Factor	10.0		1.0		1.0		20.0		1.0		20.0		1.0		20.0	
Units	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	

COMPOUND	Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV	
Dichlorodifluoromethane			1.78	U		4.16			**2.92**			3.56	U		**5.3**			3.56	U		**7.37**			3.56	U	
Chloromethane	U		0.74	U		0.07	U		**1.76**			1.47	U		**0.07**	U		1.47	U		**0.07**	U		1.47	U	
Vinyl Chloride	U		0.77	U		0.08	U		**0.08**	U		1.53	U		**0.08**	U		1.53	U		**0.08**	U		1.53	U	
Bromomethane	U		1.32	U		0.13	U		**0.13**	U		2.64	U		**0.13**	U		2.64	U		**0.13**	U		2.64	U	
Chloroethane	U		1.01	U		0.1	U		**0.1**	U		2.02	U		**0.1**	U		2.02	U		**0.1**	U		2.02	U	
Trichlorofluoromethane			1.57	U		4.93			**2.02**			3.14	U		**5.55**			3.14	U		**6.22**			3.14	U	
Isopropyl Alcohol	U		0.29	U		0.03	U		**9.79**			0.59	U		**0.03**	U		0.59	U		**0.03**	U		0.59	U	
Dichlorotetrafluoroethane	U		2.17	U		0.22	U		**0.22**	U		4.34	U		**0.22**	U		4.34	U		**0.22**	U		4.34	U	
1,1,2-Trichlorotrifluoroethane		J	1.91	U		1.15		J	**0.84**		J	3.82	U		**1.45**		J	3.82	U		**1.22**		J	3.82	U	
Bromoethene	U		1.14	U		0.11	U		**0.11**	U		2.28	U		**0.11**	U		2.28	U		**0.11**	U		2.28	U	
Propene		J	42.8	D		5.5		J	**4.26**		J	1.72	U		**0.09**	U		1.72	U		**23.6**		J	44	D	
Heptane		J	1.64	U		0.65		J	**0.78**		J	3.27	U		**1.23**		J	3.27	U		**2.54**		J	3.27	U	
1,1-Dichloroethene	U		1.23	U		0.12	U		**0.12**	U		2.46	U		**0.12**	U		2.46	U		**0.12**	U		2.46	U	
Ethyl Acetate	U		0.79	U		0.08	U		**0.08**	U		1.58	U		**0.08**	U		1.58	U		**0.08**	U		1.58	U	
Acetone	E	J	**60.3**	**D**	J	22.7		J	272	E	J	**276**	**D**	J	**20.4**		J	28.9	D		51.2	E	J	**55**	**D**	J
Carbon Disulfide	U		0.75	U		0.07	U		**0.07**	U		1.49	U		**0.07**	U		1.49	U		**0.31**	J		1.49	U	
Methyl tert-Butyl Ether	U		0.86	U		0.09	U		**0.09**	U		1.73	U		**0.09**	U		1.73	U		**0.09**	U		1.73	U	
Methylene Chloride			0.52	U		3.65			**12.9**			21.6	D		**2.12**			16	D		**2.22**			15.3	D	
Allyl Chloride	U		0.76	U		0.08	U		**0.08**	U		1.51	U		**0.08**	U		1.51	U		**0.08**	U		1.51	U	
trans-1,2-Dichloroethene	U		1.35	U		0.13	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U	
Vinyl Acetate	U		1.41	U		0.14	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U	
1,1-Dichloroethane	U		1.38	U		0.14	U		**0.14**	U		2.75	U		**0.14**	U		2.75	U		**0.14**	U		2.75	U	
Cyclohexane	U		1.04	U		0.1	U		**0.1**	U		2.08	U		**0.1**	U		2.08	U		**0.1**	U		2.08	U	
2-Butanone			15.3	D		6.1			**6.39**			2.77	U		**7.01**			2.77	U		**15.5**			17.7	D	
Carbon Tetrachloride	U		1.89	U		0.19	U		**0.69**			3.78	U		**0.19**	U		3.78	U		**0.19**	U		3.78	U	
cis-1,2-Dichloroethene	U		1.35	U		0.13	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U		**0.13**	U		2.7	U	
Chloroform			1.17	U		0.12	U		**0.12**	U		2.34	U		**0.58**			2.34	U		**0.63**			2.34	U	
1,4-Dioxane	U		1.94	U		0.19	U		**0.19**	U		3.96	U		**0.19**	U		3.96	U		**0.19**	U		3.96	U	
1,1,1-Trichloroethane			19	D		0.92			**1.31**			2.39	U		**12**			15.2	D		**21.5**			26.1	D	
Tetrahydrofuran	U		1.74	U		0.17	U		**0.17**	U		3.53	U		**0.17**	U		3.53	U		**0.17**	U		3.53	U	
2,2,4-Trimethylpentane	U		1.45	U		0.14	U		**0.14**	U		2.89	U		**1.54**			2.89	U		**0.14**	U		2.89	U	
Benzene			6.38	D		1.4			**0.99**			1.6	U		**2.33**			1.6	U		**3.92**			1.6	U	
1,2-Dichloroethane	U		1.21	U		0.12	U		**0.12**	U		2.43	U		**0.12**	U		2.43	U		**0.12**	U		2.43	U	
Trichloroethene			1.93	U		0.19	U		**0.19**	U		3.86	U		**0.59**			3.86	U		**1.34**			3.86	U	
1,2-Dichloropropane	U		2.26	U		0.23	U		**0.23**	U		4.53	U		**0.23**	U		4.53	U		**0.23**	U		4.53	U	
Bromodichloromethane	U		2.68	U		0.27	U		**0.27**	U		5.37	U		**0.27**	U		5.37	U		**0.27**	U		5.37	U	
4-Methyl-2-Pentanone			47	D		6.46			**3.64**			2.13	U		**10.2**			2.13	U		**10.2**			2.13	U	
Toluene		J	59.5	D		10.4		J	**7.53**		J	3.31	U		**11.7**		J	9.78	D		**13.5**		J	11.3	D	
t-1,3-Dichloropropene	U		1.13	U		0.11	U		**0.11**	U		2.27	U		**0.11**	U		2.27	U		**0.11**	U		2.27	U	
cis-1,3-Dichloropropene	U		1.41	U		0.14	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U		**0.14**	U		2.81	U	
1,1,2-Trichloroethane	U		2.94	U		0.29	U		**0.29**	U		5.98	U		**0.29**	U		5.98	U		**0.29**	U		5.98	U	
2-Hexanone	U		0.9	U		0.09	U		**0.09**	U		1.8	U		**0.09**	U		1.8	U		**0.09**	U		1.8	U	
Dibromochloromethane	U		3.23	U		0.32	U		**0.32**	U		6.47	U		**0.32**	U		6.47	U		**0.32**	U		6.47	U	
1,2-Dibromoethane	U		2.61	U		0.26	U		**0.26**	U		5.23	U		**0.26**	U		5.23	U		**0.26**	U		5.23	U	
Tetrachloroethene	E		**299**	**D**		14.5			**2.78**			5.3	U		260	E		**234**	**D**		396	E		**353**	**D**	
Chlorobenzene	U		3.05	U		0.31	U		**0.31**	U		6.01	U		**0.31**	U		6.01	U		**0.31**	U		6.01	U	
Ethyl Benzene		J	1.56	U		0.56		J	**0.48**		J	3.12	U		**0.48**		J	3.12	U		**1**		J	3.12	U	
m/p-Xylene		J	2.77	U		1.04		J	**0.95**		J	5.64	U		**1**		J	5.64	U		**2.47**		J	5.64	U	
o-Xylene		J	1.73	U		0.65		J	**0.48**		J	3.47	U		**0.43**	J	J	3.47	U		**0.91**		J	3.47	U	
Styrene		J	1.87	U		0.51		J	**0.19**	U		3.74	U		**0.19**	U		3.74	U		**0.72**		J	3.74	U	
Bromoform	U		2.48	U		0.25	U		**0.25**	U		4.97	U		**0.25**	U		4.97	U		**0.25**	U		4.97	U	
1,1,2,2-Tetrachloroethane	U		4.47	U		0.45	U		**0.45**	U		8.93	U		**0.45**	U	J	8.93	U		**0.45**	U		8.93	U	
1,3,5-Trimethylbenzene	U		1.18	U		0.12	U		**0.12**	U		2.36	U		**0.12**	U	J	2.36	U		**0.12**	U		2.36	U	
1,2,4-Trimethylbenzene		J	1.77	U		0.74		J	**1.08**		J	3.53	U		**0.59**		J	3.53	U		**1.37**		J	3.53	U	
4-Ethyltoluene	J		0.74	U		0.07	U		**0.07**	U		1.47	U		**0.07**	U		1.47	U		**0.07**	U		1.47	U	
1,3-Dichlorobenzene	U		1.32	U		0.13	U		**0.13**	U		2.65	U		**0.13**	U		2.65	U		**0.13**	U		2.65	U	
1,4-Dichlorobenzene	U		2.04	U		0.2	U		**0.2**	U		4.09	U		**0.2**	U		4.09	U		**0.2**	U		4.09	U	
1,2-Dichlorobenzene	U		2.53	U		0.25	U		**0.25**	U		5.05	U		**0.25**	U		5.05	U		**0.25**	U		5.05	U	
1,2,4-Trichlorobenzene		J	3.48	U		1.48		J	**1.41**		J	6.96	U		**1.33**		J	6.96	U		**1.11**		J	6.96	U	
Hexachloro-1,3-Butadiene		BU	4.48	U		2.46		BU	**2.67**		BU	8.97	U		**2.13**		BU	8.97	U		**2.35**		BU	8.97	U	
1,3-Butadiene	U		0.88	U		0.09	U		**0.09**	U		1.77	U		**0.09**	U		1.77	U		**0.09**	U		1.77	U	
Hexane			1.27	U		2.6			**4.43**			2.53	U		**7.49**			2.53	U		**5.14**			2.53	U	
Benzyl Chloride	U		1.44	U		0.14	U		**0.14**	U		2.88	U		**0.14**	U		2.88	U		**0.14**	U		2.88	U	
Total Confident Conc. VOC			549.28			92.56			342.1			297.6			355.45			303.88			572.34					

SUMMARY OF THE ANALYTICAL DATA USABILITY
Spectrum Finishing Corp
D006131-1

Water Metals Organic Analyses
Samples Collected April 24, 2007
Samples Received April 25, 2007
Sample Delivery Group: Y2464
Laboratory Reference Numbers:

152059-GW-MW3S	Y2464-01
152059-GW-MW13ST	Y2464-02
152059-GW-MW4S	Y2464-03
152059-GW-MW41S	Y2464-04
152059-GW-MW6S	Y2464-05
152059-GW-MW12S	Y2464-06
152059-GW-MW14S	Y2464-07
152059-GW-MW1S	Y2464-08
152059-GW-MW1S MS	Y2464-09
152059-GW-MW1S MSD	Y2464-10
152059-GW-MW11S	Y2464-11
152059-GW-MW2	Y2464-12
152059-GW-MW7S	Y2464-13
152059-TB1	Y2464-14

Water samples were received for total metals analyses by NYS DEC ASP protocols. A complete analytical validation was performed based upon the following parameters:

- Data Completeness
* - Holding Times
* - Calibration Verification
* - CRDL Standard
* - Laboratory Control Sample
* - Serial Dilutions
* - Calibration Blanks
- Field Blank
- Equipment Blank
* - Preparation Blanks
* - Matrix Spike
* - Duplicate Analyses
* - ICP Interference Check Sample
- Detection Limit Results
* - Linear Range
- Sample Results

* - Indicates that all criteria were met for this parameter.

Data Validation Summary

The date of the instrument detection limits was not noted.

The laboratory used the “J” qualifier to note results between the instrument detection limit and the CRDL as opposed to the “B qualifier designated by the NYS DEC ASO program.

No other problems were found that would significantly affect the end use of the data. Minor issues that affect the data are noted below.

Holding Times

All parameters were analyzed within the required holding times.

CRDL Standards

The recoveries of all required CRDL standards were within the 80% to 120% quality assurance limits.

Initial and Continuing Calibrations

No problems were detected with any of the calibrations associated with this sample delivery group.

Preparation Blank

No compounds were detected in the soil and water preparation blanks associated with the digestions of these samples at concentrations above the CRDL. Several analytes were found in the preparation blank at concentrations between the CRDL and instrument detection limit. These very low concentrations are not required to be noted in the data validation summary table.

Calibration Blanks

Several analytes were found in the continuing calibration blanks at concentrations between the CRDL and instrument detection limit. These very low concentrations are not required to be noted in the data validation summary table and do not affect the end use of the data.

Field Blank

A field blank was not analyzed with this sample delivery group.

ICP Interference Check Sample

No problems were detected with the reported ICP Interference Check Sample recoveries. All recoveries were within the 80% - 120% quality assurance limits.

Matrix Spike Recovery

Sample152059-GW-MW1S (Y2464-08) was used as the matrix spike as well as a matrix spike duplicate. All of the recoveries which could be accurately calculated were within the required 75% - 125% quality control limits.

Duplicate Analysis

Sample152059-GW-MW1S (Y2464-08) was used as the matrix spike duplicate. All of the relative percent differences which could be accurately calculated were less than 20%.

Laboratory Control Sample

No problems were detected with the recoveries of the laboratory control standards. All recoveries were within the 80% - 120% quality control limits.

Serial Dilutions

Sample152059-GW-MW1S (Y2464-08) was used as the serial dilution. All of the percent differences which could be accurately calculated were less than 10%.

Instrument Detection Limit

The date of the determination of the instrument detection limits was not noted

ICP Linear Ranges

No problems were found with the linear ranges.

Sample Results

Sample 152059-GW-MW3S (Y2464-01) was labeled Y2461-14 in the raw data (page 127). This sample was really a trip blank that was not analyzed for an inorganic fraction.

No other problems were detected with any of these samples.

Data Validation Groundwater Summary Table
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID		152059-GW-MW3S			152059-GW-MW13ST			152059-GW-MW4S			152059-GW-MW41S			152059-GW-MW6S			152059-GW-MW12S			152059-GW-MW14S			152059-GW-MW1S			152059-GW-MW11S			152059-GW-MW2			152059-GW-MW7S
Lab Sample Number		Y2464-01			Y2464-02			Y2464-03			Y2464-04			Y2464-05			Y2464-06			Y2464-07			Y2464-08			Y2464-11			Y2464-12			Y2464-13
Sampling Date		04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07
Matrix		WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER
Dilution Factor		1.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0
Units		ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L
COMPOUND	CAS #		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab
Mercury	7439-97-6	0.11	U		0.34			0.11	U		0.11	U		0.11	U		0.11	U		0.12	J		0.12	J		0.11	U		0.11	U		0.11	U
Aluminum	7429-90-5	2920			16800			943			650			141			146			69.6			2830			272			225			57.9	
Antimony	7440-36-0	9.940	J		3.100	U		3.100	U		3.100	U		3.100	U		3.100	U		3.100	U		3.100	U		5.670	J		3.100	U		3.100	U
Arsenic	7440-38-2	4.910	J		18.5			3.100	U		5.170	J		5.420	J		3.990	J		5.610	J		4.270	J		7.980	J		4.910	J		5.980	J
Barium	7440-39-3	46.3	J		121			70.3			59.8			42.5	J		62.5			53.3			52.7			84.1			33.4	J		50.1	
Beryllium	7440-41-7	0.270	J		1.440	J		0.230	J		0.210	J		0.120	J		0.210	J		0.190	J		0.430	J		0.430	J		0.290	J		0.130	J
Cadmium	7440-43-9	12.4			5.320			1270			1140			311			381			63.8			22.9			2.400	J		4.610			4.080	
Calcium	7440-70-2	18600			55300			19500			16800			14800			19900			21300			42700			19500			14800			29100	
Chromium	7440-47-3	63.2			91.4			14.4			9.480			186			9.760			2.490	J		5.710			5.710			5.860			17.4	
Cobalt	7440-48-4	1.630	J		18.4			3.400	J		3.350	J		2.030	J		3.890	J		1.300	U		2.890	J		2.290	J		1.710	J		1.300	U
Copper	7440-50-8	125			36.0			536			454			9.830	J		17.6			5.480	J		118			7.060	J		35.0			13.0	
Iron	7439-89-6	2760			23100			774			292			201			121			126			1240			371			666			341	
Lead	7439-92-1	21.7			12.9			13.2			6.570			1.900	U		1.900	U		1.900	U		27.8			2.390	J		55.2			2.290	J
Magnesium	7439-95-4	3600			9820			3960			3340			2890			3980			4320			4490			3480			2980			3560	
Manganese	7439-96-5	105			1740			228			196			56.4			122			16.2			190			52.0			142			4.030	J
Nickel	7440-02-0	16.0	J		75.2			292			263			199			431			11.4	J		12.4	J		6.960	J		6.370	J		5.410	J
Potassium	7440-09-7	1990			7950			3250			2810			2100			2740			3140			7230			2610			2110			2140	
Selenium	7782-49-2	4.100	J		2.680	J		3.000	J		2.100	U		3.160	J		3.180	J		3.610	J		5.610	J		3.300	J		5.380	J		3.970	J
Silver	7440-22-4	2.140	J		1.680	J		1.340	J		1.930	J		0.730	J		1.830	J		1.790	J		1.160	J		3.390	J		2.050	J		1.150	J
Sodium	7440-23-5	8090			58300			13500			11900			13500			15800			14200			20900			11300			9260			7920	
Thallium	7440-28-0	7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U		7.500	U
Vanadium	7440-62-2	3.030	J		23.2			2.270	J		1.350	J		1.000	U		1.510	J		1.000	U		1.000	U		2.140	J		1.000	J		1.460	J
Zinc	7440-66-6	950			117			203			177			77.8			181			46.4			198			53.4			95.2			54.2	

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

SUMMARY OF THE ANALYTICAL DATA USABILITY
Spectrum Finishing Corp
D006131-1

Water Volatile Organic Analyses
Samples Collected April 24, 2007
Samples Received April 25, 2007
Sample Delivery Group: Y2464
Laboratory Reference Numbers:

152059-GW-MW3S	Y2464-01
152059-GW-MW13ST	Y2464-02
152059-GW-MW4S	Y2464-03
152059-GW-MW41S	Y2464-04
152059-GW-MW6S	Y2464-05
152059-GW-MW6S DL	Y2464-05 DL
152059-GW-MW12S	Y2464-06
152059-GW-MW14S	Y2464-07
152059-GW-MW1S	Y2464-08
152059-GW-MW1S MS	Y2464-09
152059-GW-MW1S MSD	Y2464-10
152059-GW-MW11S	Y2464-11
152059-GW-MW2	Y2464-12
152059-GW-MW7S	Y2464-13
152059-TB1	Y2464-14

VOLATILE ORGANICS
INITIAL CALIBRATION

Instrument ID: **MSVOAD**
Level: Low
Tune File ID: **VD010017.D** **Acceptable:** Yes **Time Requirements Met:** Yes
Initial Calibration File ID: **VD010018.D** **Date:** 4/16/2007 **Page:** 131
Associated Samples: QC-01, -14, -01, -02, -04, -05, -06, -07, -08, -11, -12, -13, QC-02, -03

	QC %RSD	STD %RSD	QC RRF	STD RRF		QC %RSD	STD %RSD	QC RRF	STD RRF
Dichlorodifluoromethane	<30	33%	>0.050		2,2,4-Trimethylpentane	<30		>0.050	
Chloromethane	<30		>0.050		Benzene	<30		>0.050	
Vinyl Chloride	<30		>0.050		1,2-Dichloropropane	<30		>0.050	
Bromomethane	<30		>0.050		Bromodichloromethane	<30		>0.050	
Chloroethane	<30		>0.050		4-Methyl-2-Pentanone	<30		>0.010	
Trichlorofluoromethane	<30		>0.050		Toluene	<30		>0.050	
1,1,2-Trichlorotrifluoroethane	<30		>0.050		trans-1,3-Dichloropropene	<30		>0.050	
Dichlorotetrafluoroethane	<30		>0.050		cis-1,3-Dichloropropene	<30		>0.050	
1,1,2-Trichloroethene	<30		>0.050		1,1,2-Trichloroethene	<30		>0.010	
Bromoethene	<30		>0.050		2-Hexanone	<30		>0.050	
Propene	<30		>0.050		Dibromochloromethane	<30		>0.050	
Heptane	<30		>0.050		1,2-Dibromoethane	<30		>0.010	
1,1-Dichloroethene	<30		>0.050		Tetrachloroethene	<30		>0.050	
Ethyl Acetate	<30		>0.050		Chlorobenzene	<30		>0.050	
Acetone	<30		>0.050	0.028	Ethyl Benzene	<30		>0.010	
Carbon Disulfide	<30		>0.050		m/p-Xylene	<30		>0.050	
Methyl tert butyl Ether	<30		>0.050		o-Xylene	<30		>0.050	
Methylene Chloride	<30		>0.050		Styrene	<30		>0.050	
Allyl Clhoride	<30		>0.050		Bromoform	<30		>0.010	
trans-1,2-Diclhoroethene	<30		>0.050		1,1,2,2-Tetrachloroethane	<30		>0.050	
Vinyl Acetate	<30		>0.050		1,3,5-Trimethylbenzene	<30		>0.050	
1,1-Dichloroethane	<30		>0.050		1,2,4-Trimethylbenzene	<30		>0.050	
Cyclohexane	<30		>0.050		4-Ethyltoluene	<30		>0.050	
2-Butanone	<30		>0.050		1,3-Dichlorobenzene	<30		>0.010	
Carbon Tetrachloride	<30		>0.050		1,4-Dichlorobenzene	<30		>0.050	
cis-1,2-Dichloroethene	<30		>0.050		1,2-Dichlorobenzene	<30		>0.010	
Chloroform	<30		>0.050		1,2,4-Trichlorobenzene	<30		>0.010	
1,4-Dioxane	<30		>0.050		Hexachloro-1,3-Butadiene	<30		>0.010	
1,1,1-Trichloroethane	<30		>0.050		1,3-Butadiene	<30		>0.010	
Tetrahydrofuran	<30		>0.050		Hexane	<30		>0.010	
2,2,4-Trimethylpentane	<30		>0.050		Benzyl Chloride	<30		>0.010	
Benzene	<30		>0.050						

All TCL Compounds Average RRF > 0.050: No

All TCL Compounds %D < QC Limit: No
TCL Compounds %D between 30% and 60% (J - qualify) Only if detected in a sample
TCL Compounds %D between 60% and 90% (J - qualify) N/A
TCL Compounds %D > 90% (R - reject undetected / J - detected) N/A

CALIBRATION VERIFICATION:

Compound Trichloroethene					Tetrachloroethene			
	Area x	**Area IS**	**calc rrf**	**Rprtd rrf**	**Area x**	**Area IS**	**calc rrf**	**Rprtd rrf**
PPB								
5	28,852	837,605	0.344	0.344	41,171	967,031	0.426	0.426
10	47,439	805,455	0.294	0.294	62,671	948,729	0.330	0.330
20	101,038	854,951	0.295	0.295	117,632	969,925	0.303	0.303
50	254,723	836,661	0.304	0.304	300,636	1,011,717	0.297	0.297
75	328,555	807,663	0.271	0.271	520,580	946,613	0.367	0.367
100	493,661	831,324	0.297	0.297	803,540	958,437	0.419	0.419
Average			0.301	0.301			0.357	0.357
			Calc	**Reported**			**Calc**	**Reported**
%RSD			7.97%	7.97%			15.78%	15.78%

VOLATILE ORGANICS
CONTINUING CALIBRATION

Instrument ID: **MSVOAD**
Level: Low
Tune File ID: **VD010296.D** **Acceptable:** Yes **Time Requirements Met:** Yes
Calibration File ID: **VD010297.D** **Date:** 4/26/2007 **Page:** 316
Initial Calibration File ID: **VD010018.D** **Date:** 4/16/2007 **Page:** 131
Associated Samples: QC-01, -14, -01, -02, -04, -05, -06, -07, -08, -11, -12, -13

COMPOUND LIST

	QC %RSD	STD %RSD	QC RRF	STD RRF		QC %RSD	STD %RSD	QC RRF	STD RRF
Dichlorodifluoromethane	<25		>0.050		2,2,4-Trimethylpentane	<25		>0.050	
Chloromethane	<25		>0.050		Benzene	<25		>0.050	
Vinyl Chloride	<25		>0.050		1,2-Dichloropropane	<25		>0.050	
Bromomethane	<25	27%	>0.050		Bromodichloromethane	<25		>0.050	
Chloroethane	<25		>0.050		4-Methyl-2-Pentanone	<25		>0.050	
Trichlorofluoromethane	<25		>0.050		Toluene	<25		>0.050	
Isopropyl Alcohol	<25		>0.050		trans-1,3-Dichloropropene	<25		>0.050	
Dichlorotetrafluoroethane	<25		>0.050		cis-1,3-Dichloropropene	<25		>0.050	
1,1,2-Trichloroethene	<25		>0.050		1,1,2-Trichloroethene	<25		>0.050	
Bromoethene	<25		>0.050		2-Hexanone	<25		>0.050	
Propene	<25		>0.050		Dibromochloromethane	<25		>0.050	
Heptane	<25		>0.050		1,2-Dibromoethane	<25		>0.050	
1,1-Dichloroethene	<25		>0.050		Tetrachloroethene	<25		>0.050	
Ethyl Acetate	<25		>0.050		Chlorobenzene	<25		>0.050	
Acetone	<25		>0.050	0.034	Ethyl Benzene	<25		>0.050	
Carbon Disulfide	<25		>0.050		m/p-Xylene	<25		>0.050	
Methyl tert butyl Ether	<25		>0.050		o-Xylene	<25		>0.050	
Methylene Chloride	<25		>0.050		Styrene	<25		>0.050	
Allyl Clhoride	<25		>0.050		Bromoform	<25		>0.050	
trans-1,2-Diclhoroethene	<25		>0.050		1,1,2,2-Tetrachloroethane	<25		>0.050	
Vinyl Acetate	<25		>0.050		1,3,5-Trimethylbenzene	<25		>0.050	
1,1-Dichloroethane	<25		>0.050		1,2,4-Trimethylbenzene	<25		>0.050	
Cyclohexane	<25		>0.050		4-Ethyltoluene	<25		>0.050	
2-Butanone	<25		>0.050		1,3-Dichlorobenzene	<25		>0.050	
Carbon Tetrachloride	<25	26%	>0.050		1,4-Dichlorobenzene	<25		>0.050	
cis-1,2-Dichloroethene	<25		>0.050		1,2-Dichlorobenzene	<25		>0.050	
Chloroform	<25		>0.050		1,2,4-Trichlorobenzene	<25		>0.050	
1,4-Dioxane	<25		>0.050		Hexachloro-1,3-Butadiene	<25		>0.050	
1,1,1-Trichloroethane	<25		>0.050		1,3-Butadiene	<25		>0.050	
Tetrahydrofuran	<25		>0.050		Hexane	<25		>0.050	
2,2,4-Trimethylpentane	<25		>0.050		Benzyl Chloride	<25		>0.050	
Benzene	<25		>0.050						

All TCL Compounds Average RRF > 0.050: No

All TCL Compounds %D < QC Limit: No

TCL Compounds %D between 25% and 50% (J - qualify)	Only if detected in a sample
TCL Compounds %D between 50% and 90% (J - qualify)	N/A
TCL Compounds %D > 90% (R - reject undetected / J - detected)	N/A

CALIBRATION VERIFICATION:

Compound Chloroform					Styrene			
	Area x	**Area IS**	**calc rrf**	**Rprtd rrf**	**Area x**	**Area IS**	**calc rrf**	**Rprtd rrf**
PPB								
50	669,674	646,070	1.037	1.037	839,082	1,131,935	0.741	0.741
% D		**Avg RRF**	**% D Calc**	**% D Reported**		**Avg RRF**	**% D Calc**	**% D Reported**
		0.946	9.57	9.60		0.778	-4.72	4.80

VOLATILE ORGANICS
CONTINUING CALIBRATION

Instrument ID: MSVOAD
Level: Low
Tune File ID: VD010321.D **Acceptable:** Yes **Time Requirements Met:** Yes
Calibration File ID: VD010323.D **Date:** 4/27/2007 **Page:** 331
Initial Calibration File ID: VD010018.D **Date:** 4/16/2007 **Page:** 131
Associated Samples: QC-02, -03

COMPOUND LIST

	QC %RSD	STD %RSD	QC RRF	STD RRF		QC %RSD	STD %RSD	QC RRF	STD RRF
Dichlorodifluoromethane	<25		>0.050		2,2,4-Trimethylpentane	<25		>0.050	
Chloromethane	<25		>0.050		Benzene	<25		>0.050	
Vinyl Chloride	<25		>0.050		1,2-Dichloropropane	<25		>0.050	
Bromomethane	<25		>0.050		Bromodichloromethane	<25		>0.050	
Chloroethane	<25		>0.050		4-Methyl-2-Pentanone	<25		>0.050	
Trichlorofluoromethane	<25		>0.050		Toluene	<25		>0.050	
Isopropyl Alcohol	<25		>0.050		trans-1,3-Dichloropropene	<25		>0.050	
Dichlorotetrafluoroethane	<25		>0.050		cis-1,3-Dichloropropene	<25		>0.050	
1,1,2-Trichloroethene	<25		>0.050		1,1,2-Trichloroethene	<25		>0.050	
Bromoethene	<25		>0.050		2-Hexanone	<25		>0.050	
Propene	<25		>0.050		Dibromochloromethane	<25		>0.050	
Heptane	<25		>0.050		1,2-Dibromoethane	<25		>0.050	
1,1-Dichloroethene	<25		>0.050		Tetrachloroethene	<25		>0.050	
Ethyl Acetate	<25		>0.050		Chlorobenzene	<25		>0.050	
Acetone	<25		>0.050	0.034	Ethyl Benzene	<25		>0.050	
Carbon Disulfide	<25		>0.050		m/p-Xylene	<25		>0.050	
Methyl tert butyl Ether	<25		>0.050		o-Xylene	<25		>0.050	
Methylene Chloride	<25		>0.050		Styrene	<25		>0.050	
Allyl Clhoride	<25		>0.050		Bromoform	<25		>0.050	
trans-1,2-Diclhoroethene	<25		>0.050		1,1,2,2-Tetrachloroethane	<25		>0.050	
Vinyl Acetate	<25		>0.050		1,3,5-Trimethylbenzene	<25		>0.050	
1,1-Dichloroethane	<25		>0.050		1,2,4-Trimethylbenzene	<25		>0.050	
Cyclohexane	<25		>0.050		4-Ethyltoluene	<25		>0.050	
2-Butanone	<25		>0.050		1,3-Dichlorobenzene	<25		>0.050	
Carbon Tetrachloride	<25	26%	>0.050		1,4-Dichlorobenzene	<25		>0.050	
cis-1,2-Dichloroethene	<25		>0.050		1,2-Dichlorobenzene	<25		>0.050	
Chloroform	<25		>0.050		1,2,4-Trichlorobenzene	<25		>0.050	
1,4-Dioxane	<25		>0.050		Hexachloro-1,3-Butadiene	<25		>0.050	
1,1,1-Trichloroethane	<25		>0.050		1,3-Butadiene	<25		>0.050	
Tetrahydrofuran	<25		>0.050		Hexane	<25		>0.050	
2,2,4-Trimethylpentane	<25		>0.050		Benzyl Chloride	<25		>0.050	
Benzene	<25		>0.050						

All TCL Compounds Average RRF > 0.050: No

All TCL Compounds %D < QC Limit: No

	Only if detected in a sample
TCL Compounds %D between 25% and 50% (J - qualify)	N/A
TCL Compounds %D between 50% and 90% (J - qualify)	N/A
TCL Compounds %D > 90% (R - reject undetected / J - detected)	N/A

CALIBRATION VERIFICATION:

Compound	Trichloroethene				Styrene			
	Area x	**Area IS**	**calc rrf**	**Rprtd rrf**	**Area x**	**Area IS**	**calc rrf**	**Rprtd rrf**
PPB								
5	344,434	904,105	0.381	0.381	1,081,753	904,105	1.196	1.196
% D		**Avg RRF**	**% D Calc**	**% D Reported**		**Avg RRF**	**% D Calc**	**% D Reported**
		0.366	4.09	4.10		1.126	6.26	6.20

Data Validation Groundwater Summary Table - VOCs
Spectrum Finishing Corporation - Site No. 152059
Babylon, New York

Sample ID		MW3S			MW13ST			MW4S			MW41S			MW6S			MW6SDL			MW12S			MW14S			MW1S			MW11S			MW2			MW7S			TB1	
Lab Sample Number		Y2464-01			Y2464-02			Y2464-03			Y2464-04			Y2464-05			Y2464-05DL			Y2464-06			Y2464-07			Y2464-08			Y2464-11			Y2464-12			Y2464-13			Y2464-14	
Sampling Date		04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07			04/24/07	
Matrix		WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER			WATER	
Dilution Factor		1.0			1.0			1.0			1.0			1.0			4.0			1.0			1.0			1.0			1.0			1.0			1.0			1.0	
Units		ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L			ug/L	
COMPOUND	CAS #		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab	DV		Lab
Dichlorodifluoromethane	75-71-8	0.17	U		0.17	U		0.17	U		0.17	U		**0.17**	**U**		0.68	U	R	0.17	U		0.17	U		0.17	U		0.17	U		0.17	U		0.17	U		0.17	U
Chloromethane	74-87-3	0.34	U		0.34	U		0.34	U		0.34	U		**0.34**	**U**		1.4	U	R	0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U
Vinyl Chloride	75-01-4	0.33	U		0.33	U		0.33	U		0.33	U		**0.33**	**U**		1.3	U	R	0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U
Bromomethane	74-83-9	0.41	U		0.41	U		0.41	U		0.41	U		**0.41**	**U**		1.6	U	R	0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U
Chloroethane	75-00-3	0.83	U		0.83	U		0.83	U		0.83	U		**0.83**	**U**		3.3	U	R	0.83	U		0.83	U		0.83	U		0.83	U		0.83	U		0.83	U		0.83	U
Trichlorofluoromethane	75-69-4	0.22	U		0.22	U		0.22	U		0.22	U		**0.22**	**U**		0.88	U	R	0.22	U		0.22	U		0.22	U		0.22	U		0.22	U		0.22	U		0.22	U
1,1,2-Trichlorotrifluoroethane	76-13-1	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U	J	**1.3**	**U**	J	5.2	U	R	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U	J	1.3	U
1,1-Dichloroethene	75-35-4	0.42	U		0.42	U		0.42	U		0.42	U		**0.42**	**U**		1.7	U	R	0.42	U		0.42	U		0.42	U		0.42	U		0.42	U		0.42	U		0.42	U
Acetone	67-64-1	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U	J	**2.3**	**U**	J	9.0	U	R	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U	J	2.3	U
Carbon Disulfide	75-15-0	0.40	U		0.40	U		0.40	U		0.40	U		**0.40**	**U**		1.6	U	R	0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U
Methyl tert-butyl Ether	1634-04-4	0.28	U		0.28	U		0.28	U		0.28	U		**0.28**	**U**		1.1	U	R	0.28	U		0.28	U		0.28	U		0.28	U		0.28	U		0.28	U		0.28	U
Methyl Acetate	79-20-9	0.20	U		0.20	U		0.20	U		0.20	U		**0.20**	**U**		0.81	U	R	0.20	U		0.20	U		0.20	U		0.20	U		0.20	U		0.20	U		0.20	U
Methylene Chloride	75-09-2	0.43	U		0.43	U		0.43	U		0.43	U		**0.43**	**U**		1.7	U	R	0.43	U		0.43	U		0.43	U		0.43	U		0.43	U		0.43	U		0.43	U
trans-1,2-Dichloroethene	156-60-5	0.40	U		0.40	U		0.40	U		0.40	U		**0.40**	**U**		1.6	U	R	0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U
1,1-Dichloroethane	75-34-3	0.38	U		0.38	U		0.38	U		0.38	U		**0.38**	**U**		1.5	U	R	0.38	U		0.38	U		0.38	U		0.38	U		0.38	U		0.38	U		0.38	U
Cyclohexane	110-82-7	0.36	U		0.36	U		0.36	U		0.36	U		**0.36**	**U**		1.5	U	R	0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U
2-Butanone	78-93-3	1.1	U		1.1	U		1.1	U		1.1	U		**1.1**	**U**		4.6	U	R	1.1	U		1.1	U		1.1	U		1.1	U		1.1	U		1.1	U		1.1	U
Carbon Tetrachloride	56-23-5	1.1	U		1.1	U		1.1	U		1.1	U		**1.1**	**U**		4.5	U	R	1.1	U		1.1	U		1.1	U		1.1	U		1.1	U		1.1	U		1.1	U
cis-1,2-Dichloroethene	156-59-2	0.29	U		0.29	U		0.29	U		0.29	U		**0.29**	**U**		1.2	U	R	0.29	U		0.29	U		0.29	U		0.29	U		0.29	U		0.29	U		0.29	U
Chloroform	67-66-3	0.33	U		0.33	U		0.33	U		0.33	U		**0.33**	**U**		1.3	U	R	0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U
1,1,1-Trichloroethane	71-55-6	0.32	U		0.32	U		0.32	U		0.32	U		**0.32**	**U**		1.3	U	R	0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U
Methylcyclohexane	108-87-2	0.34	U		0.34	U		0.34	U		0.34	U		**0.34**	**U**		1.4	U	R	0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U
Benzene	71-43-2	0.39	U		0.39	U		0.39	U		0.39	U		**0.39**	**U**		1.5	U	R	0.39	U		0.39	U		0.39	U		0.39	U		0.39	U		0.39	U		0.39	U
1,2-Dichloroethane	107-06-2	0.34	U		0.34	U		0.34	U		0.34	U		**0.34**	**U**		1.4	U	R	0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U		0.34	U
Trichloroethene	79-01-6	1.7	J		0.46	U		0.46	U		0.46	U		**1.0**	**J**		1.8	U	R	0.46	U		0.46	U		0.46	U		0.46	U		0.46	U		0.46	U		0.46	U
1,2-Dichloropropane	78-87-5	0.40	U		0.40	U		0.40	U		0.40	U		**0.40**	**U**		1.6	U	R	0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U		0.40	U
Bromodichloromethane	75-27-4	0.33	U		0.33	U		0.33	U		0.33	U		**0.33**	**U**		1.3	U	R	0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U		0.33	U
4-Methyl-2-Pentanone	108-10-1	1.6	U		1.6	U		1.6	U		1.6	U		**1.6**	**U**		6.5	U	R	1.6	U		1.6	U		1.6	U		1.6	U		1.6	U		1.6	U		1.6	U
Toluene	108-88-3	0.36	U		0.36	U		0.36	U		0.36	U		**0.36**	**U**		1.5	U	R	0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U
t-1,3-Dichloropropene	10061-02-6	0.32	U		0.32	U		0.32	U		0.32	U		**0.32**	**U**		1.3	U	R	0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U
cis-1,3-Dichloropropene	10061-01-5	0.36	U		0.36	U		0.36	U		0.36	U		**0.36**	**U**		1.4	U	R	0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U		0.36	U
1,1,2-Trichloroethane	79-00-5	0.41	U		0.41	U		0.41	U		0.41	U		**0.41**	**U**		1.6	U	R	0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U
2-Hexanone	591-78-6	1.7	U		1.7	U		1.7	U		1.7	U		**1.7**	**U**		6.7	U	R	1.7	U		1.7	U		1.7	U		1.7	U		1.7	U		1.7	U		1.7	U
Dibromochloromethane	124-48-1	0.26	U		0.26	U		0.26	U		0.26	U		**0.26**	**U**		1.1	U	R	0.26	U		0.26	U		0.26	U		0.26	U		0.26	U		0.26	U		0.26	U
1,2-Dibromoethane	106-93-4	0.32	U		0.32	U		0.32	U		0.32	U		**0.32**	**U**		1.3	U	R	0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U
Tetrachloroethene	127-18-4	16			0.48	U		30			28			140	E	R	**94**	**D**		9.4			0.48	U		0.48	U		3.3	J		12			1.0	J		0.48	U
Chlorobenzene	108-90-7	0.47	U		0.47	U		0.47	U		0.47	U		**0.47**	**U**		1.9	U	R	0.47	U		0.47	U		0.47	U		0.47	U		0.47	U		0.47	U		0.47	U
Ethyl Benzene	100-41-4	0.45	U		0.45	U		0.45	U		0.45	U		**0.45**	**U**		1.8	U	R	0.45	U		0.45	U		0.45	U		0.45	U		0.45	U		0.45	U		0.45	U
m/p-Xylenes	126777-61-2	1.2	U		1.2	U		1.2	U		1.2	U		**1.2**	**U**		4.7	U	R	1.2	U		1.2	U		1.2	U		1.2	U		1.2	U		1.2	U		1.2	U
o-Xylene	95-47-6	0.46	U		0.46	U		0.46	U		0.46	U		**0.46**	**U**		1.8	U	R	0.46	U		0.46	U		0.46	U		0.46	U		0.46	U		0.46	U		0.46	U
Styrene	100-42-5	0.41	U		0.41	U		0.41	U		0.41	U		**0.41**	**U**		1.6	U	R	0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U		0.41	U
Bromoform	75-25-2	0.32	U		0.32	U		0.32	U		0.32	U		**0.32**	**U**		1.3	U	R	0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U		0.32	U
Isopropylbenzene	98-82-8	0.44	U		0.44	U		0.44	U		0.44	U		**0.44**	**U**	J	1.8	U	R	0.44	U		0.44	U		0.44	U		0.44	U		0.44	U		0.44	U		0.44	U
1,1,2,2-Tetrachloroethane	79-34-5	0.30	U		0.30	U		0.30	U		0.30	U		**0.30**	**U**	J	1.2	U	R	0.30	U		0.30	U		0.30	U		0.30	U		0.30	U		0.30	U		0.30	U
1,3-Dichlorobenzene	541-73-1	0.50	U		0.50	U		0.50	U		0.50	U		**0.50**	**U**	J	2.0	U	R	0.50	U		0.50	U		0.50	U		0.50	U		0.50	U		0.50	U		0.50	U
1,4-Dichlorobenzene	106-46-7	0.54	U		0.54	U		0.54	U		0.54	U		**0.54**	**U**	J	2.1	U	R	0.54	U		0.54	U		0.54	U		0.54	U		0.54	U		0.54	U		0.54	U
1,2-Dichlorobenzene	95-50-1	0.44	U		0.44	U		0.44	U		0.44	U		**0.44**	**U**	J	1.7	U	R	0.44	U		0.44	U		0.44	U		0.44	U		0.44	U		0.44	U		0.44	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.38	U		0.38	U		0.38	U		0.38	U		**0.38**	**U**	J	1.5	U	R	0.38	U		0.38	U		0.38	U		0.38	U		0.38	U		0.38	U		0.38	U
1,2,4-Trichlorobenzene	120-82-1	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U	J	**0.46**	**U**	J	1.8	U	R	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U	J	0.46	U
Total Confident Conc. VOC		17.7			0			30			28			141			94			9.4			0			0			3.3			12			1			0	
Total TICs		0			0			0			0			0			0			0			0			0			0			0			0			0	

Qualifiers
U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
E (Organics) - Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
E (Inorganics) - The reported value is estimated because of the presence of interference.
D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed

SUMMARY OF THE ANALYTICAL DATA USABILITY
Spectrum Finishing Corp
D006131-1

Water Volatile Organic Analyses
Samples Collected April 24, 2007
Samples Received April 25, 2007
Sample Delivery Group: Y2464
Laboratory Reference Numbers:

152059-GW-MW3S	Y2464-01
152059-GW-MW13ST	Y2464-02
152059-GW-MW4S	Y2464-03
152059-GW-MW41S	Y2464-04
152059-GW-MW6S	Y2464-05
152059-GW-MW6S DL	Y2464-05 DL
152059-GW-MW12S	Y2464-06
152059-GW-MW14S	Y2464-07
152059-GW-MW1S	Y2464-08
152059-GW-MW1S MS	Y2464-09
152059-GW-MW1S MSD	Y2464-10
152059-GW-MW11S	Y2464-11
152059-GW-MW2	Y2464-12
152059-GW-MW7S	Y2464-13
152059-TB1	Y2464-14

Water samples were validated for analyses of volatile organics by the US EPA Region II checklist. Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
- Calibrations
* - Laboratory Blanks
- Trip Blanks
- Field Blanks
- Storage Blank
- Equipment Blank
- Surrogate Compound Recoveries
* - Internal Standard Recoveries
- Matrix Spike / Matrix Spike Duplicate
- Instrument Detection Limits
- Laboratory Control Sample
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

Instrument detection limits were not found in this sample delivery group.

The minor problems with the low relative response factor for acetone and 2-butanone, calibrations and laboratory control samples should be noted. These are discussed in detail below.

No other significant problems were found with this sample delivery group which would affect the usability of the data.

Holding Times

All samples were preserved and analyzed within 14 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the compound specific quality assurance limits with the one exception of the 4-bromofluorobenzene surrogate (75%) in sample 152059-GW-MW6S (Y2464-05). The recovery was just below the 76% quality assurance limit.

This sample was reanalyzed at a dilution due to high levels of ?????. All of the surrogate recoveries were within the required limits in the diluted analysis.

The compounds that were quantitated from the initial analysis were flagged with the “J” qualifier and are estimated values. It is possible that reported concentrations were slightly underestimated and very low levels overlooked.

Calibrations

All of the percent RSDs were within the required 30% limit in the one initial calibration with the exceptions of dichlorofluoromethane (32%) and bromochloromethane (34%).

These compounds were not detected in any of the samples and the data were not qualified since the percent difference was less than 60%.

All of the relative response factors were above 0.050 with the exception of acetone (0.028). All of the acetone data were flagged with the “J” qualifier. Acetone not detected in any of the samples and it is possible that low concentrations were overlooked. The rrf of acetone was also less than the quality control limit in both of the continuing calibrations.

All of the percent differences in the 4/26 continuing calibration were less than 25% with the exceptions of bromomethane (27%) and carbon tetrachloride (26%). This continuing calibration was associated with the analysis of all of the samples with the one exception of 152059-GW-MW4S (Y2464-03).

Neither of the two compounds were detected in the samples and the data were not qualified since the percent differences were less than 50%.

All of the percent differences in the 4/27 continuing calibration were less than 25% with the exception of carbon tetrachloride (26%). This continuing calibration was associated with the analysis of sample 152059-GW-MW4S (Y2464-03).

Carbon tetrachloride was not detected in any of these samples and the data were not qualified since the percent difference was less than 50%.

Matrix Spike and Matrix Spike Duplicate

The laboratory used their in-house limits for the recoveries and RPDs. Some of their recovery limits were as low as 20%. Quality assurance limits of 70% - 130% were used for the purposes of the validation. An RPD of 30% was used for the validation precision limit.

Sample 152059-GW-MW1S (Y2464-08) was used as the matrix spike and matrix spike duplicate. All recoveries and RPDs were within the required limits with the following exceptions:

Compound	MS %Rec	MSD %Rec	QC Limits	RPD	Limits
1,1,2-Trichlorofluoroethane		52%	70% - 130%	42%	30%
Methyl Acetate	134%	154%	70% - 130%		30%
1,2,4-Trichlorobenzene	68%	70%	70% - 130%		30%

1,1,2-Trichlorofluoroethane and 1,2,4-trichlorobenzene were flagged with the “J” qualifier since the recoveries were less than 70%.

Methyl acetate was not detected in any of the samples and the data were not qualified since the high recovery does not affect undetected data.

Laboratory Control Sample

Two laboratory control samples were associated with this sample delivery group.

All laboratory control sample recoveries were within the 70% - 130% quality assurance limits in the 4/26 LCS BSD0426-01 with the following exceptions:

Compound	LCS %Rec	QC Limits
Trichlorofluoromethane	140%	70% - 130%
1,1,2,2-Tetrachloroethane	135%	70% - 130%
1,2,4-Trichlorobenzene	65%	70% - 130%

This laboratory control sample was associated with the analyses of all of the samples with the one exception of 152059-GW-MW4S (Y2464-03).

1,2,4-Trichlorobenzne was flagged with “J” qualifier since the recovery was less than 70%.

Trichlorofluoromethane and 1,1,2,2-tetrachloroethane were not detected in any of the samples and the data were not qualified since high recoveries do not affect undetected data.

All laboratory control sample recoveries were within the 70% - 130% quality assurance limits in the 4/27 LCS BSD0427-01 with the following exceptions:

Compound	LCS %Rec	QC Limits
Vinyl Chloride	135%	70% - 130%
Bromomethane	155%	70% - 130%
Trichlorofluoromethane	160%	70% - 130%
1,1,2,2-Tetrachloroethane	150%	70% - 130%
1,2,4-Trichlorobenzene	65%	70% - 130%

This laboratory control sample was associated with the analyses of sample 152059-GW-MW4S (Y2464-03).

1,2,4-Trichlorobenzne was flagged with “J” qualifier since the recovery was less than 70%.

None of the compounds with the high recoveries were detected in any of the samples and the data were not qualified since high recoveries do not affect undetected data.

Method Blanks

No compounds were detected in the method blanks.

Trip Blank

No compounds were detected in the trip blank.

Field Blank

A field blank was not collected with this sample delivery group.

Internal Standard Areas and Retention Times

The recoveries and retention times of all internal standards were within the required 50% - 150% quality control limits with the one exception of the fourth 1,4-dichlorobenzene-d4 internal standard (46%) in sample 152059-GW-MW6S (Y2464-05). Compounds that were quantitated against this internal standard were flagged with the “J” qualifier and are estimated values.

This sample was reanalyzed at a dilution and all of the recoveries were within the required limits.

Instrument Detection limits

Instrument detection limits were not found in this sample delivery group.

Sample Results

Sample 152059-GW-MW6S (Y2464-05) was reanalyzed at a 4X dilution due to a high concentration of tetrachloroethene (94 ug/l). This compound should be reported form the dilution. And all other compounds from the undiluted analysis. .

No other problems were found with the reported results of any of the samples of this delivery group.

SUMMARY OF THE ANALYTICAL DATA USABILITY
Spectrum Finishing Corp
D006131-1

Air Volatile Organic Analyses
Samples Collected April 26, 2007
Samples Received April 27, 2007
Sample Delivery Group: Y2624
Laboratory Reference Numbers:

152059-SV-SV17S	Y2495-01
152059-SV-SV17S DL	Y2495-01 DL
152059-SV-SV17D	Y2495-02
152059-SV-SV17D DL	Y2495-02 DL
152059-SV-SV171S	Y2495-03
152059-SV-SV171S DL	Y2495-03 DL
152059-SV-SV21S	Y2495-04
152059-SV-SV21D	Y2495-05
152059-OA-AA2	Y2495-06
152059-SV-SV3S	Y2495-07
152059-SV-SV3S DL	Y2495-07 DL
152059-SV-SV3D	Y2495-08
152059-SV-SV3D DL	Y2495-08 DL
152059-SV-SV31S	Y2495-09
152059-SV-SV31S DL	Y2495-09 DL
152059-SV-SV2S	Y2495-10
152059-SV-SV2D	Y2495-11
152059-SV-7S	Y2495-12
152059-SV-7D	Y2495-13
152059-SV-8S	Y2495-14
152059-SV-8S DL	Y2495-14 DL
152059-SV-8D	Y2495-15
152059-SV-13S	Y2495-16
152059-SV-13D	Y2495-17
152059-SV-1S	Y2495-18
152059-SV-1D	Y2495-19
152059-OA-AA1	Y2495-20
152059-OA-AA1 MS	Y2495-20 MS
152059-OA-AA1 MSD	Y2495-20 MSD

Air samples were validated for analyses of volatile organics by the US EPA Region II checklist. Data were reviewed for usability according to the following criteria:

* - Data Completeness
* - GC/MS Tuning
* - Holding Times
* - Calibrations
  - Laboratory Blanks
  - Trip Blanks
  - Field Blanks
  - Storage Blank
  - Equipment Blank
* - Surrogate Compound Recoveries
* - Internal Standard Recoveries
  - Matrix Spike / Matrix Spike Duplicate
  - Instrument Detection Limits
  - Laboratory Control Sample
* - Compound Identification
* - Compound Quantitation

* - Indicates that all criteria were met for this parameter.

DATA VALIDATION SUMMARY

A low concentration of 1,2,4-trichlorobenzene (0.81 ug/M3 / 0.1 ppbv) was detected in the 5/8 method blank associated with the analyses of samples -01, -02, -03, -04, -05, -07, -08, -01DL, -02DL, -03DL, -07DL, -08DL, -09DL, -09, -10, -11, -12 and -13. Low concentrations of this compound, less than 5x the concentration in the blank prior to dilution, were flagged with the “BU” qualifier. The laboratory is required to flag method blank contaminants were with “B” qualifier on the sample summary forms but this was not done.

The problems with the matrix spike and laboratory control samples should be noted. These are discussed in detail below.

Instrument detection limits were not found in this sample delivery group.

Holding Times

All samples were analyzed within 30 days of collection.

Tunes

No problems were detected with the tunes associated with the samples of this delivery group.

Surrogate Compound Recoveries

All surrogate compound recoveries were within the 65% - 135% quality assurance limits.

1-Bromo-4-fluorobenzene was the only surrogate.

Calibrations

All of the percent RSDs and percent differences were within the required 30% limit in the initial calibration.

All RRF's were greater than 0.05.

Matrix Spike and Matrix Spike Duplicate

Sample 152059-OA-AA1 (Y2495-20) was used as the matrix spike and matrix spike duplicate. All recoveries and RPDs that could be accurately calculated were within the required quality assurance limits with the following exceptions:.

Compound	MS %Rec.	MSD %Rec.	QC Limits	RPD	Limits
Trichlorofluoromethane		136%	65 - 135		35
Isopropyl Alcohol	16%	26%	65 - 135	48%	35
Vinyl Acetate	140%	140%	65 - 135		35
Chloroform		140%	65 - 135		35
1,1,1-Trichloroethane	140%		65 - 135		35
2-Methyl-2-Pentanone	59%	63%	65 - 135		35
2-Hexanone	61%		65 - 135		35
Styrene	136%	136%	65 - 135		35
1,2,4-Trimethylbenzene	136%	136%	65 - 135		35
1,3-Dichlorobenzene		140%	65 - 135		35
1,4-Dichlorobenzene	140%	140%	65 - 135		35
1,2-Dichlorobenzene	140%	140%	65 - 135		35
1,2,4-Trichlorobenzene	150%	160%	65 - 135		35

The data for the compounds with low recoveries were flagged with the "J" qualifier. It is possible low concentrations were overlooked and reported concentrations underestimated.

The data for the compounds with high recoveries were only flagged with the "J" qualifier if they were detected in a sample. Non detects were not qualified since high recoveries do not affect undetected data.

Laboratory Control Sample

All BSL0508A1 LCS recoveries, associated with the analyses of samples –01, -02, -03, -04, -05, -07, -08, -01DL, -02DL, -03DL, -07DL, -08DL, -09DL, -09, -10, -11, -12, and -13 were within the required quality assurance limits with the following exceptions:

Compound	MS %Rec.	QC Limits
2-Hexanone	64%	65 – 135%
1,2,4-Trichlorobenzene	180%	65 – 135%

All of the 2-hexanone data for these samples was flagged with the “J” qualifier. It is possible that low concentrations were overlooked and reported concentrations underestimated.

Compounds with recoveries above the 135% quality control limit were flagged with the “J” qualifier only if they were detected in a sample since high recoveries do not affect the undetected data.

All BSL0509A1 LCS recoveries, associated with the analyses of samples -18, -14, -15, -16, -17, -19, -06 and -20 were within the required quality assurance limits with the following exceptions:

Compound	MS %Rec.	QC Limits
Toluene	140%	65 – 135%
Styrene	140%	65 – 135%
1,3-Dichlorobenzene	140%	65 – 135%
1,4-Dichlorobenzene	140%	65 – 135%
1,2-Dichlorobenzene	140%	65 – 135%
1,2,4-Trichlorobenzene	170%	65 – 135%

Compounds with recoveries above the 135% quality control limit were flagged with the “J” qualifier only if they were detected in a sample since high recoveries do not affect the undetected data.

All BSL0510A1 LCS recoveries, associated with the analyses of sample -14 DL were within the required quality assurance limits with the following exceptions:

Compound	MS %Rec.	QC Limits
2-Hexanone	62%	65 – 135%
1,2,4-Trichlorobenzene	150%	65 – 135%

Neither of these compounds were quantitated from the dilutions and the low recoveries do not affect the use of the data.

None of the compounds with the low recoveries were quantitated from the dilutions and the low recoveries do not affect the use of the data.

Method Blanks

A low concentration of 1,2,4-trichlorobenzene (0.81 ug/M3 / 0.1 ppbv) was detected in the 5/8 method blank associated with the analyses of samples -01, -02, -03, -04, -05, -07, -08, -01DL, -02DL, -03DL, -07DL, -08DL, -09DL, -09, -10, -11, -12 and -13.

Low concentrations of this compound, less than 5x the concentration in the blank prior to dilution, were flagged with the “BU” qualifier. The laboratory is required to flag method blank contaminants were with “B” qualifier on the sample summary forms but this was not done.

No compounds were detected in the other two method blanks.

Trip Blank

A trip blank was not analyzed with this sample delivery group.

Field Blank

A field blank was not analyzed with this sample delivery group.

Internal Standard Areas and Retention Times

The recoveries and retention times of all internal standards were within the required quality control limits (60% - 140%).

Instrument Detection limits

Instrument detection limits were not found in this sample delivery group.

Sample Results

No other problems were found with the reported results of any of the samples of this delivery group.

SUMMARY OF THE ANALYTICAL DATA USABILITY
Spectrum Finishing Corp
D006131-1

Air Volatile Organic Analyses
Samples Collected April 26, 2007
Samples Received April 27, 2007
Sample Delivery Group: Y2624
Laboratory Reference Numbers:

152059-SV-SV17S	Y2495-01
152059-SV-SV17S DL	Y2495-01 DL
152059-SV-SV17D	Y2495-02
152059-SV-SV17D DL	Y2495-02 DL
152059-SV-SV171S	Y2495-03
152059-SV-SV171S DL	Y2495-03 DL
152059-SV-SV21S	Y2495-04
152059-SV-SV21D	Y2495-05
152059-OA-AA2	Y2495-06
152059-SV-SV3S	Y2495-07
152059-SV-SV3S DL	Y2495-07 DL
152059-SV-SV3D	Y2495-08
152059-SV-SV3D DL	Y2495-08 DL
152059-SV-SV31S	Y2495-09
152059-SV-SV31S DL	Y2495-09 DL
152059-SV-SV2S	Y2495-10
152059-SV-SV2D	Y2495-11
152059-SV-7S	Y2495-12
152059-SV-7D	Y2495-13
152059-SV-8S	Y2495-14
152059-SV-8S DL	Y2495-14 DL
152059-SV-8D	Y2495-15
152059-SV-13S	Y2495-16
152059-SV-13D	Y2495-17
152059-SV-1S	Y2495-18
152059-SV-1D	Y2495-19
152059-OA-AA1	Y2495-20
152059-OA-AA1 MS	Y2495-20 MS
152059-OA-AA1 MSD	Y2495-20 MSD

VOLATILE ORGANICS
INITIAL CALIBRATION

Instrument ID: MSVOAL
Level: Low
Tune File ID: VL050701.D **Acceptable:** Yes **Time Requirements Met:** Yes
Initial Calibration File ID: VL050701 **Date:** 5/7/2007 **Page:** 555
Associated Samples: VBL0508A1, BSL0508A1, -01, -02, -03, -04, -05, -07, -08, -01DL, -02DL, -03DL, -07DL, -08DL, -09DL, -09, -10, -11, -12, -13, VBL0509A1, BSL0509A1, -08, -14, - 15, -16, - 17, - 19, -06, -20

	QC %RSD	STD %RSD	QC RRF	STD RRF		QC %RSD	STD %RSD	QC RRF	STD RRF
Dichlorodifluoromethane	<30		>0.050		2,2,4-Trimethylpentane	<30		>0.050	
Chloromethane	<30		>0.050		Trichloroethene	<30		>0.050	
Vinyl Chloride	<30		>0.050		1,2-Dichloropropane	<30		>0.050	
Bromomethane	<30		>0.050		Bromodichloromethane	<30		>0.050	
Chloroethane	<30		>0.050		4-Methyl-2-Pentanone	<30		>0.010	
Trichlorofluoromethane	<30		>0.050		Toluene	<30		>0.050	
Isopropyl Alcohol	<30		>0.050		trans-1,3-Dichloropropene	<30		>0.050	
Dichlorotetrafluoroethane	<30		>0.050		cis-1,3-Dichloropropene	<30		>0.050	
1,1,2-Trichloroethene	<30		>0.050		1,1,2-Trichloroethene	<30		>0.010	
Bromoethene	<30		>0.050		2-Hexanone	<30		>0.050	
Propene	<30		>0.050		Dibromochloromethane	<30		>0.050	
Heptane	<30		>0.050		1,2-Dibromoethane	<30		>0.010	
1,1-Dichloroethene	<30		>0.050		Tetrachloroethene	<30		>0.050	
Ethyl Acetate	<30		>0.050		Chlorobenzene	<30		>0.050	
Acetone	<30		>0.050		Ethyl Benzene	<30		>0.010	
Carbon Disulfide	<30		>0.050		m/p-Xylene	<30		>0.050	
Methyl tert butyl Ether	<30		>0.050		o-Xylene	<30		>0.050	
Methylene Chloride	<30		>0.050		Styrene	<30		>0.050	
Allyl Clhoride	<30		>0.050		Bromoform	<30		>0.010	
trans-1,2-Diclhoroethene	<30		>0.050		1,1,2,2-Tetrachloroethane	<30		>0.050	
Vinyl Acetate	<30		>0.050		1,3,5-Trimethylbenzene	<30		>0.050	
1,1-Dichloroethane	<30		>0.050		1,2,4-Trimethylbenzene	<30		>0.050	
Cyclohexane	<30		>0.050		4-Ethyltoluene	<30		>0.050	
2-Butanone	<30		>0.050		1,3-Dichlorobenzene	<30		>0.010	
Carbon Tetrachloride	<30		>0.050		1,4-Dichlorobenzene	<30		>0.050	
cis-1,2-Dichloroethene	<30		>0.050		1,2-Dichlorobenzene	<30		>0.010	
Chloroform	<30		>0.050		1,2,4-Trichlorobenzene	<30		>0.010	
1,4-Dioxane	<30		>0.050		Hexachloro-1,3-Butadiene	<30		>0.010	
1,1,1-Trichloroethane	<30		>0.050		1,3-Butadiene	<30		>0.010	
Tetrahydrofuran	<30		>0.050		Hexane	<30		>0.010	
2,2,4-Trimethylpentane	<30		>0.050		Benzyl Chloride	<30		>0.010	
Benzene	<30		>0.050						

Surrogate Recovery	QC %RSD	STD %RSD	QC RRF	STD RRF
	<30%		>0.050	

All TCL Compounds Average RRF > 0.050: Yes

All TCL Compounds %D < QC Limit: Yes
TCL Compounds %D between 30% and 60% (J - qualify) N/A
TCL Compounds %D between 60% and 90% (J - qualify) N/A
TCL Compounds %D > 90% (R - reject undetected / J - detected) N/A

CALIBRATION VERIFICATION:

Compound Heptane					Benzene				
	Area x	**Area IS**	**calc rrf**	**Rprtd rrf**	**Area x**	**Area IS**	**calc rrf**	**Rprtd rrf**
PPBV								
0.2	60,323	1,640,121	1.839	1.839	124,706	5,255,379	1.186	1.186
1	323,298	1,495,092	2.162	2.162	568,868	5,343,990	1.065	1.065
5	1,273,748	1,454,868	1.751	1.751	2,436,765	5,540,120	0.880	0.880
10	2,404,820	1,411,686	1.704	1.704	4,745,486	5,959,452	0.796	0.796
20	4,451,447	1,301,197	1.711	1.711	9,160,475	5,797,114	0.790	0.796
Average			1.833	1.833			0.943	0.943
			Calc	**Reported**			**Calc**	**Reported**
%RSD			10.46%	10.46%			18.58%	18.58%

VOLATILE ORGANICS
CONTINUING CALIBRATION

Instrument ID: MSVOAL
Level: Low
Tune File ID: VL050801.D **Acceptable:** Yes **Time Requirements Met:** Yes
Calibration File ID: VL050803 **Date:** 5/8/2007 **Page:** 605
Initial Calibration File ID: VL050701 **Date:** 5/7/2007 **Page:** 555
Associated Samples: VBL0508A1, BSL0508A1, -01, -02, -03, -04, -05, -07, -08, -01DL, -02DL, -03DL, -07DL, -08DL, -09DL, -09, -10, -11, -12, -13

COMPOUND LIST

	QC %D	STD %D	QC RRF	STD RRF		QC %D	STD %D	QC RRF	STD RRF
Dichlorodifluoromethane	<30		>0.050		2,2,4-Trimethylpentane	<30		>0.050	
Chloromethane	<30		>0.050		Benzene	<30		>0.050	
Vinyl Chloride	<30		>0.050		1,2-Dichloropropane	<30		>0.050	
Bromomethane	<30		>0.050		Bromodichloromethane	<30		>0.050	
Chloroethane	<30		>0.050		4-Methyl-2-Pentanone	<30		>0.050	
Trichlorofluoromethane	<30		>0.050		Toluene	<30		>0.050	
Isopropyl Alcohol	<30		>0.050		trans-1,3-Dichloropropene	<30		>0.050	
Dichlorotetrafluoroethane	<30		>0.050		cis-1,3-Dichloropropene	<30		>0.050	
1,1,2-Trichloroethene	<30		>0.050		1,1,2-Trichloroethene	<30		>0.050	
Bromoethene	<30		>0.050		2-Hexanone	<30		>0.050	
Propene	<30		>0.050		Dibromochloromethane	<30		>0.050	
Heptane	<30		>0.050		1,2-Dibromoethane	<30		>0.050	
1,1-Dichloroethene	<30		>0.050		Tetrachloroethene	<30		>0.050	
Ethyl Acetate	<30		>0.050		Chlorobenzene	<30		>0.050	
Acetone	<30		>0.050		Ethyl Benzene	<30		>0.050	
Carbon Disulfide	<30		>0.050		m/p-Xylene	<30		>0.050	
Methyl tert butyl Ether	<30		>0.050		o-Xylene	<30		>0.050	
Methylene Chloride	<30		>0.050		Styrene	<30		>0.050	
Allyl Clhoride	<30		>0.050		Bromoform	<30		>0.050	
trans-1,2-Diclhoroethene	<30		>0.050		1,1,2,2-Tetrachloroethane	<30		>0.050	
Vinyl Acetate	<30		>0.050		1,3,5-Trimethylbenzene	<30		>0.050	
1,1-Dichloroethane	<30		>0.050		1,2,4-Trimethylbenzene	<30		>0.050	
Cyclohexane	<30		>0.050		4-Ethyltoluene	<30		>0.050	
2-Butanone	<30		>0.050		1,3-Dichlorobenzene	<30		>0.050	
Carbon Tetrachloride	<30		>0.050		1,4-Dichlorobenzene	<30		>0.050	
cis-1,2-Dichloroethene	<30		>0.050		1,2-Dichlorobenzene	<30		>0.050	
Chloroform	<30		>0.050		1,2,4-Trichlorobenzene	<30		>0.050	
1,4-Dioxane	<30		>0.050		Hexachloro-1,3-Butadiene	<30		>0.050	
1,1,1-Trichloroethane	<30		>0.050		1,3-Butadiene	<30		>0.050	
Tetrahydrofuran	<30		>0.050		Hexane	<30		>0.050	
2,2,4-Trimethylpentane	<30		>0.050		Benzyl Chloride	<30		>0.050	
Benzene	<30		>0.050						

	QC %D	STD %D	QC RRF	STD RRF
Surrogate:				
1-Bromo-4-Fluorobenzene	<30%		>0.050	

All TCL Compounds Average RRF > 0.050: Yes

All TCL Compounds %D < QC Limit: Yes
TCL Compounds %D between 30% and 50% (J - qualify) N/A
TCL Compounds %D between 50% and 90% (J - qualify) N/A
TCL Compounds %D > 90% (R - reject undetected / J - detected) N/A

CALIBRATION VERIFICATION:

Compound	1,1,2-Trichloroethene				Ethyl Benzene			
	Area x	**Area IS**	**calc rrf**	**Rprtd rrf**	**Area x**	**Area IS**	**calc rrf**	**Rprtd rrf**
PPB								
10	1,677,248	4,772,252	0.351	0.351	5,274,696	4,264,410	1.237	1.237
% D		**Avg RRF**	**% D**	**% D**		**Avg RRF**	**% D**	**% D**
		0.369	**Calc**	**Reported**		1.387	**Calc**	**Reported**
			-4.75	4.90			-10.82	10.80

VOLATILE ORGANICS
CONTINUING CALIBRATION

Instrument ID: **MSVOAL**
Level: Low
Tune File ID: **VL050801.D** **Acceptable:** Yes **Time Requirements Met:** Yes
Calibration File ID: **VL050803** **Date:** 5/9/2007 **Page:** 610
Initial Calibration File ID: **VL050701** **Date:** 5/7/2007 **Page:** 555
Associated Samples: VBL0509A1, BSL0509A1, -08, -14, - 15, -16, - 17, - 19, -06, -20

COMPOUND LIST

	QC %D	STD %D	QC RRF	STD RRF		QC %D	STD %D	QC RRF	STD RRF
Dichlorodifluoromethane	<30		>0.050		2,2,4-Trimethylpentane	<30		>0.050	
Chloromethane	<30		>0.050		Benzene	<30		>0.050	
Vinyl Chloride	<30		>0.050		1,2-Dichloropropane	<30		>0.050	
Bromomethane	<30		>0.050		Bromodichloromethane	<30		>0.050	
Chloroethane	<30		>0.050		4-Methyl-2-Pentanone	<30		>0.050	
Trichlorofluoromethane	<30		>0.050		Toluene	<30		>0.050	
Isopropyl Alcohol	<30		>0.050		trans-1,3-Dichloropropene	<30		>0.050	
Dichlorotetrafluoroethane	<30		>0.050		cis-1,3-Dichloropropene	<30		>0.050	
1,1,2-Trichloroethene	<30		>0.050		1,1,2-Trichloroethene	<30		>0.050	
Bromoethene	<30		>0.050		2-Hexanone	<30		>0.050	
Propene	<30		>0.050		Dibromochloromethane	<30		>0.050	
Heptane	<30		>0.050		1,2-Dibromoethane	<30		>0.050	
1,1-Dichloroethene	<30		>0.050		Tetrachloroethene	<30		>0.050	
Ethyl Acetate	<30		>0.050		Chlorobenzene	<30		>0.050	
Acetone	<30		>0.050		Ethyl Benzene	<30		>0.050	
Carbon Disulfide	<30		>0.050		m/p-Xylene	<30		>0.050	
Methyl tert butyl Ether	<30		>0.050		o-Xylene	<30		>0.050	
Methylene Chloride	<30		>0.050		Styrene	<30		>0.050	
Allyl Clhoride	<30		>0.050		Bromoform	<30		>0.050	
trans-1,2-Diclhoroethene	<30		>0.050		1,1,2,2-Tetrachloroethane	<30		>0.050	
Vinyl Acetate	<30		>0.050		1,3,5-Trimethylbenzene	<30		>0.050	
1,1-Dichloroethane	<30		>0.050		1,2,4-Trimethylbenzene	<30		>0.050	
Cyclohexane	<30		>0.050		4-Ethyltoluene	<30		>0.050	
2-Butanone	<30		>0.050		1,3-Dichlorobenzene	<30		>0.050	
Carbon Tetrachloride	<30		>0.050		1,4-Dichlorobenzene	<30		>0.050	
cis-1,2-Dichloroethene	<30		>0.050		1,2-Dichlorobenzene	<30		>0.050	
Chloroform	<30		>0.050		1,2,4-Trichlorobenzene	<30		>0.050	
1,4-Dioxane	<30		>0.050		Hexachloro-1,3-Butadiene	<30		>0.050	
1,1,1-Trichloroethane	<30		>0.050		1,3-Butadiene	<30		>0.050	
Tetrahydrofuran	<30		>0.050		Hexane	<30		>0.050	
2,2,4-Trimethylpentane	<30		>0.050		Benzyl Chloride	<30		>0.050	
Benzene	<30		>0.050						

	QC %D	STD %D	QC RRF	STD RRF
Surrogate:				
1-Bromo-4-Fluorobenzene	<30%		>0.050	

All TCL Compounds Average RRF > 0.050: Yes

All TCL Compounds %D < QC Limit: Yes
TCL Compounds %D between 30% and 50% (J - qualify) N/A
TCL Compounds %D between 50% and 90% (J - qualify) N/A
TCL Compounds %D > 90% (R - reject undetected / J - detected) N/A

CALIBRATION VERIFICATION:

Compound	Carbon Disulfide				Toluene			
	Area x	**Area IS**	**calc rrf**	**Rprtd rrf**	**Area x**	**Area IS**	**calc rrf**	**Rprtd rrf**
PPB								
10	3,400,813	904,263	3.761	3.761	5,036,324	4,269,963	1.179	1.179
% D		**Avg RRF**	**% D Calc**	**% D Reported**		**Avg RRF**	**% D Calc**	**% D Reported**
		3.571	5.32	5.30		1.079	9.31	9.30

Sample ID		152059-SV-SV17S			152059-SV-SV17SDL
Lab Sample Number		Y2495-01			Y2495-01DL
Sampling Date		04/26/07			04/26/07
Matrix		AIR			AIR
Dilution Factor		1.0			20.0
Units		ug/m3			ug/m3

COMPOUND	CAS #		Lab	DV	
Dichlorodifluoromethane	75-71-8	**3.61**			3.56
Chloromethane	74-87-3	**0.07**	**U**		1.47
Vinyl Chloride	75-01-4	**0.08**	**U**		1.53
Bromomethane	74-83-9	**0.13**	**U**		2.64
Chloroethane	75-00-3	**0.1**	**U**		2.02
Trichlorofluoromethane	75-69-4	**5.27**		J	3.14
Isopropyl Alcohol	67-63-0	**3.56**		J	0.59
Dichlorotetrafluoroethane	76-14-2	**0.22**	**U**		4.34
1,1,2-Trichlorotrifluoroethane	76-13-1	**0.92**			3.82
Bromoethene	593-60-2	**0.11**	**U**		2.28
Propene	115-07-1	**27.9**			30.6
Heptane	142-82-5	**7.2**			3.27
1,1-Dichloroethene	75-35-4	**0.12**	**U**		2.46
Ethyl Acetate	141-78-6	**0.08**	**U**		1.58
Acetone	67-64-1	70.2	E		**42.2**
Carbon Disulfide	75-15-0	**1.34**			1.49
Methyl tert-Butyl Ether	1634-04-4	**0.09**	**U**		1.73
Methylene Chloride	75-09-2	**4.76**			1.04
Allyl Chloride	107-05-1	**0.08**	**U**		1.51
trans-1,2-Dichloroethene	156-60-5	**0.13**	**U**		2.7
Vinyl Acetate	108-05-4	**0.14**	**U**		2.81
1,1-Dichloroethane	75-34-3	**0.14**	**U**		2.75
Cyclohexane	110-82-7	**9.99**			11.4
2-Butanone	78-93-3	**10.1**			2.77
Carbon Tetrachloride	56-23-5	**0.19**	**U**		3.78
cis-1,2-Dichloroethene	156-59-2	**0.13**	**U**		2.7
Chloroform	67-66-3	**1.31**		J	2.34
1,4-Dioxane	123-91-1	**0.19**	**U**		3.96
1,1,1-Trichloroethane	71-55-6	**10.3**		J	10.9
Tetrahydrofuran	109-99-9	**1.94**			3.53
2,2,4-Trimethylpentane	540-84-1	**7.18**			2.89
Benzene	71-43-2	**5.42**			1.6
1,2-Dichloroethane	107-06-2	**0.12**	**U**		2.43
Trichloroethene	79-01-6	**1.66**			3.86
1,2-Dichloropropane	78-87-5	**0.23**	**U**		4.53
Bromodichloromethane	75-27-4	**0.27**	**U**		5.37
4-Methyl-2-Pentanone	108-10-1	**10.8**		J	2.13
Toluene	108-88-3	**27.3**			21.8
t-1,3-Dichloropropene	10061-02-6	**0.11**	**U**		2.27
cis-1,3-Dichloropropene	10061-01-5	**0.14**	**U**		2.81
1,1,2-Trichloroethane	79-00-5	**0.29**	**U**		5.98
2-Hexanone	591-78-6	**0.09**	**U**	J	1.8
Dibromochloromethane	124-48-1	**0.32**	**U**		6.47
1,2-Dibromoethane	106-93-4	**0.26**	**U**		5.23
Tetrachloroethene	127-18-4	180	E		**186**

Chlorobenzene	108-90-7	**6.75**			6.01
Ethyl Benzene	100-41-4	**4.03**			3.12
m/p-Xylene	126777-61-2	**14.1**			5.64
o-Xylene	95-47-6	**6.85**			3.47
Styrene	100-42-5	**2.72**		J	3.74
Bromoform	75-25-2	**0.25**	**U**		4.97
1,1,2,2-Tetrachloroethane	79-34-5	**0.45**	**U**		8.93
1,3,5-Trimethylbenzene	108-67-8	**4.71**			2.36
1,2,4-Trimethylbenzene	95-63-6	**14**		J	10.8
4-Ethyltoluene	622-96-8	**3.78**			1.47
1,3-Dichlorobenzene	541-73-1	**1.38**		J	2.65
1,4-Dichlorobenzene	106-46-7	**0.96**		J	4.09
1,2-Dichlorobenzene	95-50-1	**0.25**	**U**		5.05
1,2,4-Trichlorobenzene	120-82-1	**1.92**		BU	6.96
Hexachloro-1,3-Butadiene	87-68-3	**1.28**			8.97
1,3-Butadiene	106-99-0	**0.09**	**U**		1.77
Hexane	110-54-3	**14.1**			14.8
Benzyl Chloride	100-44-7	**0.14**	**U**		2.88
Total Confident Conc. VOC		467.34			328.5

	152059-SV-SV17D			152059-SV-SV17DDL			152059-SV-SV171S		
	Y2495-02			Y2495-02DL			Y2495-03		
	04/26/07			04/26/07			04/26/07		
	AIR			AIR			AIR		
	1.0			20.0			1.0		
	ug/m3			ug/m3			ug/m3		
Lab	DV		Lab	DV		Lab	DV		Lab	DV
U		**3.71**			3.56	U		**3.22**		
U		**0.07**	**U**		1.47	U		**0.07**	**U**	
U		**0.08**	**U**		1.53	U		**0.08**	**U**	
U		**0.13**	**U**		2.64	U		**0.13**	**U**	
U		**0.1**	**U**		2.02	U		**0.1**	**U**	
U		**5.49**		**J**	3.14	U		**4.43**		J
U		**0.03**	**U**	**J**	0.59	U		**0.03**	**U**	J
U		**0.22**	**U**		4.34	U		**0.22**	**U**	
U		**0.19**	**U**		3.82	U		**0.92**		
U		**0.11**	**U**		2.28	U		**0.11**	**U**	
D		46.7	E		**52.6**	**D**		**23.1**		
U		**5.6**			3.27	U		**5.11**		
U		**0.12**	**U**		2.46	U		**0.12**	**U**	
U		**0.08**	**U**		1.58	U		**0.08**	**U**	
D		54.6	E		**51.2**	**D**		74.8	E	
U		**1.87**			1.49	U		**0.07**	**U**	
U		**0.09**	**U**		1.73	U		**0.09**	**U**	
U		**4.42**			1.04	U		**2.92**		
U		**0.08**	**U**		1.51	U		**0.08**	**U**	
U		**0.13**	**U**		2.7	U		**0.13**	**U**	
U		**0.14**	**U**		2.81	U		**0.14**	**U**	
U		**0.14**	**U**		2.75	U		**0.14**	**U**	
JD		**1.78**			2.08	U		**6.91**		
U		**12.7**			2.77	U		**7.69**		
U		**0.19**	**U**		3.78	U		**0.19**	**U**	
U		**0.13**	**U**		2.7	U		**0.13**	**U**	
U		**1.02**		J	2.34	U		**1.02**		J
U		**0.19**	**U**		3.96	U		**0.19**	**U**	
JD		**12.3**		J	12	D		**7.23**		J
U		**0.17**	**U**		3.53	U		**1.41**		
U		**9.74**			9.33	JD		**5.04**		
U		**5.9**			1.6	U		**4.21**		
U		**0.12**	**U**		2.43	U		**0.12**	**U**	
U		**2.84**			3.86	U		**1.02**		
U		**0.23**	**U**		4.53	U		**0.23**	**U**	
U		**0.27**	**U**		5.37	U		**0.27**	**U**	
U		**7.57**		J	2.13	U		**8.63**		J
D		**37.2**			33.1	D		**17.1**		
U		**0.11**	**U**		2.27	U		**0.11**	**U**	
U		**0.14**	**U**		2.81	U		**0.14**	**U**	
U		**0.29**	**U**		5.98	U		**0.29**	**U**	
U		**0.09**	**U**	J	1.8	U		**0.09**	**U**	J
U		**0.32**	**U**		6.47	U		**0.32**	**U**	
U		**0.26**	**U**		5.23	U		**0.26**	**U**	
D		268	E		**292**	**D**		**116**		

U	**0.31**	**U**		6.01	U	**2.82**		
U	**15.9**			13.9	D	**2.17**		
U	**57.2**			47.7	D	**7.54**		
U	**30.2**			25.1	D	**3.6**		
U	**1.74**		J	3.74	U	**1.87**		J
U	**0.25**	**U**		4.97	U	**0.25**	**U**	
U	**0.62**	**J**		8.93	U	**0.45**	**U**	
U	**38.3**			29.4	D	**2.45**		
D	**91.8**		J	69.7	D	**7.51**		J
U	**21.7**			16.7	D	**1.96**		
U	**0.13**	**U**		2.65	U	**1.26**		J
U	**0.2**	**U**		4.09	U	**0.66**		J
U	**0.25**	**U**		5.05	U	**0.25**	**U**	
U	**1.33**		BU	6.96	U	**0.89**		BU
U	**0.45**	**U**		8.97	U	**0.45**	**U**	
U	**0.09**	**U**		1.77	U	**0.09**	**U**	
D	**7.88**			2.53	U	**11.1**		
U	**0.14**	**U**		2.88	U	**0.14**	**U**	
	748.11			652.73		334.59		

152059-SV-SV171SDL			152059-SV-SV21S			152059-SV-SV21D		
Y2495-03DL			Y2495-04			Y2495-05		
04/26/07			04/26/07			04/26/07		
AIR			AIR			AIR		
20.0			1.0			1.0		
ug/m3			ug/m3			ug/m3		
	Lab	DV		Lab	DV		Lab	DV
3.56	U		3.12			3.12		
1.47	U		0.07	U		0.07	U	
1.53	U		0.08	U		0.08	U	
2.64	U		0.13	U		0.13	U	
2.02	U		0.1	U		0.1	U	
3.14	U		4.43		J	4.37		J
0.59	U		0.03	U	J	0.03	U	J
4.34	U		0.22	U		0.22	U	
3.82	U		1.07			1.22		
2.28	U		0.11	U		0.11	U	
32	D		13.2			18.2		
3.27	U		17.2			1.64		
2.46	U		0.12	U		0.12	U	
1.58	U		0.08	U		0.08	U	
78.3	**D**		31.2			29.1		
1.49	U		1.24			0.71		
1.73	U		0.61			0.09	U	
1.04	U		1.81			2.4		
1.51	U		0.08	U		0.08	U	
2.7	U		0.13	U		0.13	U	
2.81	U		0.14	U		0.14	U	
2.75	U		0.14	U		0.14	U	
2.08	U		0.1	U		0.1	U	
2.77	U		13.8			5.62		
3.78	U		0.19	U		0.19	U	
2.7	U		0.13	U		0.13	U	
2.34	U		0.83		J	0.83		J
3.96	U		0.19	U		0.19	U	
2.39	U		40.5		J	78.9		J
3.53	U		0.62			0.17	U	
2.89	U		11.3			0.14	U	
1.6	U		5.9			2.58		
2.43	U		0.12	U		0.12	U	
3.86	U		0.54	J		0.59		
4.53	U		0.23	U		0.23	U	
5.37	U		0.27	U		0.27	U	
2.13	U		3.68		J	0.11	U	J
18.1	D		11.3			4.36		
2.27	U		0.11	U		0.11	U	
2.81	U		0.14	U		0.14	U	
5.98	U		0.29	U		0.29	U	
1.8	U		0.09	U	J	0.09	U	J
6.47	U		0.32	U		0.32	U	
5.23	U		0.26	U		0.26	U	
133	D		40.4			79.2		

6.01	U	0.31	U		0.31	U	
3.12	U	4.51			0.78		
5.64	U	11.7			1.6		
3.47	U	11.4			0.74		
3.74	U	0.19	U		0.43	J	J
4.97	U	0.25	U		0.25	U	
8.93	U	0.45	U		0.45	U	
2.36	U	22.9			0.49	J	
9.82	JD	35.3		J	0.98		J
1.47	U	13.7			0.07	U	
2.65	U	0.13	U		0.13	U	
4.09	U	0.2	U		0.2	U	
5.05	U	0.25	U		0.25	U	
6.96	U	0.35	U		0.35	U	
8.97	U	0.45	U		0.45	U	
1.77	U	0.09	U		0.09	U	
14.1	JD	14.6			5.1		
2.88	U	0.14	U		0.14	U	
285.32		316.86			242.96		

152059-OA-AA2			152059-SV-SV3S			152059-SV-SV3SDL		
Y2495-06			Y2495-07			Y2495-07DL		
04/26/07			04/26/07			04/26/07		
AIR			AIR			AIR		
1.0			1.0			20.0		
ug/m3			ug/m3			ug/m3		
	Lab	DV		Lab	DV		Lab	DV
2.92			**19.6**			20.8	D	
1.29			**0.07**	**U**		1.47	U	
0.08	U		**0.08**	**U**		1.53	U	
0.13	U		**0.13**	**U**		2.64	U	
0.1	U		**0.1**	**U**		2.02	U	
1.74		J	**43.7**		J	42.6	D	J
0.03	U	J	**0.03**	**U**	J	0.59	U	
0.22	U		**0.22**	**U**		4.34	U	
0.76	J		**1.07**			3.82	U	
0.11	U		**0.11**	**U**		2.28	U	
0.89			**15.4**			21.3	D	
0.53			**2.49**			3.27	U	
0.12	U		**0.12**	**U**		2.46	U	
0.08	U		**6.08**			1.58	U	
23.4			106	E		**102**	**D**	
0.07	U		**0.07**	**U**		1.49	U	
0.09	U		**0.86**			1.73	U	
26.8			**1.56**			1.04	U	
0.08	U		**0.08**	**U**		1.51	U	
0.13	U		**0.13**	**U**		2.7	U	
0.14	U		**0.14**	**U**		2.81	U	
0.14	U		**0.65**			2.75	U	
0.1	U		**2.98**			2.08	U	
1.8			**13.8**			11.8	JD	
0.63	J		**0.19**	**U**		3.78	U	
0.13	U		**0.13**	**U**		2.7	U	
0.12	U		**0.88**			2.34	U	
0.19	U		**0.19**	**U**		3.96	U	
0.12	U		272	E	J	**274**	**D**	J
0.17	U		**1.3**			3.53	U	
0.47	J		**1.63**			2.89	U	
0.54			**2.07**			1.6	U	
0.12	U		**0.12**	**U**		2.43	U	
0.19	U		**2.95**			3.86	U	
0.23	U		**0.23**	**U**		4.53	U	
0.27	U		**0.27**	**U**		5.37	U	
0.11	U	J	**2.17**		J	2.13	U	
1.69		J	**7.11**			3.31	U	
0.11	U		**0.11**	**U**		2.27	U	
0.14	U		**0.14**	**U**		2.81	U	
0.29	U		**0.29**	**U**		5.98	U	
0.09	U	J	**0.09**	**U**	J	1.8	U	
0.32	U		**0.32**	**U**		6.47	U	
0.26	U		**0.26**	**U**		5.23	U	
0.26	U		**125**			122	D	

0.31	U		**1.06**			6.01	U	
0.16	U		**1.39**			3.12	U	
0.87	J		**4.42**			5.64	U	
0.48			**2.12**			3.47	U	
0.19	U		**0.64**		J	3.74	U	
0.25	U		**0.25**	**U**		4.97	U	
0.45	U		**0.45**	**U**		8.93	U	
0.83			**1.47**			2.36	U	
1.91		J	**4.17**		J	3.53	U	
0.49	J		**1.03**			1.47	U	
0.13	U		**1.68**		J	2.65	U	
0.2	U		**0.2**	**U**		4.09	U	
0.25	U		**0.25**	**U**		5.05	U	
0.35	U		**0.35**	**U**		6.96	U	
0.45	U		**0.45**	**U**		8.97	U	
0.09	U		**0.09**	**U**		1.77	U	
17.6			**5.98**			2.53	U	
0.14	U		**0.14**	**U**		2.88	U	
85.64			653.26			594.5		

152059-SV-SV3D			152059-SV-SV3DDL			152059-SV-SV31S		
Y2495-08			Y2495-08DL			Y2495-09		
04/26/07			04/26/07			04/26/07		
AIR			AIR			AIR		
1.0			20.0			1.0		
ug/m3			ug/m3			ug/m3		
	Lab	DV		Lab	DV		Lab	DV
22			25.7	D		21.7		
0.07	U		1.47	U		0.07	U	
0.08	U		1.53	U		0.08	U	
0.13	U		2.64	U		0.13	U	
0.1	U		2.02	U		0.1	U	
53.3		J	56	D		47.9		J
0.03	U	J	0.59	U		0.03	U	J
0.22	U		4.34	U		0.22	U	
1.22			3.82	U		1.15		
0.11	U		2.28	U		0.11	U	
30.7			42.3	D		15.4		
1.96			3.27	U		2.7		
0.12	U		2.46	U		0.12	U	
0.08	U		1.58	U		6.15		
58.9	E		63.6	D		110	E	
1.74			1.49	U		0.07	U	
0.09	U		1.73	U		0.94		
1.53			1.04	U		2.19		
0.08	U		1.51	U		0.08	U	
0.13	U		2.7	U		0.13	U	
0.14	U		2.81	U		0.14	U	
0.89			2.75	U		0.65		
0.1	U		2.08	U		3.76		
14.9			13.5	D		13.8		
0.19	U		3.78	U		0.19	U	
0.13	U		2.7	U		0.13	U	
1.46		J	2.34	U		0.97		J
0.19	U		3.96	U		0.19	U	
291	E	J	329	D	J	308	E	J
0.17	U		3.53	U		1.33		
0.14	U		2.89	U		1.63		
3.8			1.6	U		2.2		
0.12	U		2.43	U		0.12	U	
3.05			3.86	U		3.21		
0.23	U		4.53	U		0.23	U	
0.27	U		5.37	U		0.27	U	
3.72		J	2.13	U		2.45		J
5.57			3.31	U		8.39		
0.11	U		2.27	U		0.11	U	
0.14	U		2.81	U		0.14	U	
0.29	U		5.98	U		0.29	U	
1.68		J	1.8	U		0.09	U	J
0.32	U		6.47	U		0.32	U	
0.26	U		5.23	U		0.26	U	
202	E		225	D		134		

0.31	**U**		6.01	U		**1.76**		
2.17			3.12	U		**1.78**		
5.94			5.64	U		**6.07**		
2.9			3.47	U		**3.03**		
1.28		J	3.74	U		**0.89**		J
0.25	**U**		4.97	U		**0.25**	**U**	
0.45	**U**		8.93	U		**0.45**	**U**	
2.99			2.36	U		**2.16**		
7.9		J	3.53	U		**6.28**		J
1.72			1.47	U		**1.37**		
0.13	**U**		2.65	U		**1.26**		J
0.2	**U**		4.09	U		**0.2**	**U**	
0.25	**U**		5.05	U		**0.25**	**U**	
0.35	**U**		6.96	U		**0.35**	**U**	
0.45	**U**		8.97	U		**0.45**	**U**	
0.09	**U**		1.77	U		**0.09**	**U**	
4.61			2.53	U		**5.49**		
0.14	**U**		2.88	U		**0.14**	**U**	

728.93	755.1	718.61

152059-SV-SV31SDL			152059-SV-SV2S			152059-SV-SV2D		
Y2495-09DL			Y2495-10			Y2495-11		
04/26/07			04/26/07			04/26/07		
AIR			AIR			AIR		
20.0			1.0			1.0		
ug/m3			ug/m3			ug/m3		
	Lab	DV		Lab	DV		Lab	DV
25.7	D		4.31			4.45		
1.47	U		0.07	U		0.07	U	
1.53	U		0.08	U		0.08	U	
2.64	U		0.13	U		0.13	U	
2.02	U		0.1	U		0.1	U	
56	D		7.23		J	7.51		J
0.59	U		0.03	U	J	0.03	U	J
4.34	U		0.22	U		0.22	U	
3.82	U		1.45			0.19	U	
2.28	U		0.11	U		0.11	U	
24.7	D		5.02			17		
3.27	U		1.8			2.09		
2.46	U		0.12	U		0.12	U	
1.58	U		4			6.3		
136	**D**		27.6			43.9		
1.49	U		1.12			1.87		
1.73	U		1.22			0.09	U	
1.04	U		1.98			1.6		
1.51	U		0.08	U		0.08	U	
2.7	U		0.13	U		0.13	U	
2.81	U		0.14	U		0.14	U	
2.75	U		0.14	U		0.14	U	
2.08	U		0.1	U		0.77		
14.7	D		7.45			12		
3.78	U		0.19	U		0.19	U	
2.7	U		0.13	U		0.13	U	
2.34	U		0.68		J	0.58		J
3.96	U		0.19	U		0.19	U	
356	**D**	J	19.8		J	16.9		J
3.53	U		0.8			0.17	U	
2.89	U		3.5			0.14	U	
1.6	U		2.04			3		
2.43	U		0.12	U		0.12	U	
3.86	U		1.88			0.54	J	
4.53	U		0.23	U		0.23	U	
5.37	U		0.27	U		0.27	U	
2.13	U		3.72		J	2.74		J
7.53	JD		5.87			7.94		
2.27	U		0.11	U		0.11	U	
2.81	U		0.14	U		0.14	U	
5.98	U		0.29	U		0.29	U	
1.8	U		0.98		J	1.02		J
6.47	U		0.32	U		0.32	U	
5.23	U		0.26	U		0.26	U	
145	D		25.1			20.3		

6.01	U		0.31	U		0.31	U	
3.12	U		1.69			1.56		
5.64	U		5.94			4.12		
3.47	U		2.77			2.08		
3.74	U		0.43	J	J	0.64		J
4.97	U		0.25	U		0.25	U	
8.93	U		0.45	U		0.45	U	
2.36	U		4.37			4.32		
3.53	U		8.74		J	7.61		J
1.47	U		2.55			2.5		
2.65	U		0.13	U		0.13	U	
4.09	U		0.2	U		0.2	U	
5.05	U		0.25	U		0.25	U	
6.96	U		0.35	U		0.35	U	
8.97	U		0.45	U		0.45	U	
1.77	U		0.09	U		0.09	U	
2.53	U		3.97			7.98		
2.88	U		0.14	U		0.14	U	
765.63			158.01			181.32		

152059-SV-7S			152059-SV-7D			152059-SV-8S		
Y2495-12			**Y2495-13**			**Y2495-14**		
04/26/07			**04/26/07**			**04/26/07**		
AIR			**AIR**			**AIR**		
1.0			**1.0**			**1.0**		
ug/m3			**ug/m3**			**ug/m3**		
	Lab	**DV**		**Lab**	**DV**		**Lab**	**DV**
2.92			2.97			**3.56**		
0.07	U		0.07	U		**0.07**	**U**	
0.08	U		0.08	U		**0.08**	**U**	
0.13	U		0.13	U		**0.13**	**U**	
0.1	U		0.1	U		**0.1**	**U**	
4.2		J	4.48		J	**4.09**		J
0.03	U	J	0.03	U	J	**0.03**	**U**	J
0.22	U		0.22	U		**0.22**	**U**	
0.19	U		1.07			**1.53**		
0.11	U		0.11	U		**0.11**	**U**	
3.71			7.52			**18.8**		
1.92			1.72			**6.18**		
0.12	U		0.12	U		**0.12**	**U**	
3.89			4.03			**10.4**		
21.5			39.8			89.3	E	
0.53			0.07	U		**1.87**		
0.09	U		0.09	U		**0.09**	**U**	
1.39			1.15			**6.19**		
0.08	U		0.08	U		**0.08**	**U**	
0.13	U		0.13	U		**0.13**	**U**	
0.14	U		0.14	U		**0.14**	**U**	
0.14	U		0.14	U		**0.14**	**U**	
0.1	U		0.6	J		**1.04**		
4.62			12.6			**14.5**		
0.19	U		0.19	U		**1.39**		
0.13	U		0.13	U		**0.13**	**U**	
0.97		J	2.38		J	**6.96**		J
0.19	U		0.19	U		**0.19**	**U**	
8.21		J	7.13		J	**36.4**		J
0.17	U		0.17	U		**0.77**		
0.79			0.14	U		**2.94**		
1.66			2.36			**5.52**		
0.12	U		0.12	U		**0.12**	**U**	
0.59			0.19	U		**1.93**		
0.23	U		0.23	U		**0.23**	**U**	
0.27	U		0.27	U		**0.27**	**U**	
0.11	U	J	1.02		J	**3.11**		J
7.19			4.74			79.9	E	J
0.11	U		0.11	U		**0.11**	**U**	
0.14	U		0.14	U		**0.14**	**U**	
0.29	U		0.29	U		**0.29**	**U**	
0.09	U	J	1.31		J	**0.09**	**U**	J
0.32	U		0.32	U		**0.32**	**U**	
0.26	U		0.26	U		**0.26**	**U**	
69.9			46.1			**29.2**		

0.31	U		0.31	U		**0.31**	**U**	
6.07			1.13			**71.3**		
17.7			2.82			285	E	
5.77			1.6			158	E	
0.19	U		0.64		J	**3.02**		J
0.25	U		0.25	U		**0.25**	**U**	
0.45	U		0.45	U		**0.45**	**U**	
3.98			6.87			230	E	
7.31		J	11.9		J	386	E	J
2.01			3.83			**92.5**		
0.13	U		0.13	U		**0.13**	**U**	
0.2	U		0.2	U		**0.2**	**U**	
0.25	U		0.25	U		**0.25**	**U**	
0.35	U		0.35	U		**0.35**	**U**	
0.45	U		0.45	U		**0.45**	**U**	
0.09	U		0.09	U		**0.09**	**U**	
3.45			4.04			**8.65**		
0.14	U		0.14	U		**0.14**	**U**	
180.28			173.81			1560.05		

152059-SV-8SDL			152059-SV-8D			152059-SV-13S		
Y2495-14DL			Y2495-15			Y2495-16		
04/26/07			04/26/07			04/26/07		
AIR			AIR			AIR		
20.0			1.0			1.0		
ug/m3			ug/m3			ug/m3		
	Lab	DV		Lab	DV		Lab	DV
3.56	U		3.46			2.82		
1.47	U		0.07	U		0.07	U	
1.53	U		0.08	U		0.08	U	
2.64	U		0.13	U		0.13	U	
2.02	U		0.1	U		0.1	U	
3.14	U	J	4.37		J	2.75		J
0.59	U	J	0.03	U	J	0.03	U	J
4.34	U		0.22	U		0.22	U	
3.82	U		1.38			0.92		
2.28	U		0.11	U		0.11	U	
21.3	D		27.7			11.9		
3.27	U		2.25			3.07		
2.46	U		0.12	U		0.12	U	
1.58	U		5.18			4.57		
74	**D**		29.8			16.8		
1.49	U		1.77			0.07	U	
1.73	U		0.09	U		0.09	U	
1.04	U		27.5			2.78		
1.51	U		0.08	U		0.08	U	
2.7	U		0.13	U		0.13	U	
2.81	U		0.14	U		0.14	U	J
2.75	U		0.14	U		0.14	U	
2.08	U		0.1	U		0.1	U	
13	D		4.18			3.3		
3.78	U		1.89			0.19	U	
2.7	U		0.13	U		0.13	U	
2.34	U		21		J	0.49	J	J
3.96	U		0.19	U		0.19	U	
27.2	D		33.9		J	1.74		J
3.53	U		0.17	U		0.17	U	
2.89	U		0.14	U		1.77		
1.6	U		3.09			2.42		
2.43	U		0.12	U		0.12	U	
3.86	U		2.2			0.19	U	
4.53	U		0.23	U		0.23	U	
5.37	U		0.27	U		0.27	U	
2.13	U	J	1.02		J	0.11	U	J
53.4	**D**		4.89		J	5.68		J
2.27	U		0.11	U		0.11	U	
2.81	U		0.14	U		0.14	U	
5.98	U		0.29	U		0.29	U	
1.8	U	J	0.09	U	J	0.09	U	
6.47	U		0.32	U		0.32	U	
5.23	U		0.26	U		0.26	U	
25.8	D		25.3			3.39		

6.01	U		0.31	U		0.31	U	
59.8	D		2.34			2.17		
281	**D**		6.63			5.55		
146	**D**		3.03			3.86		
3.74	U		0.77		J	62.9		J
4.97	U		0.25	U		0.25	U	
8.93	U		0.45	U		0.45	U	
230	**D**		3.14			11.1		
646	**D**	J	11.4		J	18		J
84.4	D		2.01			5.35		
2.65	U		0.13	U		0.13	U	
4.09	U		0.2	U		0.2	U	
5.05	U		0.25	U		0.25	U	
6.96	U		0.35	U		0.35	U	
8.97	U		0.45	U		0.45	U	
1.77	U		0.09	U		0.09	U	
2.53	U		4.61			4.12		
2.88	U		0.14	U		0.14	U	
1661.9			234.81			177.45		

152059-SV-13D			152059-SV-1S			152059-SV-1D		
Y2495-17			Y2495-18			Y2495-19		
04/26/07			04/26/07			04/26/07		
AIR			AIR			AIR		
1.0			1.0			1.0		
ug/m3			ug/m3			ug/m3		
	Lab	DV		Lab	DV		Lab	DV
2.97			3.02			2.87		
0.07	U		0.07	U		0.07	U	
0.08	U		0.08	U		0.08	U	
0.13	U		0.13	U		0.13	U	
0.1	U		0.1	U		0.1	U	
3.08		J	2.63		J	2.69		J
0.03	U	J	0.03	U	J	0.03	U	J
0.22	U		0.22	U		0.22	U	
1.15			1.07			1.3		
0.11	U		0.11	U		0.11	U	
18.2			6.27			7.23		
1.68			1.8			0.78		
0.12	U		0.12	U		0.12	U	
3.38			4.71			4.57		
41.2			24.1			34.8		
0.07	U		0.07	U		0.07	U	
0.09	U		0.09	U		0.09	U	
0.87			1.32			3.02		
0.08	U		0.08	U		0.08	U	
0.13	U		0.13	U		0.13	U	
0.14	U		0.14	U		0.14	U	
0.14	U		0.14	U		0.14	U	
0.1	U		0.1	U		0.64	J	
13.5			11.4			9.63		
0.19	U		0.19	U		0.19	U	
0.13	U		0.13	U		0.13	U	
0.68		J	0.68		J	0.97		J
0.19	U		0.19	U		0.19	U	
2.34		J	0.12	U		1.41		J
0.17	U		0.82			0.17	U	
0.14	U		1.31			0.14	U	
2.46			2.01			1.85		
0.12	U		0.12	U		0.12	U	
0.19	U		0.19	U		0.19	U	
0.23	U		0.23	U		0.23	U	
0.27	U		0.27	U		0.27	U	
2.33		J	3.52		J	1.39		J
4.44		J	8.35		J	3.65		J
0.11	U		0.11	U		0.11	U	
0.14	U		0.14	U		0.14	U	
0.29	U		0.29	U		0.29	U	
1.15		J	1.35		J	0.09	U	J
0.32	U		0.32	U		0.32	U	
0.26	U		0.26	U		0.26	U	
3.39			5.23			5.5		

0.31	U		0.31	U		0.31	U	
0.69			2.6			0.91		
1.39			8.93			2.34		
0.65			3.47			1.95		
1.4		J	0.19	U		0.19	U	
0.25	U		0.25	U		0.25	U	
0.45	U		0.45	U		0.45	U	
3.48			3.48			9.18		
6.77		J	7.46		J	16.5		J
1.47			2.21			4.86		
0.13	U		0.13	U		0.13	U	
0.2	U		0.2	U		0.2	U	
0.25	U		0.25	U		0.25	U	
0.35	U		0.96		BU	0.35	U	
0.45	U		1.17			0.45	U	
0.09	U		0.09	U		0.09	U	
3.41			3.55			3.41		
0.14	U		0.14	U		0.14	U	
122.08			113.42			121.45		

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Y2495-20
04/26/07
AIR
1.0
ug/m3

	Lab	DV
3.02		
1.33		
0.08	U	
0.13	U	
0.1	U	
2.3		J
20.6		J
0.22	U	
1.3		
0.11	U	
0.09	U	
2.37		
0.12	U	
11.5		
32.4		
0.34		
0.09	U	
43		
0.08	U	
0.13	U	
0.14	U	
0.14	U	
1.31		
5.12		
0.63	J	
0.13	U	
0.12	U	
0.19	U	
0.12	U	
0.17	U	
0.84		
1.24		
0.12	U	
0.75		
0.23	U	
0.27	U	
6.87		J
27.7		J
0.11	U	
0.14	U	
0.29	U	
0.09	U	J
0.32	U	
0.26	U	
1.43		

0.31	U	
1.95		
6.11		
2.25		
1.74		J
0.25	U	
0.45	U	
0.79		
2.01		J
0.64		
0.13	U	
0.2	U	
0.25	U	
0.35	U	
0.45	U	
0.09	U	
9.5		
0.14	U	

189.04